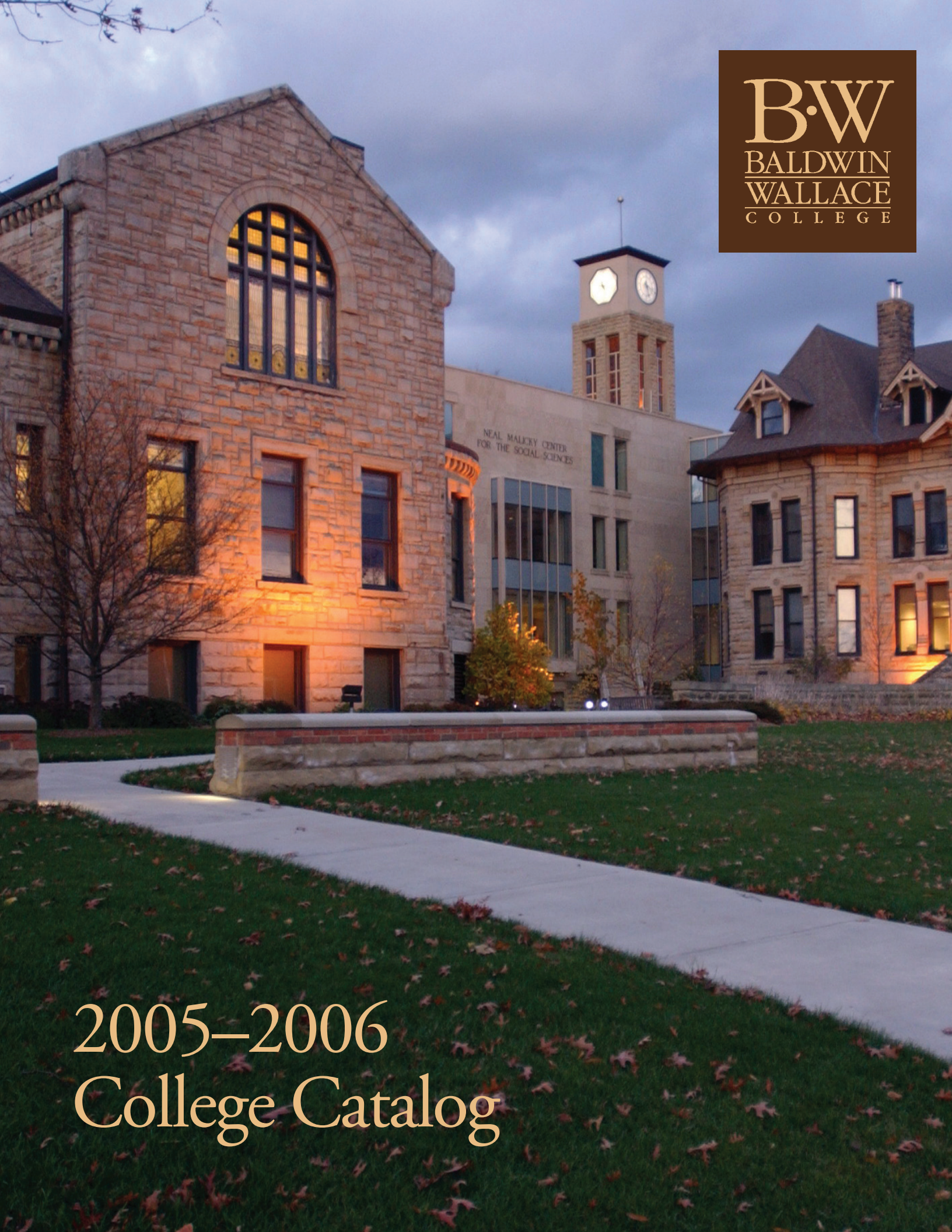


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BALDWIN
WALLACE
COLLEGE



2005–2006
College Catalog

TABLE OF CONTENTS

About Baldwin-Wallace College	3
Majors, Minors and other Undergraduate Academic Programs	5
Academic Telephone Directory	7
Academic Calendar 2004-2005	8
Section I – UNDERGRADUATE ACADEMIC PROGRAM.....	9
Section II – UNDERGRADUATE ACADEMIC OPPORTUNITIES	11
Section III – ACADEMIC SUPPORT SERVICES.....	27
Section IV – UNDERGRADUATE STATUS AND POLICIES	32
Section V – ADMISSION AND REGISTRATION	42
Section VI – STUDENT EXPENSES AND FINANCIAL AID.....	50
Section VII – EVENING/WEEKEND PROGRAM	54
Section VIII – UNDERGRADUATE PROGRAMS OF STUDY.....	58
Art & Art History	61
Arts Management	68
Asian Studies	71
Astronomy	73
Biology & Geology	74
Business Administration	82
Chemistry	98
College	102
Communication	104
Computer Science.....	116
Criminal Justice.....	125
Diversity Studies	130
Economics.....	132
Education.....	138
English	160
Environmental Studies	166
Gerontology	181
Foreign Languages & Literatures	168
Health & Physical Education	183
International Studies	207
Liberal Arts and Sciences	215
History	200
Leadership Studies.....	213
Mathematics	216
Music	223
Neuroscience.....	254
Organizational Leadership	259
Philosophy	262
Physics	266
Political Science	276
Psychology	284
Religion.....	291
Social Work Affiliated Program	297
Sociology & Anthropology	298
Theatre	306
Certificate Programs	310
Section IX – GRADUATE PROGRAMS	314
Master of Arts in Education.....	314
Master of Business Administration	324
MBA – Accounting	335
MBA – Entrepreneurship	342
MBA – Executive	348
MBA – Health Care.....	354
MBA – Human Resources	360
MBA – International	366
Section X – FACULTY, ADMINISTRATION AND TRUSTEES	373
Index	400

This catalog is a source of general information and does not constitute an irrevocable contract between Baldwin-Wallace College and any person. The College reserves the right to make necessary changes to the provisions and policies of this catalog at any time. All such changes are effective at such time as determined by the College and may apply to all prospective and matriculated students

ABOUT BALDWIN-WALLACE COLLEGE

Founded in 1845, Baldwin-Wallace was among the first colleges to admit students without regard to race or gender. That spirit of inclusiveness and innovation continues today. The academic program, rooted in the liberal arts, yet balanced by abundant opportunities for career exploration and application, is designed to prepare students to make a living...and a life *worth* living.

Affiliated with the United Methodist Church, Baldwin-Wallace College is an independent, coeducational college located in Berea, Ohio, a suburb southwest of Cleveland. Today, the College serves approximately 3100 full-time undergraduates, 800 part-time students in evening and weekend programs and over 700 graduate students in education and business administration.

The College maintains more than 50 academic programs within the following seven divisions: business administration, education, health and physical education, humanities, music, science and mathematics, and social sciences.

Non-Discriminatory Policy

Baldwin-Wallace College does not discriminate because of race, creed, age, disabilities, national origin, gender or sexual orientation in the administration of its policies or programs.

Statement of Mission of Baldwin Wallace College

Baldwin-Wallace College is an academic community committed to the liberal arts and sciences as the foundation for lifelong learning.

The College fulfills this mission through a rigorous academic program that is characterized by excellence in teaching and learning within a challenging, supportive environment that enhances students' intellectual and spiritual growth.

Baldwin-Wallace assists students in their preparation to become contributing, compassionate citizens of an increasingly global society and encourages their pursuit of personal and professional excellence.

Statement of Church Relatedness

Baldwin-Wallace College values its historic relationship and active affiliation with the United Methodist Church. The College provides a supportive environment enhancing all students' intellectual, moral, and spiritual growth. The College respects the diversity of individual religious beliefs, including those who profess no religious viewpoint. All members of the College community are encouraged to participate in activities related to spiritual growth and development. The College is deeply committed to the open pursuit of knowledge and stresses such values as integrity, honesty, justice, compassion, and spiritual growth as integral to that pursuit. Further, the College recognizes the vital connection between faith, knowledge, and service and offers a variety of means to develop and strengthen those connections for members of the College community. As a United Methodist related school, Baldwin-Wallace College prepares students for lives of informed and mature leadership as global citizens in a diverse world.

Division III Athletic Philosophy Statement

Baldwin-Wallace College seeks to establish and maintain an environment in which a student's athletics activities are conducted as an integral part of the total educational

experience. The college places highest priority on the successful completion of the academic program for all students.

In addition the college seeks to establish and maintain an environment that values cultural diversity and gender equity among their student-athletes and athletics staff.

To achieve this end, Baldwin-Wallace College

- (a) places special importance on the impact of athletics on the participants rather than on the spectators and greater emphasis on the internal constituency (students, alumni, institutional personnel) than on the general public and its entertainment needs;
- (b) awards no athletically related financial aid to any student;
- (c) assures that athletics participants are treated no differently than any other member of the student body;
- (d) assures that athletics programs support the institution's educational mission by financing, staffing, and controlling the programs through the same general procedures as other departments of the institution;
- (e) provides equitable athletics opportunities for males and females and gives equal emphasis to men and women's sports.

Accreditation

Baldwin-Wallace College is accredited by The Higher Learning Commission, a commission of the North Central Association. The address, telephone number and website for this accrediting body is 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504; 1-800-621-7440; www.ncahigherlearningcommission.org.

The undergraduate programs in music also are accredited by the National Association of Schools of Music and in elementary, secondary and all-grades education by the National Council for Accreditation of Teacher Education. In addition, the College is on the approved lists of the American Chemical Society, University Senate of the United Methodist Church, Ohio College Association and the American Association of University Women. It was approved by the Association of American Universities in 1931, and its credits are accepted wherever American college work is recognized. Baldwin-Wallace is a member of the Association of American Colleges, the American Council on Education, the American Association of collegiate Schools of Business, and the American Association of Colleges of Teacher Education.

The College is approved for teacher education in the following areas: Early Childhood Education (pre-kindergarten-grade 3); Middle Childhood Education (grades 4-9); Adolescent Young Adult (grades 7-12) in Integrated Language Arts, Integrated Mathematics, Integrated Science, Integrated Social Studies, Life Sciences, and Physical Sciences; Multi-Age Education (prekindergarten-grade 12) in Foreign Languages (French, German, or Spanish), Health, Music, Physical Education, or Visual Arts, Intervention Specialist; Mild/Moderate Educational Needs (kindergarten-grade 12); and endorsements in Reading and Computer Technology. Because of the fluctuating requirements for licensure to teach in the various states, it is recommended that candidates for licensure check with departments of education in the states in which they intend to teach. This will give them the opportunity to schedule required courses wherever possible.

Approved plans of study are provided to prepare students for graduate study or for professional schools of medicine, dentistry, law, engineering, theology, art, library science, social service work, medical technology, physical therapy and forestry.

Majors, Minors and Other Undergraduate Academic Programs 2005-2006

MAJORS

Art:

- History of Art
- Studio Art

Biology

Business:

- Accounting
- Business Administration
- Finance
- Human Resource Management
- Management
- Marketing

Chemistry

Communication:

- Broadcasting and Mass Communication
- Communication Disorders
- Communication Studies
- Film Studies
- Public Relations

Computer Science:

- Computer Information Systems -
Information Systems Analyst
Concentration
- Network Analyst Concentration
- Computer Science -
Computer Science Concentration
Web Applications Engineer Concentration

Criminal Justice

Economics:

- Economics
- Mathematical Economics

Education:

- Early Childhood (PreK-3)
- Middle Childhood (4-9) (students must select two out of the following four content areas: mathematics; science; reading/language arts; social studies.)
- Adolescent/Young Adult (7-12) (students must select one of the following teaching fields):
 - Integrated Language Arts
 - Integrated Mathematics
 - Integrated Science
 - Integrated Social Studies
 - Life Sciences
 - Physical Sciences

Multi-Age (preK-12) (students must select one of the following teaching fields):

- Foreign Language – French, German, or Spanish

- Health

- Music

- Physical Education

- Visual Arts

Mild/Moderate Educational Needs (K-12)

English

Foreign Languages and Literatures:

- French

- German

- Spanish

Health and Physical Education:

- Athletic Training

- Exercise Science

- Health Promotion and Education

- Physical Education

- Pre-Physical Therapy

- Sport Management

History

International Studies

Mathematics

Music:

- Composition

- Music Education (BME)

- Music History & Literature

- Music in Liberal Arts (BA)

- Musical Theatre

- Music Theory

- Music Therapy

- Performance

Neuroscience

Organizational Leadership*

Philosophy

Physics

Political Science

Psychology

Religion

Sociology

Theatre

*Available in Evening/Weekend Program for full-time employed students

MINORS

Art

- History of Art
- Studio Art

Asian Studies

Biology

Business:

- Accounting
- Business Administration
- Entrepreneurship
- Finance
- Human Resource Management
- Management
- Marketing

Chemistry

Communication:

- Communication Disorders
- Communication Studies
- Public Relations

Computer Information Systems

Computer Science

Criminal Justice

Diversity Studies

Economics

Education (for students seeking licensure in Adolescent/Young Adult or Multi-Age Education)**

English:

- Literature
- Writing

Environmental Studies

Foreign Languages and Literatures:

- French
- German
- Spanish

Geology

Gerontology

Health and Physical Education:

- Athletic Coaching
- Child and Family
- Dance
- Health Promotion and Education
- Personal Wellness
- Recreation

History

International Studies

Leadership Studies

Management and Organization

Mathematics

Music

Music with Emphasis in Arts Management

Neuroscience

Philosophy

Physics

Political Science

Psychology

Religion

Sociology

Theatre

DUAL-DEGREE (3+2) PROGRAMS

Accounting MBA, with:

- Baldwin-Wallace College

Engineering (Chemistry- or Physics- based), with:

- Case Western Reserve University
- Columbia University
- Washington University

Human Resource MBA with:

- Baldwin-Wallace College

Social Work (Psychology- or Sociology-based), with:

- Case Western Reserve University

OTHER PROGRAMS OF CONCENTRATION

Arts Management

Medical Technology

PRE-PROFESSIONAL PROGRAMS

Dentistry

Ophthalmology

Engineering

Pharmacy

Law

Social Work

Library Science

Theology

Medicine

Veterinary Medicine

CERTIFICATE PROGRAMS

Accounting

Applied Communication

Computer Information Systems:

- Network Option

- Data Base Option

Gerontology

Human Resource Management

Leadership

Organizational Development

**Does not apply to Music Education license

ACADEMIC TELEPHONE DIRECTORY

All campus phone numbers are preceded by **area code 440 and prefix 826-**. Phone numbers listed here pertain to information supplied in this catalog. For a more complete listing of campus telephone numbers, refer to the Student Handbook.

2188 Academic Advising	2250 Leadership Studies Minor
2251 Academic Affairs	2147 Learning Center
2766 Academic Concerns	Library (see Ritter Library)
2222 Admission	2121 Evening & Weekend Division
2152 Art	2168 M.A.Ed. Program
3449 Asian Studies Minor	2392 M.B.A. Programs
2312 Astronomy	2117 Mathematics
2262 Biology & Geology	2379 Neuroscience
2344 Bookstore	8096 Organizational Leadership Minor
2392 Business Administration	2076 Philosophy
2102 Career Counseling	2312 Physics
2217 Cashier's Office (bill payment)	2311 Political Science
2312 Chemistry	2424 President's Office
2351 College Union (Strosacker)	2253 Professional Development
2278 Communication	2163 Psychology
8096 Communication (Evening/Weekend only)	2285 Recreation Center
2355 Commuter Concerns Computer Center (Student Center) (see Information Technology)	2076 Religion
2117 Computer Science	2126 Registration & Records
2369 Conservatory of Music	2114 Residence Life
2146 Criminal Justice Minor	2204 Ritter Library
2111 Dean of Students	2108 Scholarships
2188 Developmental Services	2000 Security—Emergencies (24 Hours)
2280 Diversity Studies Minor	2161 Social Work
2113 Economics	2161 Sociology & Anthropology
2166 Education	2178 Student Insurance
2312 Engineering	2231 Study Abroad
2293 English	2239 Theatre
2263 Environmental Studies Minor	2126 Transcripts
2231 Explorations/Study Abroad	2208 Upward Bound
2108 Financial Aid	2417 Writing Lab
2244 Foreign Languages/Literatures	
2262 Geology & Geography Minor	For numbers not listed above
2158 Gerontology Minor	2359 Union Service Desk
2126 Grades	0 College Switchboard (on campus)
2178 Health Center	2900 College Switchboard (off campus)
2184 or 2306 Health/Physical Education	
2076 History	Baldwin-Wallace Website
2419 Honors Program	www.bw.edu
2410 ID Office	
6960 Information Technology	
2102 Internships	
2116 International Students	
2311 International Studies	

2005-06 ACADEMIC CALENDAR

2005 FALL SEMESTER

Classes Begin Monday, August 22
Last Day to Add Friday, August 26
Last Day to Drop Monday, October 24
Classes End Friday, December 2
Final Exams Monday, December 5 through Friday, December 9
Holidays Labor Day, Monday, September 5
Fall Holiday, Friday, October 14
Thanksgiving Break, Wednesday, November 23 through Friday, November 25

2006 SPRING SEMESTER

Classes Begin Monday, January 9
Last Day to Add Friday, January 13
Last Day to Drop Tuesday, March 21
Classes End Friday, April 28
Final Exams Monday, May 1 through Friday, May 5
Commencement Sunday, May 7
Holidays Martin Luther King, Jr. Day, Monday, January 16
Spring Break, Monday, March 6 through Saturday, March 10
Good Friday, Friday, April 14

FALL MINIMESTER A (2005) –

Aug. 22-Oct. 14

Classes Begin Mon., Aug. 22
Last Day to Add Wed., Aug. 24
Last Day to Drop Mon., Sept. 19
Classes End Fri., Oct. 7
Final Exams Mon., Oct. 10–Thurs., Oct. 13
Holidays Labor Day, Mon., Sept. 5
Fall Holiday, Fri., Oct. 14

FALL MINIMESTER B (2005) –

Oct. 17-Dec. 9

Classes Begin Mon., Oct. 17
Last Day to Add Wed., Oct. 19
Last Day to Drop Fri., Nov. 11
Classes End Fri., Dec. 2
Final Exams Mon., Dec. 5–Fri., Dec. 9
Holidays Thanksgiving Break,
Wed., Nov. 23–Fri., Nov. 25

SPRING MINIMESTER A (2006) –

Jan. 9-Mar. 3

Classes Begin Mon., Jan. 9
Last Day to Add Wed., Jan. 11
Last Day to Drop Mon., Feb. 6
Classes End Fri., Feb. 24
Final Exams Mon., Feb. 27 –Fri., Mar. 3
Holidays Martin Luther King, Jr. Day, Mon.,
Jan. 16

SPRING MINIMESTER B (2006) –

Mar. 13-May 5

Classes Begin Mon., Mar. 13
Last Day to Add Wed., Mar. 15
Last Day to Drop Fri., Apr. 7
Classes End Fri., Apr. 28
Final Exams Mon., May 1–Fri., May 5
Commencement Sun., May 7
Holidays Good Friday, Fri, April 1

Section I

UNDERGRADUATE ACADEMIC PROGRAM

Introduction

The general requirements for a bachelor's degree are intended to achieve four major goals:

- an individualized academic program reflecting each student's special needs, interests, and aspirations;
- sufficient work in a variety of academic areas to introduce breadth into the academic program;
- an exploration in depth of at least one area of knowledge;
- a sufficient number of elective hours to enable the student to pursue secondary interests that support and supplement other requirements.

The College attempts to provide an atmosphere in which the student can develop the abilities to think creatively and critically, to make honest and objective judgments, to perceive and utilize patterns of balance between personal needs and the needs of others; and, finally, to work independently in exploring areas of knowledge and growth beyond those studied formally in the classroom. In line with these principles, the academic program undertaken by each student is comprised of the general requirements described in this section, a major in an academic area, and elective courses the student carefully chooses to pursue special interests.

The student, working with a faculty advisor, is responsible for planning his/her own course of study. While academic advising is a process of communication and information exchange between student and advisor, the ultimate responsibility for program, course selection, and meeting graduation requirements rests with the student.

Degrees

Except those subsequently noted, Baldwin-Wallace College grants the degree of **Bachelor of Arts (B.A.)** to students who complete the requirements for graduation. The degree of **Bachelor of Science (B.S.)** is granted to those who have majored in one of the natural sciences, psychology, mathematics, computer science, or computer information systems. The degree of **Bachelor of Science in Education (B.S. in Ed.)** is granted to students who major in early childhood education, middle childhood, and mild/moderate educational needs. The degrees of **Bachelor of Music (B.M.)** and **Bachelor of Music Education (B.M.E.)** are granted to those students who complete the respective programs in the Conservatory.

A student who desires two bachelor's degrees must meet the following requirements: (1) The candidate must meet the particular subject requirements for both degrees and the core requirements. (2) The two degrees are not to be conferred at the same Commencement. (3) A minimum of 32 credit hours must be completed at Baldwin-Wallace after the first degree is conferred. (4) There can be no duplication of departmental major fields. As an example, a student earning a Bachelor of Music degree and a Bachelor of Arts degree cannot elect a major in music for the BA degree. (5) Comprehensive examinations or their equivalent, as required by major departments, must be completed.

For information on graduate degrees offered by Baldwin-Wallace College, see Section IX.

The College Core

All undergraduate students at B-W pursue a course of study sufficiently varied to acquaint them with a broad spectrum of human knowledge and to provide them a strong foundation in core academic skills. The knowledge and skills that students utilize and develop through their core

courses are essential to their success in academic work as well as in their personal and professional lives.

The core requirements include course work in the following areas: foundation courses in Mathematics, English Composition, and Liberal Arts and Sciences (LAS 150); breadth courses in the Humanities, Social Sciences and Natural Sciences; wellness courses in Health and Physical Education; coursework in International Studies; and coursework in Diversity Studies. Completion of a minor adds depth in a particular area of study, to balance the breadth provided by distribution requirements across the major disciplinary areas in the Liberal Arts and Sciences.

Specific area, course and credit requirements for fulfillment of the College core are described in Section VIII.

Academic Majors and Minors

The Academic Major: Students must complete a major in an academic area, and are encouraged to declare their major by the end of the sophomore year. Students who meet the minimum requirements of the College may major in any course of study offered by the College. There are no other requirements for admission to or continuation in any major except for the Bachelor of Music and Bachelor of Music Education programs, the certification programs of the Division of Education, and the Sports Medicine/Exercise Science Major, Athletic Training Concentration.

If the major is in a single academic department, it will include a minimum of 23 semester credits of courses in the department plus additional requirements as stipulated. These may include specific courses, a specified number of credits in excess of 23 semester credit hours, courses in other departments, proficiency examinations, and other appropriate activities such as recitals, exhibitions and student teaching.

Students may complete more than one major providing they meet all of the requirements. A department cannot require a minimum grade point average for a major nor require a student to take more than 53 credits from a single academic department. Not more than 60 credits from a single department will be accepted toward the minimum credits required for graduation except for the degrees of Bachelor of Music, Bachelor of Music Education and Bachelor of Science in Education.

Transfer students are required to complete at least 13 credits at B-W in their major field of study. Exceptions may be made by an individual department based on an examination or other appropriate evaluative methods. Some departments require more than 13 credits.

An individually designed **interdepartmental major** may be arranged in consultation with the heads of the departments concerned. Interdepartmental majors must include coursework from three departments and a minimum of 36 credit hours, of which 15 must be at the 300-400 level. Written copies of the agreement specifying the requirements for the interdepartmental major must be signed by the heads of these departments and filed with both the College Registrar and the student's faculty advisor. This request must be made prior to the student's earning 91 semester credits towards a degree at Baldwin-Wallace College.

Only four credits of "D" (D+, D, and/or D-) in a major may be counted toward the total number of credits required in a student's major department. If a student exceeds the four-credit rule, the major department will decide if the student should take an additional course(s) beyond the minimum credits required for the major or repeat the course(s) graded "D." If a student is required to repeat a course, the total number of credits required for graduation will be increased.

The Academic Minor: All students* must complete an academic minor. (A second major will also satisfy this requirement.) An academic minor consists of at least 17 semester credits as specified by the department offering the minor. A minimum of six of the 17 credits must be earned at Baldwin-Wallace. A student may fulfill the minor requirement in any department or division, as long as the minor selected is not identical to the student's major or is not otherwise prohibited by the department in which the major resides. Consult the section of the catalog that describes the requirements for each major for those minors that are not permitted.

An individually designed **interdepartmental minor** may be arranged in consultation with the heads of the departments concerned. Interdepartmental minors must include coursework from two departments and a minimum of 17 credit hours, of which 9 must be at the 300-400 level. Written copies of the agreement specifying the requirements for the interdepartmental minor must be signed by the heads of these departments and filed with both the College Registrar and the student's faculty advisor. This request must be made prior to the student's earning 91 semester credits towards a degree at Baldwin-Wallace College.

*Does not apply to Music majors (other than Music in Liberal Arts) or students pursuing licensure in Early Childhood Education.

For a complete listing of all undergraduate majors and minors, see pages 5 and 6. Specific major and minor requirements, course descriptions and other programs of study are described in detail in Section VIII of this catalog.

Grading System

At the completion of a semester's work, students are graded in each subject. Grades given are A+, A, A-, B+, B, B-, C+, C, C-D+, D, D-, F, S and U. Each grade has the following value in quality points: A+ = 4.0; A = 4.0; A- = 3.667; B+ = 3.333; B = 3.0; B- = 2.667; C+ = 2.333; C = 2.0; C- = 1.667; D+ = 1.333; D = 1.0; D- = 0.667; F = 0.0; S = satisfactory, no quality points, and U = unsatisfactory, no quality points. The following marks also are given: I = incomplete, no quality points; T = a temporary noncredit grade for multi-semester course work which is progressing satisfactorily, no quality points; W = withdrawn; WX = withdrawn, failing; WP = withdrawn, passing; WA = withdrawn, administratively. NR indicates a grade not reported by the instructor. Grades of W, WX, WP, and WA do not affect a student's grade point average.

Quality points are used in calculating the student's grade point average (GPA). To find the GPA, multiply the number of credit hours in a course by the quality point value of the letter grade (A, four, B, three, etc.); then add the quality points earned for each course and divide by the total number of graded credit hours attempted. Courses graded S, U, I, T, NR, W, WX, WP and WA are not used in computing GPA.

The mark "I" is given only when, through no fault of his/her own, a student is unable to complete the work. It is the responsibility of the student to inform the instructor why he/she is unable to complete the work, and the instructor shall determine whether the mark "I" is justifiable. If the instructor reports the mark "I" to the registrar, justification for this mark must be submitted in writing. A letter grade for outstanding I's must be reported to the Office of Registration and Records not later than the last day of the sixth week of the next term of registration. Unreported I's by the deadline become "F" grades.

The mark "T" is given in courses which are completed over a two- or three-semester period. The "T" indicates that the course work is progressing satisfactorily. A completion date must be stipulated when the instructor submits the "T" grade. Failure to complete work by the established date will result in the grade of "F" being automatically awarded. Work which is given a "T" must be validated by a subsequent letter grade to count for credit.

The mark "NR" is given when no regular grade is reported by the instructor. The "NR" must be replaced with a regular grade. A letter grade for outstanding NR's must be reported to the Office of registration and Records not later than the last day of the sixth week of the next term of registration. Unreported NR's by deadline become "F" grades.

Any course in which a grade of "C-" through "F" is received may be repeated; credit toward the degree (hours earned) may be received only once. However, the hours and quality points represented by each attempt will be included in the grade point average (GPA). See **Freshman Forgiveness Policy** for an alternative option available to students during their first 32 hours of coursework.

Grades are not given for non-credit (audit) work. A student who desires a grade in a course must take it for credit. Courses are offered on a credit or audit. A student taking a course on an audit basis will agree with the course instructor to participate in certain aspects of the course (often this is class attendance). If this agreement is fulfilled, the course instructor will authorize the registrar to indicate on the student's transcript that the course was taken on an audit basis. If the agreement is not fulfilled, no record of the student's participation in the course will appear on the transcript. Changes from audit or visitor to credit may not be made after the first week of the semester.

S/U Grading (Pass/Fail): In order to provide students the opportunity to explore a greater variety of academic disciplines outside their major fields and at the same time reduce the stress of competition with majors in these disciplines, Baldwin-Wallace has instituted a "satisfactory-unsatisfactory" (S/U) grading system. Performance in a course equivalent to the traditional "A+" through "C" level will be considered satisfactory (S), while a "C-" through "F" level of performance will be deemed unsatisfactory (U). Students earning an "S" grade will receive credit toward graduation for the course. A "U" grade will appear on the student's transcript but will not provide credit toward graduation. S/U grades do not affect the student's grade point average (GPA). The S/U option is designed to operate on two levels and may be initiated either by the faculty or by the individual student as stipulated below.

- **Faculty Option:** The S/U option may be used, with the approval of the Curriculum Committee of the College faculty, for those courses in which the department concerned feels that the students taking the course cannot be successfully graded according to the traditional "A+" through "F" system. There is no limit to the number of such courses a student may take.

- **Student Option:** Sophomores, juniors and seniors not on academic probation may also elect a maximum of four credit hours per semester, up to a maximum of 20 credit hours, to be graded on an S/U basis. The courses in which this option is exercised may not be courses in the student's major department or specifically required as part of the major. All other courses, including the general curriculum requirements, may be taken under this option. The decision by the student to take a course on this basis must be declared to the registrar by the last day of the fourth week of the term. The student may, within the same period, nullify the election of this option. Students being graded under the S/U option must fulfill all requirements of the course.

Freshman Forgiveness Policy

A course that a student takes during the first 32 credit hours of his or her enrollment at Baldwin-Wallace College can be repeated. The grade obtained in the first attempt is removed from the calculation of the GPA and is designated with a symbol signifying that the course was repeated and that the original grade is not included in the GPA calculation. The grade obtained on the second attempt is used to calculate the GPA, even if it is lower than the first attempt.

A course can only be repeated once under this policy. The credits of the repeated course count only once toward graduation requirements.

This policy does not apply to students transferring 32 or more credit hours; it applies, however, to students who are transferring fewer than 32 credit hours, as long as the course that is repeated was taken at Baldwin-Wallace College before the student earned 32 credits.

A course must be repeated at Baldwin-Wallace College the following semester, or the semester during which it is next offered, for the student to be able to benefit from this policy. Any course can be repeated under this policy, as long as the first attempt was taken at B-W within the first 32 credit hours of college work of the student.

Graduation Requirements

It is the responsibility of the student to meet all requirements for graduation. Students are eligible for the bachelor's degree when they have fulfilled the following requirements:

1. They must have completed at least 124 semester credit hours. These 124 credits must include the requirements for a major and a minor in an academic area, in addition to the general core curriculum requirements.
2. No more than 60 credits in a single department may be accepted toward the credits required for graduation, except for the Bachelor of Music, the Bachelor of Music Education, and Bachelor of Science in Education degrees.
3. They must have at least a 2.00 grade point average.
4. All financial obligations to the College must have been met.
5. Students are required to complete their last 32 of the 124 credits, or one-fourth of their academic program, required for graduation at B-W. Special requests for transient status in the last 32 semester hours must be approved by the Registrar.
6. They must successfully complete the comprehensive examinations if required by the major department.
7. Students must participate in any assessment activities for which they have been selected unless they have been excused by the Assessment Director.
8. Students must file an application for graduation no later than the beginning of the semester preceding the one in which they expect to graduate. Applications are available in the Registrar's Office. In order to participate in the Commencement ceremony, candidates must have completed all degree requirements by the end of the spring semester or must have no more than seven credit hours outstanding. Students with requirements yet to complete after Spring semester will be required to submit to the Registrar a written Completion Plan including specific courses to be finished by the end of Fall Semester. Completion Plans must be signed and approved by the student's faculty advisor and the chair of the major department or division. Applicants not meeting the above criteria will be removed from the Commencement ceremony list. A special exception to this rule will be made for those students who are candidates for teaching licensure and who have yet to complete their student teaching (10 credits) plus two required concurrent seminars (one credit each) in the fall. These 12 credits are not counted as part of the seven hour limit. Completion plans for education majors must be filed with the Registrar as above.
9. Graduating seniors are expected to attend the Commencement exercises, unless they have notified the Office of Registration and Records in writing that they do not plan to participate.

Comprehensive Examinations

As a part of graduation requirements, some departments require a comprehensive examination. The comprehensive examination is intended to evaluate the student's progress toward completion of a major. The methodology and content of the comprehensive examination vary from department to department. A description of individual department requirements is available to students in the major department. A student who declares multiple majors must satisfy comprehensive examination requirements for each major as indicated. It is the responsibility of each student to satisfy all major requirements before graduation.

Graduation with Honors

Honors are based on all undergraduate work at Baldwin-Wallace. Candidates for academic honors at the end of the senior year are recognized at Commencement. Eligibility is determined by the completion of at least 124 credit hours of study with the following minimum grade point averages:

For a degree <i>cum laude</i>	3.400
For a degree <i>magna cum laude</i>	3.600
For a degree <i>summa cum laude</i>	3.800

In order to receive a diploma with academic honors, a student must have completed at least 40 of the 124 credit hours, or one-third of their academic program, at Baldwin-Wallace in courses graded A+ through F.

Transfer students are eligible to graduate with honors provided their grade point average earned at Baldwin-Wallace meets the stated minimum requirements. In addition, all college or university credits attempted within a ten-year period prior to enrollment at Baldwin-Wallace, including credits not accepted in transfer and credits earned in transient, will be included in calculation of the grade point average for honors consideration. Credits earned eleven or more years prior to enrollment or readmission to Baldwin-Wallace and accepted in transfer may be excluded from the credits earned toward degree requirements and the calculation of the grade point average for honors consideration upon the request of the student; requests must be made prior to the completion of 100 credits earned toward degree requirements. Transfer credits cannot qualify a student for higher honors than those earned at Baldwin-Wallace.

Dean's List

Degree-seeking undergraduate students with superior academic standing are recognized each semester by the Academic Dean. Any day, evening or weekend student who achieves a GPA of at least 3.5 for seven or more graded hours in fall or spring semester will be placed on the Dean's List. The criteria for Summer Dean's List is achievement of a GPA of 3.5 for at least five cumulative credit hours. The Dean's List is published each semester. Any pending grades must be removed before the GPA for that semester is established. To be eligible for Dean's List, no student may have a grade of U (unsatisfactory), I (incomplete) or WX (withdraw failing).

Academic Assessment Program

In keeping with its mission to develop a climate for learning which will provide each student with the maximum opportunity for academic growth, and in response to a mandate to all schools accredited by the North Central Association of Colleges and Schools (NCA), Baldwin-Wallace College has developed a comprehensive plan to assess student academic outcomes. By determining what Baldwin-Wallace College students learn during their college careers, the College hopes to continuously monitor its academic program and make improvements as needed.

Baldwin-Wallace's Assessment Plan focuses on measuring academic outcomes (performance) at appropriate points during students' college careers. To this end, students will be assessed at both the core curriculum level and at the department (major) level. The College will make both aggregate and group level comparisons of student performance over time as well as longitudinal comparison on individual students. Implementing the Assessment Plan requires the participation of students primarily in their freshman and senior years. It is possible that a student may participate as a freshman but not as a senior, or vice-versa. Departmental assessment plans may require more frequent student involvement. When a student is selected to participate in an assessment activity, participation is required; refusal to participate may affect registration and/or graduation eligibility.

For the College-wide assessment, randomly selected students will be asked to participate in at least one of a variety of assessment instruments. One venue used to assess freshmen will be Freshman Experience (COL 101), where taking part in assessment may be required as part of the COL 101 course. Refusal to participate in an assessment activity may affect a student's COL 101 grade.

It is important to note that when a student does participate in one or more assessment activities, in no way will the student's performance in the assessment activity affect a course grade, graduation eligibility, class rank or overall grade point average.

Section II

UNDERGRADUATE ACADEMIC OPPORTUNITIES

In addition to established courses and programs of study that fulfill requirements for the College core, majors, minors, and electives, the following credit opportunities are available to undergraduates at Baldwin-Wallace.

Advanced Placement Program

Advanced Placement (AP) examination scores prepared by the College Entrance Examination Board in the following subjects will be considered for credit at Baldwin-Wallace: history of art, studio art, biology, chemistry, computer science, economics, literature and English composition, French, German, government and politics, American and European history, Latin, mathematics, physics, psychology, and Spanish.

Baldwin-Wallace College recognizes the merits of the Advanced Placement Program and awards credit as appropriate. Students who present a score of 3, 4 or 5 in the Advanced Placement Program examination may be awarded credit, with placement and course equivalents determined by the academic department.

The program is administered by the Registrar who processes credit awards and notifies students concerning application of credit and placement.

International Baccalaureate Program

Baldwin-Wallace College recognizes the merit of the International Baccalaureate and awards credit as appropriate for higher level examinations on which the student scores a 5, 6, or 7. Subjects that may be considered for credit upon approval of the appropriate academic department are English Composition, Foreign Language, Biology, Chemistry, History, Mathematics, Physics and Psychology.

The Honors Program

The Honors Program is a series of five to six intellectually challenging courses that represent the commitment of the College to provide academically talented students with special opportunities to explore the human condition.

The Honors Program

Computer Code HON

Minimum credits required: 22 (plus prerequisites as indicated)

Required Courses

LAS 150H	Enduring Questions in an Intercultural World	3 credits
HON 151	Enduring Ideas	4 credits
HON 200	Taught by two professors from the perspective of at least two academic divisions ¹	4 credits
College Core Courses with H designation or HON prefix ²		3 or 4 credits each
AND / OR		
LDR 202H ³		3 credits
AND / OR		
Explorations in Honors ⁴		3 or 4 credits
AND / OR		
Honors Thesis		3 or 4 credits

Total Honors Program 22-24 credits

¹ This course should be completed by the end of the sophomore year.

² Non-Honors Program students of sophomore status or higher who have obtained at least a 3.5 GPA may elect these courses.

³ Students will receive additional assignments to satisfy the LDR 202 prerequisites and receive honors credit by doing additional work that addresses the objectives of the Honors Program.

⁴ Students receive honors credit by doing additional work that addresses the objectives of the Honors Program.

Honors credits in excess of 22 hours will be applied toward the College Core.

The courses in this program are designed to address the three main objectives of the Honors Program. These are to foster critical thinking, establish interdisciplinary inquiry, and encourage appreciation for the context and evolution of ideas.

Honors Program Courses open to invited freshmen only: 12 credits (3 courses).

LAS 150H (3 credits): This course is open only to students formally accepted into the Honors Program starting Fall 2005. This course is a common experience for all students. It investigates cultural differences and explores the influence of culture upon human values and perceptions. Students will read influential texts from the humanities, social sciences and natural sciences. Honors students will also participate in either a course-related study tour, a service learning project or a scientific investigation.

HON 151 (4 credits): All Honors students will take a course entitled **Enduring Ideas**. Enduring Ideas will access a body of knowledge and establish a mode of inquiry that centers on important ideas, and how they have evolved over time. These courses will use examples from "great works" to address fundamental questions of humanity. Can the world be made a better place by human reason? What does it mean to be a citizen? What is justice? What role does violence play in our society? What modes of inquiry do we use to discover knowledge, and how do they differ across disciplines? These are illustrative; many other ideas may be examined in these courses.

HON 200 (4 credits): HON 200 is team-taught by two professors from the perspective of at least two core division perspectives (Humanities, Natural Sciences, Social Sciences). The themes range from the narrow to the broad. This interdisciplinary approach is intended to help the student understand how different disciplines address current problems, how thinking has evolved, and how to integrate modes of thinking across disciplines. This course should be completed by the end of the Sophomore year.

Honors Courses (Open to Honors Program students and to non-Honors program students with at least a 3.5 GPA.):

The remaining courses required to complete the Honors Program will be selected from special offerings in the College core curriculum. Each semester, several courses will carry an H suffix, or have an HON prefix. H or HON courses will be offered by the Divisions of Humanities, Natural Sciences and Social Sciences. These courses will be designed to be academically rigorous and relevant to Honors Program goals. Courses with the “H” designation may be applied to the College core. Students will **not** be awarded credit for duplication of courses; for example, PSY 110 and PSY 110H.

Explorations in Honors (3-4 credits): Students may participate in one of the College’s Explorations programs and receive honors credit by doing additional work that addresses the objectives of the Honors Program. Interested Honors students will work with the Director of Explorations, the Director of the Honors Program, and the particular faculty member teaching the course, to develop a proposal for which honors credit could be awarded. Registration will be appropriate to the particular Explorations program; normally we anticipate Honors students will register in a course which is part of the Explorations program with an H appended to the course number, or offered with an HON 050 designation.

LDR 202H Leadership in Honors (3 credits): Students may elect to take the second course in the sequence of the Brain Leadership program, entitled “Contemporary Leadership Problems.” Students will receive additional assignments to satisfy the LDR 202 prerequisites, and will receive honors credit by doing additional work that addresses the objectives of the Honors Program. Interested Honors students will work with the Director of the Leadership Program and the Director of the Honors Program to develop a proposal for advanced work for which honors credit will be awarded.

HON 499 Honors Thesis (3-4 credits): This Honors Program elective, 3-4 credits, will be offered on an independent study basis. It is suggested that students take this in the junior or senior year. The thesis should address broad academic questions on themes relevant to Honors Program objectives. This Honors Program elective is open only to students who have successfully completed Phase I of the Honors Program. The thesis has two readers.

- **Admission into the Honors Program:** There are two ways a student can participate in the Honors Program: (1) Entering students who meet general criteria for candidacy will receive invitations to apply for the Honors Program. These criteria include superior high school graduation rank, high SAT or ACT scores, and other criteria relevant to academic performance. In addition to the students who meet the established criteria, other qualified students may be issued invitations to apply based on recommendations of the admission staff of the College in collaboration with the Honors Program Director. Students selected to participate will receive special orientation information. Honors students will receive appropriate acknowledgment on their transcripts upon completing all of the requirements of the Honors Program; (2) Students of sophomore status or above and who have earned a minimum GPA of 3.5 may enroll in Honors offerings with the HON prefix or H appended as noted above and as designated in the course schedule. These students are not eligible to complete the entire Honors Program.
- **Honors Recognition:** All courses in the Honors Program must be taken for a letter grade, A+ through F; they may not be taken on an S/U basis. Students who successfully complete the required Honors courses with an average of at least 3.0 in those courses will, upon graduation, receive appropriate recognition on their transcripts.

- **The Honors Program and College Core Requirements:** Students who complete the Honors Program will complete a minimum of 22 credits and those credits will satisfy a portion of the College core requirements in the Humanities, Natural Sciences, or Social Sciences. Students enrolled in the Honors Program must satisfy the English and Mathematics requirements for the College or their equivalents (advanced placement etc.). Also, students must fulfill the International Studies requirement. The remaining 21 credits required to fulfill the core must meet area and credit requirements as specified in the College core requirements; see Section VIII for further details.
- **Honors Program and the Core: *What's left after the Honors Program***

English Composition: ENG 131	3 credits
Health and Physical Education (HPE 110W and 1.5 credits of activity, technique or wellness courses)	2 credits
Cultural Heritage in the Humanities	3 credits
Mathematics: MTH 136	3 credits
Natural Science (minimum of one lab course)	3 credits
Social Science (minimum of one course)	3 credits
Fine Arts	4 credits
Total <i>outside</i> Honors Program	21 credits
Honors Program courses	22-24 credits
Total credits applied to College requirements	43-45 credits

If more than 22 credits of Honors program credits are taken, the number of “additional credits” can be reduced accordingly.

Departmental Thesis/Project

The Departmental Thesis/Project gives juniors and seniors the opportunity to do intensive work in a particular subject. Students develop their study under the direct supervision of a faculty member as approved by the head of the department or program in which the study will be done. The departmental thesis/project is intended to afford students an opportunity to engage in study of a significant field of knowledge, to carry on original investigation when possible, and to further develop their abilities of self-expression.

Juniors and seniors may undertake a departmental thesis/project if they have the permission of the head of the department or program in which the work is to be done, and they meet the criteria, including the minimum GPA, established by the department for the thesis/ project. Although most departmental thesis/project work is taken in the students’ major field, students may complete work on a special academic interest in a department other than their major.

A student may not pursue more than four credits toward a departmental thesis/project per semester, and no more than 12 total credits of such work may be counted toward graduation requirements; however, individual departments or programs may set a lower limit on total credits allowed for a thesis/project.

The departmental thesis/project is not to serve as a substitute for any courses offered in the organized curriculum. At the discretion of the department chair and the Curriculum Committee, however, the student who has completed work graded “A” or “A+” may be excused from a required course that covers similar material. Thesis/project credit may be applied toward minimum requirements for a major only at the discretion of the department or program head and the Curriculum Committee.

Students completing a departmental thesis/project are expected to present a paper or comparable product showing the results of their studies. Guidelines for the format of the paper are available from the office of the Academic Dean. Creative work in the arts may be substituted

for a paper where appropriate. For further details on criteria and format of a departmental thesis/project, students should consult the department or program in which the work will be done.

At the conclusion of a departmental thesis/project, the student is given an oral examination by the department or program concerned, but not solely by the faculty member under whom the work was done. Rather, it is customary to invite one or more faculty members from other departments or programs to attend the oral examination.

A departmental thesis/project must be graded; it may not be taken S/U. Through the generosity of Dr. James M. Ruegsegger, a 1922 graduate of Baldwin-Wallace, "A" and "A+" theses/projects will be bound and available for reading in Ritter Library. All students who complete a departmental thesis/project with a passing grade will, of course, receive credit.

When exceptional circumstances seem to justify modification of the departmental thesis/project guidelines and requirements, the changes may be made only with the approval of the Curriculum Committee and the head of the department or program in which the work is to be done.

Independent Study Program

Independent study is designed to encourage the study of academic topics beyond those included in the course offerings of the College, providing an opportunity for students to explore an area of special interest. Approved independent study proposals may not duplicate a course presently in the curriculum without permission of the department. Independent study is an individualized academic investigation carried out by a student under faculty supervision. Any full-time or part-time student who is sophomore status and has a GPA of 2.00 or better may participate in an approved independent study.

All independent study proposals, including the number of credit hours requested, must be submitted in writing to the department in which the project will be undertaken. The participating student and the supervising faculty member will jointly establish the detailed format, time schedule and number of tutorial sessions deemed necessary to attain the goals of the proposal. The independent study form with the established details must be signed by the participating student, the supervising faculty member and the department head. These signatures will constitute departmental approval of the proposal.

The number of credit hours granted for any independent study proposal will be determined by the quantity of work involved, with a possible guideline of 45 clock hours of work on the study per credit hour. Usually independent studies will range from one to four hours. Under normal circumstances no more than four credit hours of independent study will be permitted in one semester. A maximum of 20 credit hours of independent study may be applied to the total credit hours required for graduation, and no more than 10 credit hours of independent study may be earned in any one department.

Independent study projects may run more than one semester and will be considered completed upon presentation of an oral or written report or other demonstration of proficiency as established by the department. The quality of the student's performance will be evaluated on an S/U basis by the supervising faculty member.

Students have the option of having their independent study project graded on the A+ through F system. The students' choice of the A+ through F system must meet the approval of the supervising faculty member. The students must declare their intent concerning the grading system to the registrar no later than the fifth day of classes of the semester in which the project is undertaken.

Requests for approval of independent study proposals in excess of four credit hours should be prepared as a normal request, and then a copy of the signed, departmentally approved proposal

must be submitted to the dean of the College one month prior to the date which officially closes the semester preceding the semester in which the project is to be undertaken. A student who is granted approval for a project in excess of four credit hours must submit a copy of the results of the study to the department involved. If the result of the project is other than a reproducible paper or report (e.g., a work of art), a brief description of the work will be accepted. Credit for the independent study will be recorded upon receipt of this product.

Internship Program

The Internship program was established to provide students with meaningful work experiences that directly relate to their career goals. Credit is awarded to students who successfully complete an Internship under the course number 070, 060, or a Department/Division course number especially designated for specialized field or clinical experience. The Internship Program offers students the opportunity to:

1. Explore career objectives through career-related experience;
2. Apply theory learned in the classroom to practice in a work setting;
3. Obtain experience that will aid in pursuing a career following graduation;
4. Develop core skills and personal attributes applicable to the professional world.

General guidelines for the Internship Program are:

1. Internship projects are defined as individualized professionally-oriented experiences undertaken with faculty supervision to supplement or complement the student's academic program. Student projects involve working in organizations such as art galleries, banks or financial institutions, educational or research organizations, hospitals, museums, religious, social or political institutions, sport, recreational, or wellness programs, and information technology. Note that internships differ from independent study, which is an individualized academic investigation conducted by the student under faculty supervision.
2. Departmental participation in the Internship Program is optional.
3. A student participating in the program must be at least a sophomore with a 2.0 GPA or better, must attend the **internship workshop** presented by **Career Services** and meet the criteria established by the department/division and Career Services for the successful completion of an internship. Student must acquire and complete an **Internship Pre-approval Form** in Career Services to begin the registration process.
4. Registration for internship credit must have a signature of approval from faculty coordinator, department chair, employer supervisor, and Career Services. Faculty coordinators, Career Services and students agree before the internship begins on the number of credits to be awarded based on the goals, objectives, and action plans developed in the learning contract. For each credit hour earned, students must work a minimum of 45 hours in activities that support the learning contract. The maximum number of Internship credits a student can earn in any given semester is 12. A student is permitted to apply up to 13 total credit hours of Internship as electives in their major or minor area of study toward graduation requirements. **Internship paperwork must be submitted within the first two weeks of starting the internship.**
5. Award of credit is based on the successful completion of the learning contract established by the faculty coordinator, employer supervisor and the student in cooperation with Career Services. An employer supervisor is required to provide supervision and ongoing feedback for the student. It is the student's responsibility to ensure that the student and employer evaluations are submitted. A grade will not be posted until the Supervisor Evaluation Form from the employer and Student Evaluation Form with the faculty coordinator's is submitted to Career Services. Internships are graded on a satisfactory/unsatisfactory basis.
6. The approval of the Development Services Committee is required whenever an individual wishes to attempt an internship, independent study, or a combination of the two, that exceeds 12 credits in any single semester.

7. No more than 13 credit hours earned in internship may be counted toward the minimum of 124 semester credit hours required for graduation. Exception to this limit must be approved by the Developmental Services Committee.
8. Credit earned in an internship may not be used to satisfy the College core requirements.
9. Departments/Divisions determine whether or not credits earned in an internship may be applied toward completion of a major.
10. Most internships are designated as **070** credit. However, some specific internship or clinical experiences are offered under a course number designated by a Department/Division. These internships are registered by the student through the Registration and Records Department. It is up to the academic department to also select to have it registered through Career Services. Examples include the following:
 - AMG 270 On-campus Internship in Arts Management
 - AMG 470 Senior Internship in Arts Management
 - BUS 470 Accounting Internship Program
 - CSC 470 Internship
 - EDU 406 Student Teaching —Secondary
 - EDU 411 Student Teaching — Special
 - EDU 416 Student Teaching — Elementary
 - EDU 417 Student Teaching — Music
 - EDU 418 Student Teaching — Music
 - HPE 470 Clinical Experience in Athletic Training
 - OLS 444 Senior Seminar—Integrating Practice and Theory
 - PSY 273 Introduction to Clinical Experience
 - PSY 473 Clinical Work Experience
 - SCT 335 Clinical Practice
11. Course assistants are undergraduate students who work with a B-W faculty member in the planning and implementation of a class. Students working as course assistants are required to meet all the expectations of the Internship Program if they are to receive credit. As in other internships, course assistants must have an employer (in-class faculty member) as well as a faculty coordinator and meet other criteria established by the division and the Office of Career Services. Credit for internships as a course assistant is designated under the number **060**. These are also graded satisfactory/unsatisfactory and require final evaluations to be submitted to Career Services for the grade to be released.
12. Participation in the Internship Program is an opportunity that carries with it responsibilities. Student participants are considered representatives of Baldwin-Wallace College. The College expects exemplary professional conduct and a student action or behavior that is unacceptable will result in termination of the internship and may lead to institutional sanctions.

For further details and/or assistance in participating in an approved internship, students should contact the Office of Career Services.

College Credit Recommendation Service

The College Credit Recommendation Service (formerly known as the American Council on Education or ACE) evaluates a wide range of business and military training for college equivalencies and keeps records of all individuals who have participated in these programs. Persons who have completed education/training at work (private industry or government) or in the military which is recognized by the College Credit Recommendation Service may be able to earn credit at Baldwin-Wallace College for those experiences.

Baldwin-Wallace is guided by the principles and recommendations of the Service's guidebooks when assessing requests for credit earned in this manner. The student must have College Credit Recommendation Service transcripts sent directly from the Center for Adult Learning and Educational Credentials to the Office of Registration and Records at B-W for consideration of credit. For information on credit or to receive a transcript contact The Center for Adult Learning

and Educational Credentials, College Credit Recommendation Service, Washington, D.C. 20036, (202) 939-9475.

The College Level Examination Program (CLEP)

The College Level Examination Program, an activity of the College Board, makes examinations available through which a student may receive credit toward the bachelor's degree. Two types of examinations are offered: five general examinations (English composition, humanities, mathematics, natural science and social sciences) and a number of subject examinations ranging from American Government through Western Civilization.

The faculty of the College recognizes the merits of CLEP and is prepared to make the following awards to those students who qualify:

1. In the general examinations, three credit hours each for English 111 College Composition and/or mathematics and six to eight credit hours each for the humanities, natural science and/or the social science examinations.
2. In the subject examinations: two to seven credit hours each for American Government; American History – Colonization to 1877; American History – 1865 to Present; American Literature I – Colonial to 1870; American Literature II – 1870 to Present; Analysis & Interpretation of Literature; General Biology; Calculus; Information Systems & Computer Applications; English Literature; College French – Level I, Level II; College German – Level I, Level II; College Spanish – Level I, Level II; General Chemistry; Introduction to Psychology; Human Growth & Development; Introduction to Management; Introduction to Accounting; Introduction to Business Law; Introduction to Marketing; Introduction to Microeconomics; Introduction to Macroeconomics; Introduction to Sociology; Western Civilization I; Western Civilization II.
3. In order to qualify for credit in any of the examinations offered in CLEP, the student must meet each of the following requirements:
 - a. The student may not receive credit for a general examination if he/she has already earned college credit in more than one discipline covered by the appropriate general examination.
 - b. The student may not receive credit for a subject examination that covers the same subject area in which the student has already earned college credit.
 - c. The student must achieve a score at or above the 50th national percentile.
4. Credits awarded from the CLEP program are considered transfer credit.
5. Further information concerning the details of the various examinations and registration procedures is available in the Evening/Weekend Program office.

Prior Learning Assessment

To participate in Prior Learning Assessment, the student must enroll in the two-credit course, COL 163, which helps students identify college-level learning already acquired, relates it to the curriculum at B-W, and assists the student in developing a portfolio. Permission to enroll in the course is granted through the Evening/Weekend Division. Regular tuition fees are charged for the course. The student must have completed an English composition course at B-W or another educational institution and at least six semester credit hours at B-W prior to course entry.

Upon successful completion of COL 163, the student develops an individual portfolio to document college-level learning. The portfolio is submitted for faculty assessment through the Prior Learning Committee for evaluation and determination of credits. There is no limit to the number of

credit hours awarded. Separate fees are charged for assessment of the portfolio and transcription of credit earned.

For more information, contact the Evening/Weekend Program office.

Explorations/Study Abroad

Baldwin-Wallace College offers study away opportunities in various countries around the world and across the United States. With an increased emphasis on globalization in the marketplace, off-campus study can be an integral part of any student's college education. Whether his/her major is art history, economics, or anything in between, studying abroad provides students with an invaluable learning experience. A study abroad program is not a simple sightseeing tour, but rather a wonderful opportunity that allows students to experience education and the daily life of a student in an international setting. Credits and costs for the majority of these programs are comparable to that of a semester at B-W. However, studying abroad fosters the type of personal and professional growth that may be difficult to find on campus.

Located on the second floor of the Strosacker Union, the Explorations/Study Abroad Office coordinates a variety of off-campus study options: faculty-led group study seminars (both domestic and international), study programs at foreign partner universities, summer programs, and short-term programs. Students may also research and design a study program to a destination of their choice. Explorations staff will help students register for the appropriate courses, advise on course selection, and provide pre-trip orientation.

Faculty-led seminars include:

Seminar in Europe: Students spend the first half of the semester taking classes relevant to the tour on the Baldwin-Wallace campus. In the second half of the semester, students travel to Greece, Italy, France, Germany, England and other countries. The Seminar in Europe experience is designed to encourage intellectual and personal growth through lectures and visits to sites of major importance in the development of Western culture. Members of the Baldwin-Wallace faculty accompany students on this study tour. This program is offered in alternating Spring terms.

USA Study Tour: This popular study tour takes up to 30 students on a semester-long, cross-country journey exploring the regional dimensions of American culture and history. Students may hike in national parks, volunteer in soup kitchens, participate in community service projects, meet with political and community leaders, visit leading-edge businesses across the country, and much more. The trip is designed and led by B-W faculty members. Credits are earned in several courses and applicable to the Core curriculum.

Seminar in Ecuador: This adventurous program provides comprehensive, integrated exposure to the cultural and ecological variety of Ecuador. Students expand their understanding of Latin America through coursework in Spanish language, Biology, and Literature. This semester-long program fosters understanding of the need for multi-disciplinary approaches to conserving the biological and cultural diversity of developing nations. A visit to the Galapagos Islands is often an option. Members of the Baldwin-Wallace faculty accompany students on this study tour.

Other programs include a 7-day geological excursion to Iceland, a 13-day art history tour and other short study tours. Contact Explorations for more information.

Institutional partners include:

Edge Hill College (England): Every semester over the past decade, Baldwin-Wallace students have lived and studied at Edge Hill College in northwest England. Located in the small town of Ormskirk, this picturesque setting is removed from urban noise and distractions, but city life is easily accessible. Regardless of major, students can select from a wide variety of courses and live in a residence hall on Edge Hill's self-contained campus. For student teachers, the Division of Education (in conjunction with Edge Hill) has developed a program whereby senior education

majors can student-teach at an area grade school. Student-teachers are supervised on location and all necessary certification forms are sent directly to Baldwin-Wallace.

University of the Sunshine Coast (Australia): Students attending USC study at a modern university that is small enough to ensure personal interaction between students and faculty/ staff, yet large enough to provide international learning, social, and cultural experiences. As one of Australia's newest institutions of higher education, USC's campus and course offerings have been carefully designed to meet the needs of both domestic and visiting students. USC has valuable links with community groups, professional organizations, neighboring universities, and research facilities. In addition, visiting students have the opportunity to intern in various academic and professional fields during their stay. Students can choose from a wide variety of courses in three main areas: Art and Social Science, Business, and Science. Baldwin-Wallace has been sending students to Sunshine Coast since Spring 2000. USC is located in the heart of Australia's Sunshine Coast region, ten-minutes from the beach and one hour from Queensland's capital, Brisbane.

Ewha University (Seoul, Korea): Ewha University was founded in 1886 and is one of the top tier Universities in Korea. The campus is located in an area of Seoul that is home to several universities and is only fifteen minutes away from the cosmopolitan downtown area by subway. There are opportunities for semester and yearlong study with courses taught in English plus the Korean language, from beginning to advanced levels. A six-week International Coeducational Summer Program in Asian Studies is taught in English to students from all over the world. Each year, more than 100 foreign students (from the U.S., Japan, Australia, Germany and more) attend this summer program. The purpose of this program is to promote an understanding of Asian and Korean culture, history, and socioeconomic conditions.

Washington Semester at American University (Washington DC): Baldwin-Wallace College has been a partner institution with the Washington Semester program for over 20 years. Juniors and Seniors in a variety of majors are eligible to attend American University and carry out an internship in a government agency, a nonprofit organization headquartered in Washington, an arts organization, the communications industry, or in a community service organization. The courses and research projects are designed to increase the understanding of national and international issues in a variety of fields. American University has scholarships to help defray the difference in cost between attending the Washington Semester and a semester at Baldwin-Wallace College.

Self-designed Study Abroad Programs:

In addition to our faculty-led group study tours and partner programs, the Explorations staff will assist any student who wants to set up an individual program of study virtually anywhere in the world. Whether a student wants to study history in Vienna or marine biology in Australia, we can assist him/her researching various program options. Students can consult a library of print and online information on institutions throughout the world in the Explorations/Study Abroad Office. For more information, call 440-826-2231, check out www.bw.edu/explorations, or stop by our office on the second floor of the Strosacker College Union.

Carmel Living Learning Center

The Carmel Living Learning Center (CLLC) provides a residential setting for B-W students who have similar academic goals and interests and who are also enrolled in at least one common course each semester during the academic year. The CLLC offers a collaborative living and learning environment that incorporates increased student-faculty interaction in the context of social and academic networks designed to enhance the educational experience. The specific program options for each academic year are developed by B-W faculty and described in the B-W course schedule. Students apply for residence in the CLLC and admission into the academic programs on a yearly basis. CLLC program faculty both teach the classes and work with the Student Affairs personnel to design a learning process that enriches the academic experience through appropriate co-curricular assignments and activities. CLLC courses may count toward the college core or appropriate majors.

Section III

ACADEMIC SUPPORT SERVICES

Academic Advising

Academic advising is available to all students who are admitted to Baldwin-Wallace College. Advising for day students is provided by faculty and coordinated by the staff of the Academic Advising Office, located in Bonds Hall. Every student who has declared a major will be advised by that department or division. An undecided student will be assigned an advisor in an area of interest.

While academic advising is a process of communication and information exchange between student and advisor, the ultimate responsibility for program and course selection rests with the student.

Career Services

Career Services helps each undergraduate student in create and implement a career plan during college that will facilitate and lead to employment or graduate school enrollment upon graduation. In addition, the office works with students to gain the necessary professional skills to succeed in a competitive global society.

Students may meet with a career advisor to discuss their future career plans and options or to explore career opportunities. Advisors are available to assist students with career decision-making, academic major selection, resume and cover letter writing, interview preparation, graduate school preparation and to help students consider employment offers. Call 826-2101 or stop in Career Services in Bonds 104 to schedule an appointment.

CareerPlace Resource Center – Browse more than 350 books, publications, resources, and directories about careers, industries, and job search techniques. Career Services staff members are available to identify resources for you. CareerPlace is located in Bonds 104.

CareerPlace Handouts - A variety of handouts are available to help students write a resume and cover letter, obtain information about B-W's internship program, and to get tips to help them with their job search.

Discover Yourself - Students may explore their values, interests, skills and personality to better understand who they are so they can make informed academic and career-related decisions. Four self-guided activities: the "*Career Values Card Sort*," "*Discover Online*," the "*Myers-Briggs Type Indicator*," and "*SkillScan*" will help students identify and consider career and educational options that are a good match for them.

Internships – B-W's Internship Program has been in existence for almost 30 years and provides students with an excellent opportunity to test potential career paths or to gain career-related experience while they earn academic credit. Students are encouraged to obtain and participate in 3 consecutive internships before graduation, beginning with the summer between their freshman and sophomore years. Students may learn more about the internship program by attending an internship orientation session sponsored by Career Services every Tuesday at noon, or, students may meet with a career advisor individually to explore internships listed through Career Services.

Career and Internship Expo – Career Services sponsors a Career and Internship Expo each year. Over seventy organizations attend the event. This is a great opportunity for students to learn about and connect with employers.

On-Campus Recruiting – Employers visit campus each year to recruit students for full-time and internship positions. Students may view the interview schedule through their B-W Career Network account.

B-W Career Network – Students may obtain a user account for this Web site to search for internship, part-time and full-time employment opportunities on-line 24 hours a day. The *B-W Career Network* also informs students of upcoming career-related programs and special events and is a very useful tool for exploring careers and industries.

Career Services Homepage – Visit <http://ww.bw.edu/career> for the latest information on programs services and resources.

Graduate Study

The College encourages students to continue their formal education in graduate programs. Specific advice and information concerning graduate work may be obtained from the faculty members in the student's major department. The Office of Career Services offers a graduate school workshop each semester and extensive resources on graduate programs and admission tests. The College also maintains a library of information in Ritter Library relating to graduate and professional programs, graduate fellowships and graduate scholarships.

Testing for Graduate Admission

The Academic Advising Office provides information of the Graduate Management Admission Test (GMAT), the Graduate Record Examination (GRE), and the College Level Examination Placement tests (CLEP). Students interested in the Law School Admission Test (LSAT) should contact the department of Political Science, and students interested in applying for medical school should contact the department of Biology for information on the Medical College Aptitude Test (MCAT).

Ritter Library

Ritter Library has a book collection of more than 200,000 volumes. The Library subscribes to approximately 700 print journals and provides on-line electronic access to over 19,000 journals. Approximately 145 on-line databases are available for student use, including ERIC, Academic Search Premier, Lexis-Nexis, and PsycINFO and PsycArticles. Through OhioLINK, an Ohio-wide academic library consortium, Baldwin-Wallace students have borrowing privileges at most of Ohio's other academic libraries. Ritter's professional staff assists students in using the collection and advising on access to off-campus resources. Ritter Library's 42 student-use computer workstations provide a large variety of software programs and allow students to access the Internet.

Information Technology

The Department of Information Technology provides computing, networking, multimedia, telecommunication, and educational technology services and support to the students, faculty, and staff of Baldwin-Wallace College.

Facilities

All campus buildings, including residence halls, are connected to the gigabit fiber optic network, which provides access to the Internet (DS3 line with Internet2 access), the campus intranet (Yellow Jacket Portal), e-mail, networked databases and printers, application services, file storage, the library catalogue and databases, Blackboard Learning System (a web-based course management tool), and Web Express (the College's ERP system). Wireless access is currently available at Ritter Library, Wheeler Hall, and in the M/CS building. Most other academic buildings and residence halls are scheduled to be configured for wireless capability in the summer of 2005.

Twenty-seven computer labs across campus housing more than 460 computers offer access to the Internet and B-W network. These labs feature MS Office, web-authoring tools, graphic design packages, computer simulations, statistical software, programming languages, and discipline-specific software. Three labs have 24-hour access: North Hall, Hanson Hall, and Math & Computer Science (M/CS) building. In addition, the CyberCafe (located in the basement of the Strosacker College Union) offers Internet access in a coffeehouse atmosphere.

B-W also provides a Multimedia Lab for student use. Located in the M/CS building, this facility allows students to scan images, digitize and edit audio/video, build web pages, design graphics, burn CD's, and create computer animations.

Ninety-one academic classrooms and meeting facilities across the campus have multimedia podiums featuring data projectors, VCRs, desktop computers, and laptop connections.

Student Access

Over 90% of all students living in residence halls are using their own PC to connect directly to the B-W network. Each room has one active/live data port per student. Resident students also receive free anti-virus software and available updates via the network. All rooms have a telephone jack(s) and each student receives an individual voicemail account. Unlimited free local phone service is provided.

Web access is available to obtain class schedules and grades, register for courses, print unofficial transcripts, and program evaluations (to track progress in meeting degree requirements). Additional web services are planned for the next several years.

Many instructors at Baldwin-Wallace College integrate technology into their curriculum. Faculty members frequently distribute course materials electronically; therefore, students are expected to have access to, and a working knowledge of, basic computer software such as word processing and e-mail. Students are also encouraged to use technology to write reports, store class notes, run specialized software, and access the Internet to supplement classroom materials. While residential students can connect to the network from their rooms, commuter students can access course materials in the computer labs or over the web using a personal Internet Service Provider (ISP) such as AOL, MSN, or NetZero.

All students have access to the Yellow Jacket Portal – a customized gateway to all the diverse resources and materials available to the B-W community. Each student has the ability to customize a home page with links to resources used most frequently and receive announcements and information specific to his or her role on campus. Most student organizations also have sites available on the portal to communicate with interested participants.

The Learning Center

The Learning Center provides support for students through a variety of programs and classes that are designed to improve academic performance.

Offerings include:

- Study skills classes
- Drop-in mathematics lab
- Free tutoring
- Personal assistance in test-taking and time management

The B-W Writing Lab

The B-W Writing Lab provides an opportunity for those who do not have departmental tutors to come for assistance with writing problems. The Lab offers professional tutors who help on a one-time or continuing basis with anything from generating a thesis to developing and organizing

ideas, to providing guidance regarding documentation, style, and mechanics. Proofreading services are not provided. The Lab also has a library of writing reference books and files of helpful handouts.

ASSIST Program

This program is an alternative to academic suspension. When a student's grade point average falls below College requirements, the student is referred to the ASSIST program where his or her academic strengths and weaknesses are evaluated. Additionally, the student is offered assistance in college study skills and time management, is made aware of campus resources, and receives assistance in understanding the attitudes and behaviors necessary to becoming a successful student.

Upward Bound Program

Upward Bound is a federally funded pre-college program for high school students from economically disadvantaged areas. Eligible students are helped to acquire the competencies, attitudes, and behaviors necessary for graduation from high school. The goal is to prepare students to successfully complete a program of post-secondary education. Upward Bound recognizes that a successful student must have meaningful experiences inside and outside of the classroom. Therefore, Upward Bound offers a program of rigorous academic support, advising and individual tutoring in addition to social, intellectual, cultural and recreational activities. Upward Bound seeks to nurture and encourage its participants to achieve their highest potential as individuals and as students. Upward Bound operates year round. The major components are a six week simulated college experience during the summer and academic enrichment workshops held on Saturday mornings during the academic year. For more information contact the Upward Bound Program at (440) 826-2208 or UpwrdBnd@bw.edu.

Academic and Cultural Events Series (ACES)

ACES provides an opportunity for an enriched learning environment by co-sponsoring with academic departments and student organizations many programs of intellectual and cultural interest throughout the academic year. ACES provides a broad range of events encompassed in five programming areas which include: (1) Guest speakers and panels on current topics in the news; (2) concerts, workshops and master classes in the performing and visual arts; (3) field trips; (4) films, books and audio-visual materials pertaining to leadership and diversity and (5) special interest and multicultural programming. Faculty members may also request that ACES sponsor a program or a speaker as a supplement to a specific course they are teaching.

ACES also collaborates with other offices, student organizations and community area representatives to sponsor annual events like the Dr. Martin Luther King, Jr. holiday celebration, ethnic awareness, diversity programming, and music from around the world.

Disability Services for Students

The College will endeavor to provide reasonable accommodations for all students with documented disabilities while ensuring the academic integrity of its programs. Students with disabilities who are seeking accommodations should contact the Office of Disability Services, 106 Bonds Hall.

Baldwin-Wallace College does not discriminate in admission or treatment of students on the basis of disability. The College is committed to compliance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act as follows:

Section 302 of the 1990 Americans with Disabilities Act

"No individual shall be discriminated on the basis of disability in the full and equal enjoyment of the goods, accommodations of any place of public accommodation by any

person who owns, leases (or leases to), or operates a place of public accommodation."

Section 504 of the 1973 Rehabilitation Act

"No otherwise qualified, handicapped individual in the United States shall solely, by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

Section IV

UNDERGRADUATE STATUS AND POLICIES

Criteria Related to Status

Full-time status—Students who have met the entrance requirements and are enrolled in a program of 12 to 18 credit hours per semester. The average class load is 15 or 16 hours. The maximum load is 18 credit hours plus a physical education course of one-half to one credit hour. *Note: Advisor's consent is not required for HPE overload, however, there will be an appropriate tuition charge for each hour or portion taken in excess of full-time load (18 credit hours).* Students are not permitted to take more than 18 credit hours unless they have a cumulative GPA of 3.00 and written permission of their faculty advisor and the registrar. A class load below 12 credit hours carries the status of part-time student.

Sophomore, Junior, Senior status—To be ranked a sophomore, a student must have earned at least 25 credits; a junior must have earned at least 57 credits; and a senior must have earned at least 91 credits.

Probationary Status

Students on academic or disciplinary probation are subject to all of the following restrictions:

1. They may not hold any office in any student or College organization or activity.
2. They are ineligible to participate in varsity athletics.
3. They may not pledge, nor be initiated into, a national social fraternity or sorority.
4. They may not represent the College in any on- or off-campus event.
5. Other restrictions may be established for individual situations.

Explanations of both academic probation and disciplinary probation, in addition to a description of the levels of academic standing at Baldwin-Wallace College, follow.

Disciplinary Probation

A student whose behavior on or off the campus is in violation of established College policies, or who defames the name of the College, is subject to disciplinary censure. This censure may be in the form of warning, disciplinary probation, suspension or dismissal.

Academic Probation

Students working regularly toward meeting graduation requirements and standards are considered to be in good standing. Those whose progress is slowed because of poor grades or inadequate planning in meeting College requirements are placed on academic probation.

The basic goals of the probation system are threefold:

1. It serves to inform students when they are failing to meet the normal standards expected of college-level students;
2. It encourages students to spend more time on curricular activities;
3. It requires the student to reevaluate the motivation that prompted him/her to seek admission to the College and to consider whether or not these goals might better be pursued in some alternate course of action.

Since there are two distinct grading systems in use, two criteria to measure academic performance are used. These criteria are:

1. The semester and the cumulative grade point averages (GPA), computed on the basis of that portion of the student's course work which is graded on a letter-grade basis.

- The percentage of hours attempted in which a grade of “U” is earned.

With respect to these criteria, there are a series of plateaus to allow time for adjustment to the expectations of the College. The minimum levels of acceptable performance are:

Hours Attempted or Earned (whichever is greater)	Minimum Cumulative GPA Required	Maximum Ratio: Hours of “U” to Hours Attempted
1-11	—	—
12-26	1.70	0.30
27-42	1.80	0.20
43-59	1.90	0.15
60-124	2.00	0.10

Categories of Academic Performance

There are three categories of academic performance recognized by the College:

Good Standing — Students who are making satisfactory progress toward the completion of their degree requirements (see above). Special students are expected to maintain a 2.00 GPA each semester to remain in good standing.

Probation — Students who for the first time have failed to meet the minimum levels of academic performance specified under the category “Good Standing.”

Academic Suspension— Former students whose permission to register has been revoked because of failure to meet the minimum academic requirements specified above and below. Once suspended, individuals must remain on suspension for a minimum of one academic semester before applying to be reinstated. Students who are placed on Academic Suspension at the end of the Spring semester may not take summer classes and must remain on suspension for a minimum of one academic term (Fall or Spring) before applying for reinstatement (see Reinstatement, page 34).

Procedure for Changing Categories

The general procedure to be followed in changing a student’s academic standing will be:

- At the end of each academic semester, the registrar will ascertain for each student the GPA and the ratio of hours of “U” to hours attempted. An “I” grade will be referred to the Academic Appeals Board/Grievance Review Board for a ruling on academic standing.
- Each student will be placed in one of the three categories of academic standing described above. The minimum requirements to be satisfied for good standing will be determined on the basis of the total number of academic hours attempted or earned, whichever is greater as of the end of that semester. Students transferring to Baldwin-Wallace will be required to achieve at the academic level corresponding to the number of hours transferred plus the number of hours attempted at Baldwin-Wallace since transferring.
- A student who fails to meet the minimum level of performance for either of the criteria discussed above will be placed on probation and will be subject to the restrictions described above. A student will be removed from probation when both the cumulative GPA and the ratio of hours of “U” to hours attempted or earned are above the required minimal levels.
- A student placed on academic probation for the second time will be academically suspended. An exception to this would be a student who has completed fewer than 60 credit hours and earned a semester GPA of 2.00 or better for the previous semester. That student will be continued on probation while the record is reviewed by the Academic Appeals Board/Grievance Review Board during the subsequent semester.
- Students who are placed on Academic Suspension at the end of the spring semester

- may not take summer classes and must remain on suspension for a minimum of one academic term (fall or spring) before applying for reinstatement.
6. It is suggested that students who, in any semester, achieves a GPA of less than 2.00 consult their faculty advisor. Such students should consider the possibilities for improvement offered by the Learning Center and the Developmental Services .
 7. A full-time student who, in any semester, receives a semester GPA of less than 1.00 or receives a grade of "U" in more than 75 percent of the hours attempted that semester will automatically be placed in the category of academic suspension. A full-time student who drops a course, is graded on 7-11 remaining hours, and earns a GPA below 1.00 will be placed in the category of suspension. If a full-time student receives an "I" grade in one or more courses, but the graded courses result in a GPA below 1.00, the case will be referred to the Academic Appeals Board/Grievance Review Board for evaluation and a ruling of probation or suspension. This evaluation will be based on such considerations as the student's previous record, the reason for the "I" grade(s), and the quality of the work prior to the "I" being given.
 8. Students enrolled for fewer than 12 hours during any semester will be considered part-time students. They will be evaluated whenever they have attempted or earned enough hours to take them to the next acceptable performance plateau or at the end of every 15-hour block of hours attempted after they have attempted more than 60 credit hours.

Reinstatement

When a student has been suspended by the College for academic reasons, the only way that the student may return is to be reinstated by the Academic Appeals Board/Grievance Review Board. During the semester of suspension, or thereafter, the student may present a written application for reinstatement to the board. Applications for reinstatement can be obtained from the Academic Dean's Office or downloaded from the web (<http://www.bw.edu/resources/dean/forms>) and must be returned at least one month prior to the beginning of the semester in which the student hopes to return. The Board will study each case along with any supporting evidence from faculty and administrative personnel, parents, the student involved, and any other persons deemed by the Board to have pertinent evidence to offer. The Board will decide as a result of its study whether or not the student will be reinstated and, if so, the conditions under which reinstatement may occur, as well as the conditions which must be satisfied if the student is to remain eligible to register. The decision of the Board is final, although students may reapply in subsequent semesters. Unless permission has been obtained from the Academic Dean's Office, any work completed at another college while a student was suspended from Baldwin-Wallace will not transfer back to B-W unless approved by the Academic Appeals Board/Grievance Review Board.

Attendance Policy

The official non-punitive policy for college approved absences, and as such serves as a basis for any individual absence policy developed by a professor, is as follows:

It is the responsibility of the faculty member to have a clearly stated attendance policy included in each course syllabus. A professor may have a more lenient attendance policy if he or she wishes and if it is stated in the syllabus. In the absence of this, the College policy prevails. Furthermore, persons leading co-curricular activities will follow the official College absence policy giving priority to academic requirements. Persons leading co-curricular activities are expected to inform students of potential conflicts with other academic requirements within the first week of classes or at the time of registration. **No professor is required to excuse absences in excess of ten percent of class meetings.**

- A. The policy of the College is that all students are expected to attend all classes. It is realized, of course, that not all students will, or can, attend all classes.
Excused absences from class fall into the following three main categories:
 1. absences for field trips or activities directly involved with the academic program;

2. absences for official College functions and activities, such as intercollegiate athletic competitions and co-curricular activities of performing groups or individuals;
 3. absences for a death in the family, a serious illness, or a major religious holiday.
- B. Any student who wishes to be excused for reasons of “serious illness” must present some appropriate form of verification (e.g., a medical excuse) to the professor. In the absence of such documentation, the decision of whether or not to excuse is left to the professor’s discretion. Any student who wishes to be excused for sports-related, performance-related events or academic field trips must present the professor with advance notification (e.g., a letter signed by a coach or other faculty member) at the beginning of the term for scheduled events, and as far in advance as possible for events scheduled while the term is in progress.
- C. Regardless of reasons for the absence, the student is responsible for contacting the professor at the beginning of the term for scheduled events, and as far in advance as possible for events scheduled while the term is in progress. **The student is responsible for any work he/she may have missed due to absence, excused or unexcused.** It is up to the discretion of the professor to decide when, where, and how the missed work is completed.

Financial Obligations and Refunds

All College charges and fees are due in full on Friday of the first week of classes. It is suggested that all necessary applications for financial aid assistance be completed prior to the first day of classes. A finance charge will be added to any account balance remaining after the first week of classes. Monthly account statements will assess a finance charge, on any unpaid balance, until the account is paid in full. If full payment cannot be made by the first due date, the student should make alternate arrangements. The Bursar’s Office can assist with these arrangements to ensure that the account will be paid in full by the deadline.

For students and parents desiring to pay their educational expenses in monthly installments, a deferred payment program is available through Tuition Management Systems (TMS), a nationwide organization specializing in educational financing. Finance charges are not assessed to students enrolled in good standing in this payment plan. This plan includes insurance for the parent. Tuition, room and board charges can also be handled through this plan. The Cashier’s Office has detailed registration information.

Delinquent students will not be allowed to register for the next semester unless full payment of the account has been received prior to the student registration appointment time. Students/Families using the monthly payment plan Tuition Management Systems (TMS) must have budgeted enough to have the current semester charges covered by the registration appointment time, or the registration will be delayed until payment has been made. Students who are delinquent in meeting their financial obligations to the College are subject to additional restrictions. Certificates of credit (transcripts) or letters of honorable dismissal will not be issued. Diplomas will not be awarded. Students should contact the Bursar to make arrangements to resolve their delinquent status.

College tuition and all related charges are refundable based on the published refund schedule. First time B-W students receiving Federal Title IV funds may be subject to a different refund schedule as required by federal regulation. For additional refund information contact the Financial Aid Office. The refund percentages will be prorated for courses that are less than a full semester.

Withdrawals after the ninth week of the semester are permitted only for prolonged illness, change

of employment, or other circumstances beyond the student's control. All requests for withdrawal, before the end of a term, must be in writing and should be addressed to the College Registrar's Office (copy to the Bursar's Office). Refunds after the ninth week, when permitted, are made according to the published refund schedule assuming that the tuition and fees have been paid in full. Refund credits will appear on the student account.

For withdrawals before the first class at the beginning of the semester, 100 percent of the tuition charges are refunded. Room charges and Jacket Express account refunds will be on a prorated basis. For withdrawals after the semester begins, all of the balance remaining in the student's Jacket Express account is refunded. All refunds will appear as credits on the student account. Refunds of tuition, fees and other charges for financial aid students who drop courses or withdraw completely will be made in accordance with the policy listed in the *Guide to Financial Aid*.

Students who do not abide by the regulations of the residence halls or who show an unwillingness to cooperate with those in charge will be instructed to leave the residence hall. Any student leaving the residence hall or the College, under disciplinary action, is not entitled to any refund regardless of the time remaining in the term.

Educational Loans – College-based

Tuition and other educational expenses must be paid in accordance with Section IV – *Financial Obligations and Refunds* of the College Catalog. The College recognizes that a student may face circumstances which prevent payment from being made in accordance with this policy. In such cases the College will provide the student with additional time to make payment. This decision will be made by the Bursar on a case by case basis and reviewed each semester. Credit Extensions granted by the Bursar shall be evidenced by a signed Educational Credit/Loan Agreement. It is not necessary, however, for additional extensions of credit to be evidenced by a new Loan Agreement. Rather, the College will allow additional extensions of credit to be governed by the initial Loan Agreement.

Often the circumstances that create a need for this type of loan are not known or not communicated to the College at the start of a semester. It is important, however, for the student to communicate any financial need to the Bursar as soon as possible. Additionally, certain circumstances may require a co-makers' signature on a Loan Agreement for the extension of credit to be granted.

Policy on Academic Dishonesty

Baldwin-Wallace is committed to the growth and learning of its students and believes strongly that such growth and learning prospers best within a community of trust. We believe that academic honesty—the fair and straightforward representation of what one has learned, researched and/or written—is the foundation of a healthy environment for learning. Instructors, administrators, staff, and students alike are responsible for upholding high ethical standards of academic honesty in all academic endeavors, and the academic community of Baldwin-Wallace supports the policy that any form of academic dishonesty is a serious breach of ethics and shall be dealt with appropriately.

To show our commitment to academic honesty, members of the Baldwin-Wallace community must speak a common language in explaining the value of academic honesty and our expectations about honesty in our courses. This process means providing for each assignment appropriate guidance regarding what is and is not acceptable. We cannot assume that students have had such expectations spelled out for them before they came to College, nor can we assume that they share our values, particularly if they do not know what our values are.

We can further show our support by creating a climate at the College that encourages academic honesty and discourages academic dishonesty.

Finally, if academic dishonesty does occur, we should deal with it, not ignore it, by taking the violators through the appropriate College judicial procedures.

The following guidelines for how to address the problem of academic dishonesty, prepared by the 2003 Dean's Task Force on Academic Dishonesty and revised by subsequent faculty actions, are meant to provide the common language and commitment that we need if Baldwin-Wallace College is to uphold the value of academic honesty.

Community Actions to Promote Academic Honesty

Students

A. Unintentional Plagiarism

We recognize that much plagiarism in student writing and some "cheating" on assignments results from confusion over proper documentation methods and appropriate use of cooperative learning. We also realize that this confusion results in part from the justifiably different demands of different disciplines that can be difficult for our students to understand. To minimize this confusion, all instructors should take the following steps.

1. Tell students when it is appropriate for them to collaborate on an assignment and when it is not, explaining carefully the reasons for the distinctions and the penalties for inappropriate cooperation.
2. Provide the students with models for documentation that are based upon the newest revision of the chosen style guide and are consistent with current usage within the discipline. To this end, Baldwin-Wallace has adopted a standard text that includes updated style guides for the MLA, APA, Chicago, AIP, and CBE styles of documentation. Instructors should acquire a copy of that book and require students to use it in their classes as the standard style guide for documenting any assignments for which documentation is appropriate. Instructors who wish to teach a method of documentation not covered in the manual should provide the students with lucid instructions about how to document according to that style and devote class time to explaining the documentation style and its advantages.
3. When a student has made an attempt to cite his or her sources but has done so incorrectly or in other cases where the instructor feels strongly that the student is not deliberately committing acts of academic dishonesty, instructors are at liberty to determine the consequences, but we urge all instructors to be sure that there are some concrete consequences for such errors.

Possible consequences might include requiring the student to revise the assignment, possibly with the help of The Writing Lab, and/or reducing the grade on the assignment. Alternatively, the instructor might comment upon and correct the documentation in the assignment to demonstrate to the student how it should be done. The maximum sanction that an instructor may impose for incorrect citations is a zero for that assignment. It is permissible for the penalties exacted on the assignment to result in an overall failing grade for the course.

In any case, all instructors should check their students' use and documentation of sources and hold them accountable for proper documentation.

In order to ensure due process, at the beginning of the semester, every instructor must state in the course syllabus what penalties will be imposed for incorrect citations, and throughout the semester, the professor must be consistent in applying those penalties.

4. Design assignments that promote critical and creative use of sources rather than just reporting or duplicating research material.
5. Attend workshops sponsored by the College about academic honesty.

B. Deliberate Academic Dishonesty

Characteristics of Academic Dishonesty

There are three prevalent forms of academic dishonesty. The first is claiming someone else's work as your own. Such dishonesty takes many forms, including but not limited to the following examples:

- using answers that someone else has given on a test
- turning in a paper for which someone else did the original research and writing
- quoting from another person without acknowledging that you are quoting and without giving the source of the quotation.

Plagiarism, one such form of academic dishonesty, is defined as using someone else's words or ideas, images, or other intellectual property, written, recorded, or spoken without identifying the source from which they come

- using someone else's sentence structure, written, recorded, or spoken without identifying the source from which it comes
- using the structure of someone else's argument, written, recorded, or spoken without identifying the source from which it comes
- paraphrasing or rewording another's words or ideas, written, recorded or spoken, without identifying the source from which they come
- Missing or inadequate attribution of direct quotations.

The second form of academic dishonesty is seeking an unfair advantage over other students in taking a test or fulfilling an assignment. Some examples of such behavior may include but are not limited to the following:

- copying from another student's paper, or otherwise communicating with him/her during an examination
- allowing another student to copy from one's exam paper
- unauthorized use of notes or electronic devices during an exam
- copying another student's homework or allowing another student to copy one's homework, or
- acquiring a copy of an examination without the permission of the instructor.

The third form of academic dishonesty is fraud. Examples include but are not limited to the following:

- signing the name of an academic advisor or any instructor, staff member, or administrator to an official form or document
- writing a paper or taking an exam for someone else
- fabricating research material, interviews, or other sources for a project
- creating, participating in, or using the services of any group or organization that promotes or contributes to academic dishonesty on the Baldwin-Wallace College campus or in the global academic community.

Procedures to Follow if Academic Dishonesty Occurs

If deliberate academic dishonesty occurs, there must be significant consequences to ensure that students, instructors, staff, and administrators recognize that academic dishonesty subverts the essential work of the academy.

Accordingly, in order to ensure 1) consistency of sanctions imposed upon students committing academic dishonesty, 2) due process, 3) protection of the complainant from possible legal liability, and 4) to be able to track repetitive incidents, instructors, students, staff, or administrators who suspect deliberate academic dishonesty on the part of a student must consult with the Judicial Coordinator to determine the appropriate action to be taken in accordance with the Student Code of Conduct (see current Student Handbook).

An instructor who decides that he or she is facing an incident of deliberate academic dishonesty

must take the following steps. During this process, the complainant must maintain strict confidentiality concerning the offense. Public accusations or discussions of the student's offense could lead to a defamation of character case against the complainant. Also, it is imprudent to declare to the student, "I caught you cheating" before due process has shown that indeed to be the case. It is better to say "I suspect that you cheated" or "I am filing an incident report" than to directly accuse the student of academic dishonesty.

1. Notify the student that the instructor is filing an incident report with the Judicial Coordinator.
2. Contact the Judicial Coordinator who shall work with the instructor to determine the desired course of action. The Judicial Coordinator and the instructor shall be guided by the description of sanctions for academic dishonesty described below.
3. The Judicial Coordinator shall then meet with the student and confront him or her with the instructor's accusation and evidence. If the student admits his/her responsibility, the Judicial Coordinator shall impose sanctions as appropriate, taking into consideration the instructor's recommendations. The Judicial Coordinator shall then notify the complainant about how the incident has been resolved. Since the Judicial Coordinator has information about the student that is not available to the instructor, the sanctions imposed may differ somewhat from the instructor's recommendations. For example, mitigating circumstances such as mental health issues could result in lighter sanctions than those recommended by the instructor, while aggravating circumstances such as a series of previous disciplinary infractions or previous incidents of academic dishonesty might result in more severe sanctions than those recommended by the faculty member.
4. If the student does not accept responsibility for the incident or the sanctions imposed by the Judicial Coordinator, then the Dean of Student Affairs in consultation with the Judicial Coordinator shall appoint an Administrative Board to hear the case formally. For incidents of Academic Dishonesty, that Board shall consist of 3 faculty members, 1 student, and 1 Student Affairs staff person. The members of this board shall be chosen from among a pool of faculty, students, and staff who have completed an orientation process about academic honesty and the judicial process. All parties involved shall have an opportunity to review the membership of the board and request substitution of any member whom he or she feels might be prejudiced or biased. Board members shall ask to be replaced if they have any prior experience with the complainant or the accused that could bias their judgment. This Administrative Board shall conduct a hearing according to the rules described in the Student Code of Conduct. Judgments shall be made by majority vote.
5. Within 5 college business days after the hearing, the Administrative Board shall advise the accused in writing of its determination and the sanctions imposed, if any. Students or instructors have 5 college business days after the date of that written notification to appeal the decision to the Vice President for Academic Affairs or, in cases of necessity, to the Vice President of Student Affairs. Appeals must be based upon a) lack of procedural due process, b) inappropriateness of sanctions, and/or c) new information relevant to the case. Appeals can be made to the President of the College only in cases of suspension or expulsion from the College.

Any information and records relating to an action under Baldwin-Wallace's Academic Honesty Policy and related disciplinary actions under the Student Judicial Code shall be maintained and disclosed by the College in compliance with the Family Educational Rights and Privacy Act ("FERPA") and the College's *Policy on Confidentiality of Student Records*.

Sanctions or changes to the sanctions for cases of proven academic dishonesty shall be approved by the General Faculty before being incorporated into the *Faculty Handbook* and the Student Code of Conduct.

Sanctions for Proven Cases of Deliberate Academic Dishonesty

Baldwin-Wallace College considers academic dishonesty a serious matter. The College reserves the right to revoke part or all of a student's Baldwin-Wallace College scholarship based on violation of the college's academic honesty policy. Baldwin-Wallace College also reserves the right to remove anyone who disrupts the living and learning community through residence hall or institutional suspension or expulsion.

The following are the minimum sanctions that students violating the College's Academic Honesty policy shall incur:

First Offense—minimally, all of the following and/or any other sanctions deemed appropriate

- \$100 fine (see below)
- Failure or grade of zero on the test, paper, or project in question. This failure or zero may result in failure for the course.
- Educational project (see below)
- Notification of the student's faculty advisor

Second Offense—minimally, all of the following and/or any other sanctions deemed appropriate

- \$200 fine (see below)
- Failure of the course in which the academic dishonesty took place
- Academic Probation (see below)
- Educational Project (see below)
- Notification of the student's faculty advisor

Third Offense

- Expulsion from Baldwin-Wallace College (see below)

Definitions of Sanctions

Fines – Previously established and published fines may be imposed. In addition, the judicial body may recommend that the College refuse (1) to grant academic credits or degrees or (2) to issue grades or transcripts to the student offender(s) or student member(s) of an offending organization until such fine is paid. The method of payment shall be specified by the judicial body imposing the fine. All fines collected under this Code shall be deposited in *The Baldwin-Wallace College Scholarship Fund*.

Educational Projects – Completion of an educational or developmental project, such as but not limited to the following: attending a specific workshop or program, making an oral presentation to a campus group, participating in specified counseling, work assignments, and/or service to the College or the broader community. The nature of the educational project shall be determined by the Judicial Coordinator and/or the Administrative Board that hears the case, taking into account the recommendations of the complainant.

Academic Probation – Those whose progress is slowed because of poor grades or inadequate planning in meeting College requirements or who have been found to be responsible for violations of academic honesty are placed on academic probation. See page 32.

Disciplinary Probation – A student whose behavior on or off campus is in violation of established College policies, rules, and/or regulations may be placed on disciplinary probation. This sanction shall be imposed for not less than one semester nor more than three semesters. The judicial body determines the beginning and ending dates. Students on disciplinary probation may incur additional sanctions for any subsequent violation of College policies, rules, and/or regulations whether or not this violation is related to the original violation for which disciplinary probation was imposed.

Suspension from Baldwin-Wallace College – Separation of the student from campus, classes and all privileges for a definite period of time after which the student is eligible to return. The offender may not be on campus at any time except to come to the Administration Building for matters directly related to the suspension. In cases where suspension prevents course work, the student shall receive a grade of “W,” “WP,” or “WX.” There shall be no refund of tuition or fees. Any conditions for readmission will be stated in the order of suspension.

Expulsion from Baldwin-Wallace College – Permanent separation of the student from the College. There shall be no refund of tuition or fees.

Interim Suspension In certain circumstances of academic dishonesty, the Judicial Coordinator or a designee may impose a College or residence hall suspension prior to the hearing before a judicial body. Interim suspension may be imposed only

1. to ensure the safety and well-being of any member of the College Community or preservation of College property.
2. to ensure the student’s own physical or emotional safety and well-being
3. to ensure that the student shall not disrupt or interfere with the normal operations of the College.

During the interim suspension, accused student(s) shall be denied access to the residence halls and/or to the campus (including classes) and/or all other College activities or privileges for which the student might otherwise be eligible, as the Judicial Coordinator may determine to be appropriate.

Other than College suspension or expulsion, disciplinary sanctions related to academic dishonesty shall not be made part of the student’s permanent record, but shall become part of the student’s confidential record.

Upon graduation and following application to the Judicial Coordinator, the student’s confidential record may be expunged of most academic dishonesty sanctions. However, College suspension or College expulsion may not be expunged from the confidential record.

Instructors, Staff, and Administrators

Incidents of academic dishonesty on the part of instructors, staff, or administrators at Baldwin-Wallace College will be treated seriously. Cases of suspected academic dishonesty on the part of instructors shall be heard by the Academic Appeals Board/Grievance Review Board.

Instructors or staff wishing to make an accusation of academic dishonesty against an instructor should contact the Academic Appeals Board/Grievance Review Board.

Cases involving staff or administrators shall be handled by the staff member’s or administrator’s supervisor. Instructors or staff wishing to make an accusation of academic dishonesty against a staff member or administrator should contact the staff member’s or administrator’s supervisor.

Students wishing to make a complaint of suspected academic dishonesty against an instructor, staff member, or administrator should contact the Academic Dean’s office for instructions about how to proceed.

¹ The Academic Dean formed an *ad hoc* committee in early 1982 to prepare a statement about the Baldwin-Wallace College policy concerning academic dishonesty. The committee prepared the original version of this statement and submitted it to the General Faculty. The Faculty approved the report of the Committee in the fall of 1982. While working on the 2002-2003 Writing Assessment Portfolio Project, instructors noted an alarming number of cases of plagiarism; at the same time, several incidents of plagiarism triggered additional concerns. In response, the General Faculty commissioned a task force to review the College’s written policies about academic dishonesty and to make further recommendations to the faculty.

Section V

ADMISSION & REGISTRATION

First Time Undergraduate Students

The Admission Committee carefully examines the academic achievement and aptitude of every candidate for admission to Baldwin-Wallace College. The goal of the Admission Committee is to admit students who can best benefit from and contribute to the academic program and life of the College.

Admission to the College is offered on a selective basis. To be considered for admission, candidates must submit an application and fee, official high school or GED transcripts, results of the ACT or SAT examination, a teacher's recommendation, a writing sample and a summary of school and community activities. B-W requires that applicants have earned either a diploma from an accredited high school or the GED Certificate prior to enrolling at the College. Students who have been home schooled should consult with the Office of Admission.

While not required, an on-campus interview with an admission counselor is highly recommended. A campus visit provides the applicant an opportunity to share personal insights with a member of the Admission Committee, as well as the opportunity to evaluate the programs and atmosphere of the College.

The Admission Committee has determined that the following high school curriculum will best prepare most students for academic success at B-W: four units in English; three units each in mathematics, social science and natural science; two units in foreign language and at least three additional elective units from academic areas. Candidates considering majors in the sciences or mathematics are encouraged to include four units each of mathematics and science in their high school programs.

Successful candidates for admission typically rank in the top quarter of their high school classes, have earned at minimum a B average in their academic course work and have demonstrated involvement and leadership in school or community organizations. Standardized test scores generally reflect commensurate achievement and ability.

The College recognizes that some students may be well qualified to succeed in an undergraduate program without having followed a specific curriculum in high school. Therefore, applicants whose records indicate academic potential but who have followed an alternate program of study are encouraged to contact the Office of Admission for additional information. 440/826-2222 or <mailto:admission@bw.edu>.

Conservatory of Music Students

Admission to the Conservatory is highly selective and is based on the following factors: admission to Baldwin-Wallace College, audition on primary applied instrument, optional audition on secondary applied instrument, and examination in rudiments of music theory and aural comprehension. All application materials and the fee must be submitted prior to the audition. Auditions are held in the Conservatory at regular intervals during the academic year, as well as in several Asian cities.

Detailed information concerning admission to specific majors and programs, repertoire requirements, or an appointment for an interview or audition may be obtained by writing or calling Admission Coordinator, Conservatory of Music, Baldwin-Wallace College,

275 Eastland Road, Berea, Ohio 44017-2088, 440/826-2368; email thecon@bw.edu or go to the web site, www.bw.edu/academics/conservatory.

For the policy on acceptance of Conservatory transfer students, see page 44.

Evening/Weekend Students

Adult students applying for admission to Baldwin-Wallace as an Evening/Weekend student are required to submit an application and fee, official transcripts from all colleges and universities attended, and a letter of recommendation. Students who have not completed 25 semester hours of successful course work may be required to submit an official high school or GED transcript. Students who have been out of high school more than four years are not required to submit SAT or ACT scores. An on-campus interview with an admission counselor is highly recommended. The Admission Committee also recognizes that life and career responsibilities, military service and employment history can provide helpful insight into an adult student's potential for a successful academic experience at the College. The application for admission is available from the Evening/Weekend Admission Office 440/826-8012 or email evening@bw.edu. Applications are also available online at www.bw.edu/admission.

Evening/Weekend students may also apply to B-W using the Quick Start application for admission. A Quick Start application is available from the Evening/Weekend Admission Office or may be downloaded from the web at <http://www.bw.edu/admission>. This application allows a student to enroll as a part-time student for one semester before formally applying to the College as a degree-seeking student.

Undergraduate Transfer Students

Transfer Students To All Divisions

Admission to the College is offered on a selective basis. To be considered for admission, candidates must submit an application and fee, a high school or GED transcript, a letter of recommendation, Dean of Students Evaluation form, and official transcripts or evidence of approved withdrawal from all previous colleges and universities attended. Scores of the SAT or ACT may be required for recent high school graduates. All of the applicant's credentials, including all previous course work completed at other colleges or universities, are considered in the admission process. Failure to fully disclose all academic records to the Admission Committee at the time of application may be cause for cancellation of admission or dismissal from the College.

Successful candidates for admission typically submit credentials from colleges and universities accredited by the Highland Commission, have met the general admission requirements for first time students and have earned a B average in their college or university course work. Candidates should be in good academic, social and financial standing at their previous institutions. Students not in good standing at a previous institution may be considered for admission provided they have been out of school at least one full year prior to their proposed date of entrance.

The College recognizes that several factors may influence a student's decision to transfer to a new institution. Therefore, a candidate whose record indicates academic potential but who has not met the exact pattern listed above is encouraged to contact the Office of Admission for additional information.

Courses which fall within the academic scope of the B-W curriculum as determined by the faculty and in which a student has received a grade of "C" or better will be considered for transfer credit at B-W. The College will transfer credit hours, but will not transfer quality points or grades.

Transfer students must fulfill the College's 32 hours of their 124 hours of required course work, or one-fourth of their academic program, in residency, as well as all stated College and departmental requirements, to qualify for degree status. Grade point calculations for academic

honors designation at the time of graduation will include all grades earned at Baldwin-Wallace, as well as **all** grades earned in all courses taken at other institutions. See Academic Honors, Section I, for specific calculations.

Baldwin-Wallace will not accept in transfer credits earned by examination from other institutions. College credit may be granted for training programs offered by business and industry as recommended in the American Council on Education's *Guide to Educational Credit for Training Programs* and for previous military experience as recommended in the American Council on Education's *Guide to the Evaluation of Educational Experiences in the Armed Services*. The training must fall within the academic scope of the Baldwin-Wallace curriculum. Official transcripts from the American Council on Education are required before appropriate credit can be determined. The maximum credit accepted from a two-year college is 62 semester hours. More credit is accepted from a four-year college as long as 32 hours of the required 124 hours of course work, or one-fourth of their academic program is met in residency at Baldwin-Wallace.

Conservatory Transfer Students

The Conservatory reserves the right to assess all music **transfer** credits through placement examinations, particularly in the areas of Music Theory, Music History & Literature, and Applied Music. If a student has had courses in these areas but does not demonstrate the required proficiency, he/she may be required to retake courses as taught by Conservatory faculty. In such a case, the credits will transfer as music electives.

Affiliated 2+2 Programs with Local Community Colleges

Through special affiliations with Cuyahoga Community College, Lakeland Community College and Lorain County Community College, **Baldwin-Wallace accepts 62 semester hours in transfer for approved associate degrees**. Applicants must meet all normal admission requirements and conditions of the College. The following are degrees and programs approved from each of the community colleges:

Cuyahoga Community College

Associate of Arts and Associate of Science

All programs are approved

Associate of Applied Science (health related) Programs

Approved for programs in Dental Hygiene, Medical Laboratory Technology, Occupational Therapy Assisting, Physician's Assistant, Radiography, Respiratory Care, and Surgeon's Assistant

Associate of Applied Business

Approved for programs in Accounting, Accounting Theory, Business Management, Marketing, Professional Selling, and Industrial Management

Associate of Applied Science (criminal justice)

Approved for programs in Law Enforcement

Lakeland Community College

Associate of Arts and Associate of Science

All programs are approved.

Associate of Applied Science (health related)

Approved for programs in dental Hygiene and Respiratory Therapy

Associate of Applied Business

Approved for programs in Accounting, Business Management and Marketing

Associate of Applied Science (criminal justice)

Approved for programs in Criminal Justice

Lorain Community College

Associate of Arts and Associate of Science

All programs are approved.

Associate of Applied Science (health related)

Approved for programs in Medical Laboratory Technology and Radiologic Technology

Associate of Applied Business

Approved for programs in Accounting and Banking and Finance

Associate of Applied Science (criminal justice)

Approved for programs in Police Science

For more detailed information on 2+2 programs, contact the Office of Admission or check the B-W web page at www.bw.edu/transferguides.

Dual Admission Program

The Dual Admission Program is a joint transfer program with Cuyahoga Community College that allows students to complete an Associate's degree at Cuyahoga Community College and also be guaranteed admission to Baldwin-Wallace College. Students may apply and be admitted to the Dual Admission Program directly out of high school or as a college transfer student. High school graduates with not college credit or less than 25 transferable college credits must meet all admission requirements for Tri-C and B-W. Students already enrolled in Tri-C who have a minimum of 25 transferable credits, a minimum cumulative GPA of 2.5, and completion of required English and Math courses will be accepted into the Dual Admission Program and granted degree-seeking admission to B-W.

For more detailed information on the Dual Admission Program, please contact the Admission Office or check the B-W web page at <http://www.bw.edu/admission/transfer.asp>

International Students

Students from more than 20 nations are enrolled at Baldwin-Wallace College. International applicants must submit an application and fee, certified English translations of all official academic records beyond the primary level, the results of the TOEFL examination, two teacher recommendations, a personal statement of educational goals and a statement of financial support. For additional information, please contact the Office of Admission. Additional fees may be assessed for evaluation of transfer credit. Baldwin-Wallace College supports the American Association of Collegiate Registrars and Admission Officers (AACRAO), the International Bill of Rights and Responsibilities for International Students and Institutions.

Transient Course Work

Transient status refers to a student who wishes to enroll at another college or university for limited, specific coursework, for the purpose of transferring those courses back to the institution where they are earning a degree.

Students from other institutions attending B-W: The College may admit a student who has a minimum 2.0 GPA and is in good standing at another institution for specific course work at Baldwin-Wallace. This course work may apply toward a degree at the student's home institution, based upon regulations at that institution. A transient student application form is available from the Office of Admission (440/826-2222) and must be submitted for each semester of enrollment.

B-W students attending other institutions: Baldwin-Wallace College students may be approved to attend another fully accredited institution during any academic term and transfer credits to their degree programs at the College. A Transient Student Permit Form must be obtained from the Office of Registration and Records. Students must be in good standing at the College. Course selections must be approved by both the academic department chairperson in whose department the course work will apply and the Registrar of the College. Students

completing courses at Cuyahoga Community College, Lakeland Community College and Lorain County Community College which are listed in the respective Transfer Guides do not need to obtain departmental approval.

Students are required to complete their last 32 semester hours of their required 124 hours of course work, or one-fourth of their, academic program, in residence at Baldwin-Wallace. Special requests for transient status in the last 32 semester hours must be approved by the Registrar. Requests not approved by the Registrar may be appealed to the Academic Dean. Transient course work transferred to the College is subject to all policies and provisions governing transfer course work stated herein. A transient student may not enroll in more credits at another institution than normally could be completed at Baldwin-Wallace College in a comparable time period.

Students generally may not be enrolled in two institutions during the same semester without approval of the Registrar or enrollment in the NOCHE Cross Registration program endorsed by the College. Students wishing to complete correspondence work at other institutions are considered in transient, and are subject to all policies and provisions governing transient status stated herein.

Special Students

A Special Student has earned a bachelor's degree and wishes to take supplemental undergraduate course work at Baldwin-Wallace College. Special Student application forms are available from the Admission Office (440/826-8012) or may be downloaded from the B-W web page at <http://www.bw.edu/admission>. Special Students seeking to earn a second bachelor's degree, a teacher's license, or a certificate program completion must submit official college transcripts from each college or university attended.

A Music Therapy equivalency program is offered for those who already hold a music degree from a recognized institution. Students interested in the program should arrange an interview and analysis of transcript with the Music Therapy director (440/826-2171).

Returning Students

Former Baldwin-Wallace students seeking readmission after an absence should contact the Office of Registration and Records (440-826-2126). Students with senior status (having earned 91 credits or more toward their degree) after an absence of more than three years will be subject to the institutional and departmental curricular requirements in effect at the time of readmission. Students with junior, sophomore or freshman status (having earned 90 credits or less toward their degree) after an absence of more than one year will be subject to the institutional and departmental curricular requirements in effect at the time of readmission. One year is defined as the completion of two consecutive semesters and one summer session. Students who have attended other institutions during the withdrawal period from the College must follow the admission procedures for transfer students stated herein.

Students who leave Baldwin-Wallace for active duty may reenter the College within one year of discharge from the armed services under the academic requirements in effect at the time of their departure.

Registration

Day Division: Students regularly enrolled in the Day Division will register on-line through the web for classes at times announced by the Registrar. Special registration days are scheduled for new students entering B-W for the first time.

Class schedules must be prepared by students with the assistance of their academic advisors to whom they have been assigned.

Evening/Weekend Program/Graduate Division: Students regularly enrolled in the Evening/Weekend Program and Graduate programs, including students entering B-W for the first time, may register in person, by mail or fax or by the Web at times specified by the Registrar. Evening and Weekend College and Graduate students are not required to prepare their schedules with the assistance of an academic advisor. However, advising is available upon request and is **highly encouraged**.

All Divisions: While Baldwin-Wallace makes every effort to assist students in the planning of their programs of study, **it is ultimately each student's personal responsibility to plan and complete all College degree requirements.**

Classes may be canceled at the discretion of the College. In such instances, the students affected will be notified, and assistance in planning alternative schedules will be made available.

Cross Registration Program

Under the Cross Registration Program of the Northeast Ohio Council on Higher Education, full-time undergraduate students in good academic standing are eligible to register at one of fourteen local colleges and universities for one course at no additional cost. The combined course load may not exceed 18 semester hours. Registration forms are available in the Office of Registration and Records.

Full-time and Half-time Status

Undergraduate Divisions: Undergraduate students enrolled in a program of 12 to 18 credit hours per semester are classified as full-time students. The maximum course load per semester is 18 credit hours plus a physical education course of one-half to one credit hour. Students are not permitted to exceed the maximum semester course load unless they have earned a cumulative grade point average of 3.00 or higher, and have received the written approval of their academic advisor and/or the Registrar. Undergraduate students enrolled in a program of 6 to 11 credit hours per semester are classified as half-time students.

Graduate Divisions: Graduate students enrolled in a program must take a minimum of 6 credit hours per semester to be classified as full-time students. Graduate students enrolled in a program with less than 6 hours per semester are considered half-time students.

Changes in Schedule

Day Division: Students may add and/or drop courses only during specified times announced by the Registrar. All seats are maintained on a space available basis. **No waiting lists are kept.**

Students must review proposed schedule changes with their academic advisors, and must submit a completed Change of Schedule form, including advisor signature, to the Office of Registration and Records before a schedule change is officially recorded. Failure to submit a completed, signed change form will void any pending transactions. Change of Schedule forms are available at the Office of Registration and Records.

Evening/Weekend Program/Graduate Division: Students must submit schedule changes in person, by phone, or by fax directly to the Office of Registration and Records. Students may add and/or drop courses only during specified times announced by the Registrar. All seats are maintained on a space available basis. **No waiting lists are kept.**

All Divisions: Students may not add courses after the fifth day of the semester, or drop courses after the ninth week of the semester. After the ninth week of the semester, students may withdraw from a course without grade penalty only under unusual circumstances and with the approval of

the Registrar. Courses offered in times/formats other than the traditional sixteen-week semester may have other specified add/drop periods. Consult the appropriate schedule book for registration deadlines.

The responsibility to complete schedule changes in a timely and proper manner rests with each student. Students should consult the academic calendars printed in this catalog and/or the appropriate Course Schedule Booklet for the exact dates for schedule changes each semester.

Students failing to add a course properly will not receive course credit regardless of course attendance or course work completed. Students failing to drop a course properly will receive a grade of "F" for the course in question.

Withdrawal

Students may withdraw from classes during the first nine weeks of the semester without academic penalty. A grade of "W" will be assigned for each course withdrawn. Courses offered in times/formats other than the traditional sixteen week semester may have other specified withdrawal periods.

Students wishing to withdraw from classes after the deadline must submit a written petition and documentation of extenuating circumstances to the Registrar for review. If the petition is approved, a grade of "WP" or "WX" will be assigned to each course withdrawn. "WP" will be assigned indicating passing coursework at the time of withdrawal. "WX" will be assigned indicating failing coursework at the time of withdrawal. Withdrawal from a course without approval constitutes a failure, and a grade of "F" will be assigned to the course. Petition forms are available in the Office of Registration and Records.

Military Call to Active Duty Policy

Baldwin-Wallace College will be as supportive and accommodating as possible for those students who must withdraw in a given semester because they have been called to active military duty. Exceptions to this policy are determined by the Dean of Student's Office.

Any student who is called to active military duty should present his/her active duty orders to the Office of the Dean of Students. Depending on the activation date and the judgement of the individual faculty, the student has several options regarding the completion of coursework.

1. A student may request a withdrawal. The withdrawal will be retroactive to the beginning of the term. A student may do a complete withdrawal resulting in all tuition charges removed. A student may do a partial withdrawal, receiving "W" grades in some courses. Full-time students will not receive a refund if the "W" grades result in part-time status.
2. A student may request an "Incomplete" to be decided by the individual instructors. The will not be any tuition adjustment for courses assigned "I" grades and the student will have six weeks into the next term of enrollment to complete the "I" grade.
3. A student may request final grades at the discretion of individual faculty members. Faculty and students would also have the option of turning the grade into satisfactory/unsatisfactory if departure occurs prior to final exams. Tuition is not adjusted.

In all of the above cases, all room charges will be prorated. Any remaining Jacket Express balance will be credited to the student's account. The College would not charge a student carrying charges on back balances while he/she is in the military.

Student Records

All academic records are maintained in the Office of Registration and Records. Additional student personnel and advising records are maintained in the Office of Student Affairs, the Evening/Weekend Program, the Office of Academic Advising, by assigned faculty advisors and appropriate academic divisional offices. These records are made available, in a reasonable length of time, upon request for review by the student to whom they pertain. Baldwin-Wallace College designates the following categories of student information as public or "Directory Information," and this information may be disclosed by the institution for any purpose at its discretion.

- Category I:** Name, date of attendance, enrollment status (current, full-time, part-time)
Category II: Previous institution(s) attended, address, telephone number, email address, student ID number, major field of study, degree(s) conferred (including dates), date of birth, class schedule.
Category III: Past and present participation in officially recognized sports and activities, physical characteristics of athletes.

Currently enrolled students may withhold disclosure of any category of information under the Family Educational Rights and Privacy Act of 1974. Forms requesting the withholding of "Directory Information" are available in the Office of Registration and Records. A new form must be filed every academic year. **Baldwin-Wallace assumes that unless a student specifically requests withholding of categories of "Directory Information," individual approval for disclosure is granted.**

Summer Semester

The Summer Semester at Baldwin-Wallace includes both regular Day Division and Evening/Weekend Division programs with day, evening, weekend and graduate courses. It is designed for both full- and part-time students.

General Guidelines for Summer Semester

1. The Summer semester consist of two six-week sessions or one eight-week session.
2. Classes are held during the day, evening and on the weekends, usually one to five days per week. Evening/Weekend courses are available to Day Division students upon approval of the Director of the Evening/Weekend Program.
3. The full-time, credit-hour load for all summer sessions is defined as 7-10 hours. The Registrar may consider overloads for students with 3.0 GPA or above.

Section VI

STUDENT EXPENSES & FINANCIAL AID

Tuition does not cover the full cost of the instructional and operating costs of the College. Other sources of income are from endowment and gifts and contributions from churches, trustees, alumni and other friends of the College. All rates given are subject to change without notice.

New Student Fee

Upon admission to the College, each new student is required to pay a \$200 tuition deposit prior to receiving orientation and registration materials. The fee is due on or before May 1 for freshmen or with one month of notification for transfer students. The fee is required of all students. One hundred and twenty-five dollars is credited to the first semester's tuition charges.

For those students planning to live on campus, an additional \$150 housing deposit is required prior to the assignment of housing. The deposit must be submitted along with the student housing application, and is held as a damage and security deposit. Students may request a deposit refund at the time they leave the residence halls.

Tuition 2005-06*

College tuition is \$20,518 per year for undergraduate students enrolled for 12 to 18 credit hours per semester. Tuition for students enrolled in the Conservatory of Music is \$22,228 per year.

Undergraduate students enrolled for fewer than 12 credit hours per semester are charged \$652 per credit hour for day classes, \$718 per credit hour for Conservatory classes, and \$474 per credit hour for Evening/Weekend Program classes. Students enrolled for more than 18 credit hours are charged the appropriate hourly fee for each credit hour of overload in addition to the full time semester charges.

The audit charge for undergraduate classes is \$238 per credit hour; the audit charge for graduate classes is \$364 per credit hour. Full-time undergraduate students may audit up to five overload hours for no additional charge.

**All tuition and fees are subject to change without notice.*

Other Fees

A health insurance plan is offered to all full time students each year. In 2004-05 this premium was \$310 for each student enrolled for a full year of coverage. The premium is assessed on the fall semester account statement. This coverage is optional; however, to eliminate the coverage and remove the charge the student must complete and return the waiver form to the Cashier's Office before the stated due date. Details regarding the plan are mailed to all registered full-time students prior to the beginning of fall term. Questions regarding the plan should be addressed to the Cashier's Office.

A charge of three dollars is made for each transcript of record from the Registrar's Office.

Residence Halls

In fulfilling its mission of offering a liberal arts education, Baldwin-Wallace College provides on campus residence and dining halls, and welcomes and encourages students to live on campus.

A \$200 new student fee and completed housing application is required. The date of receipt of the housing application and confirmation of a paid deposit will determine priority for room

assignments and, when necessary, assignment to waiting lists. Students may move into their residence halls at times specified by the Office of Residence Life.

Most residence hall rooms are constructed and equipped for double occupancy, with a limited number of single, triple and quad housing spaces on campus. Students should contact or look at the website, <http://www.bw.edu/stulife/reslife/> of the Office of Residence Life for availability and charges.

Damage to a room or College furnishings beyond ordinary wear and tear will be charged directly to the student. Damage to College property not assignable to individual students may be prorated to students within the group responsible.

College fire and theft insurance covers College property only. It is recommended that all students arrange for insurance coverage for their personal possessions.

Food Service

All students living in College residence halls are required to have a board account and eat in the College dining facilities. Students residing in College-owned apartments may choose to open a board account.

All food items are priced ala carte. The total cost of each meal is calculated and deducted from the individual's board plan account. This is achieved through the use of the Jacket Express debit card*. Resident and Commuter students are issued a Jacket Express card, which may be used in any Food Service location. It may be used to order from contracted outside vendors and on a variety of vending machines that are conveniently located throughout campus.

Jacket Express—Student ID

The Jacket Express card is a person's official College ID card during his/her years at B-W. The card allows the use of many campus facilities, activities and services. It also may function as a debit card for certain on-campus purchases. See the Student Handbook or B-W web page for more details.

For 2005-06 the Jacket Express semester charge for all resident students is \$1,724. A reduction in the amount of Jacket Express to be charged on a student's account must be received by the end of the add/drop week of each semester; otherwise no reductions are allowed except for special dietary or financial reasons. If by the end of the semester the student has an unused portion remaining on the Jacket Express Card, the student can request a refund for this amount. Any refund amount that a student receives may require an adjustment in financial gift assistance since a portion of the Jacket Express may be covered by B-W need-based grant assistance.

Financial Aid

Baldwin-Wallace College seeks to attract students with a broad range of experiences and high academic potential to fulfill its mission of providing a quality liberal arts education. To ensure this diversity, Baldwin-Wallace is committed to enabling interested and qualified students to attend, regardless of financial circumstances.

In order to apply for financial assistance, students are required to submit the Free Application for Federal Student Aid (FAFSA) to a federal processor detailing the financial situation of their families. An analysis of the FAFSA form using U.S. Department of Education standards provides an equitable and objective means of determining a reasonable family contribution toward educational costs. Once the results of this analysis are available, the Financial Aid Office reviews the data and makes an evaluation of each applicant's financial need. A family may be required to complete a B-W financial aid application and may be required to submit a copy of their U.S. Tax

Return before an aid award is finalized. Applicants who are Ohio residents must also apply for an Ohio Instructional Grant, using the FAFSA application.

If a family's income and assets are not sufficient to meet the full cost of a student's education at Baldwin-Wallace, the College may offer assistance to help meet financial need. The principal types of aid awarded to applicants are scholarships, grants, long-term loans and campus employment. Most students receive a combination of gift aid, loan and/or work-study opportunity.

If family resources are adequate to meet educational costs, students are not eligible for need-based aid. Such students, however, may qualify for scholarships awarded in recognition of outstanding academic potential or special talent.

Students who are accepted for admission and who apply for financial assistance are automatically considered for all available forms of aid. Separate applications for special funds or scholarships are not necessary, except where noted. Most types of aid are limited to full-time students.

Financial aid forms must be filed each year in which aid is requested. Financial need is reevaluated each year in light of any changes in family financial circumstance. Therefore, a student's need based assistance will not necessarily remain the same from year to year.

Transfer Students are eligible for consideration for all forms of financial assistance upon acceptance to the College. The same application procedures noted herein apply.

Part-time Students are eligible to apply for certain types of assistance. Undergraduate students registered for at least six semester credit hours are eligible to apply for Federal Pell Grant, Stafford Student Loan, Perkins Loan and College Work-Study employment. Students should follow the same application procedures noted herein. Undergraduate students enrolled for five semester credit hours or less may not be eligible to receive certain forms of assistance. Ohio students enrolled part-time who qualify for the Federal Pell Grant may also be eligible for Part-Time Ohio Instructional Grant assistance. Some students with particularly high need who enroll for less than six credits may also be eligible to receive a federal Pell Grant.

Evening and Weekend College students are often eligible for some form of loan assistance. Students enrolled for six or more semester credit hours should follow the same application procedures noted herein. Student enrolled for five semester credit hours or less are not typically eligible for federal or College funds, but they do have the option to apply for alternative loan funds. Financial institutions that offer alternative loans for less than half time students process the loan applications, so prospective applicant may wish to contact the institution(s) directly. The Financial Aid Office can also provide information and guidance to Lifelong Learning students who are considering alternative loans.

Gift Assistance

Baldwin Wallace Grant is based on financial need as determined by the analysis of the FAFSA and other student application materials. The award is made on an annual basis.

Federal Pell Grant is an entitlement grant awarded through the federal government based on the results of the FAFSA application. Students are notified of the results of their application through the Student Aid Report which is sent directly to them by the Federal processor.

Ohio Instructional Grant is an Ohio state funded aid program. Eligibility is limited to residents of Ohio. Application is made through the FAFSA. All Ohio residents applying for financial assistance must submit a FAFSA application requesting the processor to release income and asset data to

the State of Ohio. The Ohio Board of Regents will send notices of eligibility to students who should then submit them to the Financial Aid Office.

Ohio Student Choice Grant is available to all Ohio residents who are enrolled as full-time undergraduate students in a program leading to a bachelor's degree at one of Ohio's many independent colleges or universities. Only those students attending college for the first time on a full-time basis after July 1, 1984 are eligible to receive the Choice Grant.

Federal Supplemental Educational Opportunity Grant (SEOG) is a federal entitlement program designed to assist students with exceptional financial need as determined by the FAFSA analysis. Due to limited funding, not every student with exceptional need will receive a SEOG. Instead, the College assists with B-W grant money.

B-W Ministerial Grant of one-half tuition may be made to ordained United Methodist ministers who are full members of an annual conference and their unmarried dependent children who are full-time students. Ministerial grants also are available for United Methodist missionaries in active or retired service and their unmarried dependent children who are full-time students. Students may be eligible for additional need-based assistance based upon the results of the FAFSA application.

For information about other types of B-W gift assistance, including scholarships, contact the Financial Aid Office.

Section VII

EVENING/WEEKEND PROGRAM

Baldwin-Wallace has been active in adult education programs since 1947 and continues to provide adult learners with a rigorous curriculum and a number of services designed especially for them. The Evening/Weekend Program is designed specifically to meet the needs of adult students. Degree-seeking students entering the Evening/Weekend Program will find that course formats accommodate the special time constraints of working adults. Degree completion and certificates available to adult learners are designed with optimal flexibility and convenience. Course options, including formats and times, provide choices while responding to an adult's sense of urgency for degree completion.

Evening/Weekend students should refer to other sections of the Catalog for more details related to undergraduate degree requirements, special academic opportunities such as field experience and independent study, financial aid, academic support services, credit for prior learning, transfer credit, and admissions.

Course descriptions and specific course and credit requirements for the College core and majors approved for Evening/Weekend students are found in Section VIII.

Evening/Weekend Class Schedule and Formats

Baldwin-Wallace offers courses in the evenings, Monday through Thursday, during Fall, Spring, and Summer terms. **New courses are available for registration every eight weeks during the Fall and Spring terms.** The number and length of meeting times will depend on the course credit and format involved. Evening courses typically begin at 6:15 p.m. Weekend courses meet on Saturdays beginning at 8:00 a.m. or 11:15 a.m.

Minimesters are offered in both evening and weekend formats. Minimesters are accelerated 8-week sessions that require extensive out of class coursework and an advance assignment.

Immersion Courses are completed in just one week, following a Saturday - Sunday - Wednesday - Saturday - Sunday format (unless otherwise noted). The classes usually meet from 9:00 a.m. until 5:00 p.m. each of the five days. In addition, an advance or pre-assignment is required and possibly a post-completion assignment due several weeks after the class is over.

Administrative Withdrawal

In any immersion or minimester course offered through the Evening/Weekend Program, the instructor is given the discretion to submit a student's name to the Dean of Lifelong Learning, after having missed two classes of a minimester or one class of an immersion, with the intention of that student being administratively withdrawn. That is, based upon his or her attendance, the student may be withdrawn from any immersion or minimester class, upon the recommendation of the instructor. Typically, this recommendation will be made only when, in the judgment of the instructor, the student's absence(s) will have jeopardized his or her success in the class.

- Grade - students who are administratively withdrawn will have "WA" or "AW" placed on their transcript
- *Tuition Refund - calculation is based on the date the withdrawal is processed in registrar's office according to minimester withdrawal formula posted in each term's Schedule

General Academic Program and Majors

Evening/Weekend degree-seeking students must satisfy degree requirements as outlined in Section I, which includes the completion of core, academic major, and elective hours that total 124. The following majors are offered in the Evening/Weekend Program:

- Business Administration
- Communication
- Computer Information Systems
- Criminal Justice
- Economics
- Education (See Special Academic Programs below)
- English
- History
- Organizational Leadership
- Political Science
- Psychology
- Sociology

For course descriptions, general information, course and credit requirements for the above majors, see Section VIII of the Catalog.

Special Academic Programs

In addition to other applicable programs and support services cited in Sections II and III of the catalog, the following learning opportunities are available to adult students:

Education Major and Teacher Licensure coursework is offered in the evening and daytime slots. Many of the preliminary courses are offered in the Evening/Weekend Program. The professional methods courses, field experience, and student teaching must be completed during the day. This portion of the coursework usually takes two or more semesters for the student to complete.

Certificate Programs

- Accounting
- Applied Communications
- Computer Information Systems
- Human Resources Management
- Organizational Leadership

Not-for-credit Enhancements are available for both children and parents of adult students to enable the entire family to take advantage of the Baldwin-Wallace College experience. The Institute for Learning in Retirement (ILR) at Baldwin-Wallace College offers senior adults the opportunity to continue learning in an informal, flexible and noncompetitive college environment. The Conservatory of Music offers several outreach not-for-credit opportunities. These include private instruction through the Preparatory Program, workshops, clinics, and programs extended to a range of students from early childhood to senior citizens. In this way, Baldwin-Wallace College becomes a true learning center for the community.

Prior Learning Assessment–Portfolio Evaluation, the College Level Examination Program and the College Credit Recommendation Service are examples of B-W's willingness to grant college credit for knowledge and expertise acquired outside an accredited classroom setting when that knowledge is related to the College's curriculum. For more details, see Section II of the Catalog.

Academic Advising and Registration

Once a student is admitted to the Evening/Weekend Program, he/she is urged to contact its office for an advising appointment before registering for classes. The College strongly recommends that adult students minimally maintain annual contact with their academic advisor to make sure that course selections and loads are appropriate. Ultimately, the student is responsible for making sure that all requirements are met. Advising appointments can be scheduled evenings Tuesday through Thursday, afternoons Tuesdays through Friday, or on Saturday mornings. The Evening/Weekend Program coordinates advising appointments.

The first registration must be done in person. After a student's first semester, all subsequent registrations may be done by fax, mail, or by RegExpress - the online Web registration. All Evening/Weekend students may use the registration forms found in the class schedule to register by mail or by fax directly to the Registrar. Registration is done on a first-come-first-served basis with priority for students with 91+ credit hours. The schedule booklet includes deadlines for fax or mail registrations, descriptions of special and/or new courses being offered, and other useful information. Please note that registration for minimester, immersion, and weekend courses ends approximately one week prior to the first class meeting. Late registration for semester-long courses is accepted until the end of the first week of class. Additional minimester courses are available at the midpoint of the semester.

Writing Lab

The B-W Writing Lab, located in Marting Hall, is available by appointment for adult students to come for assistance with writing problems. The Lab has professional tutors who will help on a one-time or continuing basis with anything from generating a thesis or developing and organizing ideas, to providing guidance regarding documentation, style and mechanics.

No proofreading services are provided. The Lab also has a library of writing reference books and files of helpful handouts.

The Learning Center

The Learning Center, located in Dietsch Hall, provides support for students through a variety of programs and classes that are designed to improve academic performance. Offerings include free tutoring, drop-in mathematics lab, and personal assistance in test-taking and time management. For the current semester schedule detailing specific course tutoring times, contact the Evening/Weekend Program.

Tuition and Fees

Part-time adult students (1-11 credit hours per term) pay per credit hour enrolled. If students take 12-18 semester hours, they are considered full-time students, and are charged a flat tuition that is the same for all students. Unpaid tuition charges are assessed a carrying charge. Other policies on tuition and fees are outlined in Section VI of the Catalog.

Baldwin-Wallace offers a Tuition Reimbursement Payment Plan (TRPP) for students receiving tuition assistance from employers. TRPP permits a student to defer payment to B-W until 30 days after the end of the semester. Students receiving tuition support from employers should contact the College Bursar to make suitable arrangements for payment.

Financial aid and scholarships are available to Evening and Weekend College students who meet eligibility criteria. These students must be enrolled in at least six semester credit hours per term to qualify for financial aid.

Alpha Sigma Lambda

Alpha Sigma Lambda is the national honor society for Evening/Weekend students. The local chapter, Beta Upsilon, is one of more than 270 throughout the country. It is an active chapter which sponsors annual social and philanthropic events. It recognizes outstanding full-time and adjunct faculty through special awards and arranges campus scholarships open to all qualifying Evening/Weekend students. Membership selection occurs once a year and is based on a grade point average of at least 3.2 for 24 or more hours earned at Baldwin-Wallace plus evidence of volunteered campus and/or community leadership.

For further details on any of the above, contact the Evening/Weekend Program.

Section VIII

UNDERGRADUATE PROGRAMS OF STUDY

This section includes course descriptions, general information and specific course and credit requirements for the College core, undergraduate majors, minors and other programs of study.

Core Curriculum Requirements

All undergraduate students at B-W pursue a course of study sufficiently varied to acquaint them with a broad spectrum of human knowledge and to provide them a strong foundation in core academic skills. The knowledge and skills that students utilize and develop through their core courses are essential to their success in academic work as well as in their personal and professional lives. The core requirements include course work in the following areas: foundation courses in Mathematics, English Composition, and Liberal Arts and Sciences (LAS 150); breadth courses in the Humanities, Social Sciences and Natural Sciences; wellness courses in Health and Physical Education; coursework in International Studies; and coursework in Diversity Studies. Completion of a minor adds depth in a particular area of study, to balance the breadth provided by distribution requirements across the major disciplinary areas in the Liberal Arts and Sciences. Each core course provides an opportunity for students to develop their skills in at least two of the following areas: Research, Ethical Implications of Subject Matter, Problem-Solving, Writing, Oral Communications, Quantitative Methods, and Social Interaction.

Liberal Arts and Sciences Core – Total semester hour credits: 43

Mathematics – 3 credit hour minimum

MTH 136 (Applied College Mathematics) or higher.* Prerequisite: Students are required to have passed the Baldwin-Wallace mathematics placement test or to have scored at least 24 on the quantitative portion of the ACT or at least 560 on the quantitative portion of the SAT. For students with both ACT and SAT scores, the higher placement will be used. Students who wish to challenge their ACT- or SAT-based placement, or students entering Baldwin-Wallace College without ACT or SAT test scores, must take a mathematics placement test (ALEKS), on which they must score 70% or higher in order to take their MTH core course. Students majoring in Early Childhood Education or Mild/Moderate Educational Needs substitute MTH 111 (4 credits) and MTH 112 (4 credits) for MTH 136.

Students must earn a C or better in their core MTH course(s). Students should complete their MTH core requirement during their first two semesters at B-W if they meet the prerequisite upon entry, or within their first three semesters if the prerequisite must be completed first.

Placement	Placement Scores		
MTH 136 or higher	ACT Math score of 24 or higher	SAT Math score of 560 or higher	ALEKS placement score of 70% or higher
COL 020	ACT Math score of 23 or lower	SAT Math score of 559 or lower	ALEKS placement score of 69% or lower

***Exception to requirement:** Students who received credit for AP Calculus are exempt from the MTH core requirement and will receive credits as follows:

Score	Exam	Credit Hours	Course Equivalent
3, 4, 5	AB	4	MTH 141
3, 4, 5	BC	8	MTH 141, 142

English Composition – 3 credit hours

ENG 131 – Workshop in Exposition and Argument. Prerequisite: ENG 111 or placement. Students placing into ENG 131 should take it within their first two semesters at B-W. Students testing into ENG 111 should take it during their first semester at B-W, and should take ENG 131 no later than their third semester at B-W.

English Composition placement determined by ACT and SAT scores, as follows:

Placement *	Placement Scores	
Exempt	ACT 32 or above	SAT 680 or above
ENG 131	ACT 24–31	SAT 550–670
ENG 111	ACT 23 or below	SAT 540 or below

*Students earn exemption from ENG 131 with appropriate ACT or SAT score or appropriate English Challenge test score. Students who believe that they have been placed too low may challenge their placement by writing an essay under supervised conditions at designated times on registration days or during their first semester at B-W.

Liberal Arts and Sciences Foundation Course – 3 credit hours

Liberal Arts and Sciences (LAS) 150 – Enduring Questions for an Intercultural World. Prerequisites: Eligibility to take ENG 131 and MTH 136. Students should complete this course within their first two semesters at B-W if they meet the prerequisites upon entry, or no later than their third semester if prerequisites must be completed first.

Humanities – 15 credit hours of core-designated courses taken from the following areas:

Fine Arts – 4 hours from selected courses in: Art; Broadcasting; English, French, German, or Spanish Literature; Health and Physical Education; Music; Philosophy; Theater (courses with “F” designation in the course number)

Cultural Heritage – 6 hours from at least two areas—History, Philosophy, Religion

General Humanities – 5 additional hours from any Humanities area listed above as well as Communication Studies, Communication Disorders, Chinese, Italian or courses with HUM-prefix

Natural Sciences – 8 credit hours of core-designated courses, one of which must include a lab (indicated by an ‘L’ in the course number) from at least two of the following areas:

Astronomy	Geology
Biology	Physics
Chemistry	

Social Sciences – 9 credit hours of core-designated courses from at least two of the following areas:

Asian Studies	Political Science
Criminal Justice	Psychology
Economics	Sociology
International Studies	

Health and Physical Education – 2 credit-hour minimum

Students are required to take HPE 110W (Personal Wellness) and to fulfill the remaining HPE requirement with core-designated (W) activity, technique, or health and wellness courses.

International Studies

Students must fulfill one of the following three options*:

Foreign Language: One year of one foreign language excluding Foreign Languages & Literature courses taught in English.

Study Abroad: This requirement can be fulfilled by one of the following:

1. Earning academic credit for at least three courses in an approved study abroad program.
2. Earning the equivalent of 15 credit-hours in an accredited college abroad.
3. Living abroad and attending a non-U.S. elementary or secondary school for at least one academic year.
4. Other experiences abroad as approved by the Global Issues Committee.

Coursework in International Studies (courses with an 'I' designation)

Three courses with no more than two from the same department. Courses that fulfill the International Studies requirement meet at least one of the following criteria:

1. explore international aspects of cultural diversity.
2. explore current global problems.
3. develop competencies in international communications.
4. explore international aspects of political and economic systems.

*International Studies core requirement does not apply to Music Education majors.

Diversity Studies (courses with a 'D' designation)

Students must complete one course designated as meeting the domestic diversity requirement. Courses that fulfill the Diversity Studies requirement have a significant amount of course content devoted to the analysis of domestic diversity, such as culture, race, religion, age, disability, ethnicity, gender, sexual orientation, language, and social class. Courses that fulfill the Diversity Studies requirement meet at least one of the following criteria:

1. help students understand the historical or contemporary experiences of underrepresented groups in U.S. society.
2. introduce students to the ways in which diversity in America enriches our intellectual, social and cultural lives.
3. assist students in their preparation for both professional and civic life, by providing them perspective and insight on the diversity they will encounter in their workplaces and communities.
4. provide students the foundation for asking and answering insightful questions about the ways in which diverse peoples interact with each other and the consequences of these interactions.

Minor

Students must complete a minor*. (A second major will also satisfy this requirement.) A student may fulfill the minor requirement in any department or division, as long as the minor selected is not identical to the student's major.

* Minor requirement does not apply to Music majors (other than Music in Liberal Arts) or students pursuing licensure in Early Childhood Education.

See <http://www.bw.edu/resources/registration/info/2005core/class/> for a complete list of courses that meet each component of the core.

Letter Designations:

D = Diversity Studies
F = Fine Arts

H = Honors Course
I = International Studies

L = Lab Science
W = HPE Course

ART & ART HISTORY

The curriculum of the Department of Art has a fourfold objective: to familiarize students with the basic principles of visual art and to prepare them to use the arts intelligently in their own lives: to devote their skills in various techniques and media: to develop their creative, aesthetic awareness and visual expression: and to foster an understanding and appreciation of the arts of other ages and cultures, as well as those of their own time and place.

Major

The department offers three areas of concentration: Art Education, History of Art, and Studio. Students should enroll initially in any of the 100 or 200 entry level courses which do not have prerequisites. (ART 102IF Art Appreciation is not designed for majors and is not recommended for students who are planning to major in studio or the history of art).

The department requests that enrolling freshmen studio majors present a portfolio of six to ten works when meeting with their faculty advisor.

History of Art Major

Computer Code: ARTH

Minimum credits required: 39

Required courses (* = Prerequisite Required)

History of Art--35 credits required

ART	231IF	Western Art I	4 credits
ART	232IF	Western Art II	4 credits
ART	234F	Survey of American Painting and Sculpture	3 credits
ART	235(IF)	Topics in Non-Western Art	3 credits
ART	331IF	Northern Medieval Art	3 credits
ART	332IF	Southern Medieval Art	3 credits
ART	333IF	Northern Renaissance Art	3 credits
ART	334IF	Southern Renaissance Art	3 credits
ART	335F	American Architecture and Urban Planning	3 credits
ART	431IF	Nineteenth Century Art	3 credits
ART	432IF	Twentieth Century Art	3 credits

Studio Art--4 credits required

ART	115F	Two Dimensional Design	2 credits
ART	117F	Color Theory	2 credits

Twenty-four hours of History of Art courses must be taken at Baldwin-Wallace.

If a student majoring in the history of art anticipates applying to a graduate program in the discipline, it is recommended that the student obtain a French 102 or German 102 proficiency before the completion of undergraduate work. A list of recommended courses for the major can be obtained from the head of the history of art area.

Seminars are offered, but are not required as part of the major and are not substituted for stated requirements.

Studio Art Major

Computer Code: ARTS

Majors will be required to participate in a yearly critique with the studio faculty. In addition, senior candidates for graduation will choose and mount a senior exhibition in April of their graduation year. The department also requests that enrolling freshmen studio majors present a portfolio of six to ten works when meeting with their faculty advisor.

Minimum credits required: 33 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

Studio Art--22 credits required

ART	110F	Drawing I	2 credits
ART	111F	Drawing II	2 credits*
ART	212F	Drawing III	2 credits*
ART	115F	Two Dimensional Design	2 credits
ART	116F	Three Dimensional Design	2 credits
ART	117F	Color Theory	2 credits
Additional Studio Courses			10 credits

History of Art--11 credits required

ART	103F	Art of Our Time	3 credits
ART	231IF	Western Art I	4 credits
ART	232IF	Western Art II	4 credits

Art Education Major

Computer Code: ARTE

Multi-age License--Visual Arts

Art education majors will be required to participate in a yearly critique with the studio faculty. In addition, senior candidates for graduation in art education will choose and mount a senior exhibition in April of their graduating year.

Minimum credits required: 52 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

Studio Art--32 credits required

ART	110F	Drawing I	2 credits
ART	111F	Drawing II	2 credits*
ART	212F	Drawing III	2 credits*
ART	115F	Two Dimensional Design	2 credits
ART	116F	Three Dimensional Design	2 credits
ART	117F	Color Theory	2 credits
ART	222F	Introduction to Photography OR	2 credits
ART	225F	Two-Dimensional Computer Imaging	2 credits

ART 213F	Introduction to Painting	2 credits
ART 246F	Introduction to Sculpture	2 credits
ART 216F	Introduction to Ceramics	2 credits
ART 248F	Introduction to Printmaking	2 credits
ART 328	Materials and Techniques	2 credits
Required Studio Elective Hours		8 credits

History of Art--20 credits required

ART 102IF	Art Appreciation	3 credits
ART 231IF	Western Art I	4 credits
ART 232IF	Western Art II	4 credits
ART 234F	Survey of American Painting and Sculpture	3 credits
ART 235F	Topics in Non-Western Art	3 credits
One Upper Level Art History Course		3 credits

The student must also satisfy the state requirements in education as offered in other areas of the college, especially those offered by the Division of Education. See Division of Education for a list of requirements.

Minor in History of Art

A minor in art concentrating in the history of art consists of a total of 20 hours, including ART 231IF, 232IF, and 234F, and 235F, and two 300 or 400 level courses. A maximum of one transferred course from another institution can help comprise the minor in art history.

Minor in Studio Art

A minor in art concentrating in the studio area consists of a total of 18 hours including ART 110F, 115F, 116F, 232IF, plus four studio courses of the student's choice.

Art and Art History Course Descriptions

History of Art

ART 050 INDEPENDENT STUDY One to four credit hours

See [Independent Study Program, Section II.](#)

ART 070 FIELD EXPERIENCE/INTERNSHIP One to twelve credit hours

See [Field Experience/Internship, Section II.](#)

ART 102IF ART APPRECIATION Three credit hours

A study of the meanings of visual form and imagery in architecture, painting and sculpture. Not recommended for art majors who have a history of art emphasis; required of art education majors. *Offered every semester.*

ART 103FD ART OF OUR TIME Three credit hours

A look into major trends in American painting, sculpture and architecture since 1945, emphasizing their exciting and meaningful relations in contemporary life. *Offered every semester.*

ART 231IF WESTERN ART I Four credit hours

A survey of Pre-historic, Ancient, Early Medieval, Islamic, Romanesque, Gothic and Northern Renaissance art. *Offered Fall or Spring semester every year.*

ART 232IF WESTERN ART II Four credit hours
A survey of art from the Italian Renaissance to the Modern period, including Baroque, Neoclassicism & Romanticism, Realism, Impressionism, Post-Impressionism, Cubism, Dada & Surrealism, Abstract Expressionism and Pop Art. *Offered Fall or Spring semester every year.*

ART 234F SURVEY OF AMERICAN PAINTING AND SCULPTURE Three credit hours
A survey of American painting and sculpture from the colonial era to World War II. *Offered every other year.*

ART 235IF TOPICS IN NON-WESTERN ART Three credit hours
A survey of the art of China, India, Japan, Africa or Pre-Colombian areas. *Offered every other year.*

ART 236IF EUROPEAN MUSEUMS AND ARCHITECTURE Two credit hours
Art and architecture to be seen while with the Seminar in Europe tour will be studied and discussed. Required of all participants. Course fulfills International Studies and Fine Arts Core credit.

ART 237IEF ART OF EUROPE OR ASIA Four credit hours
Title of course will vary each year. An intensive, two week, on-site investigation of the art in a specific region of Europe or Asia. Course fulfills International Studies and Fine Arts credit in the Core. Additional fees are required for participation in this course.

ART 263 SEMINAR IN ART HISTORY One to three credit hours
Areas of specialized interest are offered.

ART 331IF NORTHERN MEDIEVAL ART Three credit hours
A study of the art of Western Europe from the Carolingian period to the 15th century. *Offered every other year.*

ART 332IF SOUTHERN MEDIEVAL ART Three credit hours
A study of the Christian art of the western Mediterranean region to the 14th century and the art of the Byzantine Empire to the 15th century. *Offered every other year.*

ART 333IF NORTHERN RENAISSANCE ART Three credit hours
A survey of the art of the Netherlands, France, Germany and England from 1400-1600. *Offered every other year.*

ART 334IF SOUTHERN RENAISSANCE ART Three credit hours
A survey of the art of Italy from 1300 to 1520. Emphasis is placed on major artists of the 15th and early 16th centuries. *Offered every other year.*

ART 335F AMERICAN ARCHITECTURE AND URBAN PLANNING Three credit hours
A study of American architecture and urban planning from the colonial era to the present with Cleveland serving as an appropriate case study. *Offered every other year.*

ART 431IF NINETEENTH CENTURY ART Three credit hours
A study of European art from the French Revolution in the 1780s to the rise of modernism in the 1880s, emphasizing the works of major painters and sculptors. *Offered every other year.*

ART 432IF TWENTIETH CENTURY ART Three credit hours
A study of the history of art in Europe and America from 1900 to 1945. *Offered every other year.*

ART 491,492 DEPARTMENTAL THESIS/PROJECT >credit hours to be arranged

See [Departmental Thesis/Project, Section II.](#)

Studio Art

ART 050 INDEPENDENT STUDY One to four credit hours
See [Independent Study Program, Section II.](#)

ART 110F DRAWING I Two credit hours
Creative problem solving and self-expression are the underlying themes in this survey of the basic topics in drawing, including perspective, perception, materials and techniques.

ART 111F DRAWING II**Two credit hours***Prerequisite: Art 110F*

An extension of Art 110 that includes an introduction to figure drawing and pastels. Students begin formulating a unique personal vision and style while familiarizing themselves with more advanced pictorial strategies.

ART 115F TWO DIMENSIONAL DESIGN**Two credit hours**

An investigation of structure and order in the visual arts. Such two dimensional design concepts as figure/ground, positive/negative space, balance, composition, pattern and rhythm will be explored. Emphasis will be on learning basic design concepts through various projects, creation of artworks, visual problem solving, self-expression, and assessment through group critiques by learning to make critical aesthetic judgments.

ART 116F THREE DIMENSIONAL DESIGN**Two credit hours**

Students participate in creative problem-solving exercises that explore the concepts of three dimensional design. Students will participate in classroom critiques where emphasis will be placed on making critical aesthetic judgements.

ART 117F COLOR THEORY**Two credit hours**

The theory and practice of color are closely examined in this course. Useful applications are made to a broad range of fields with a special focus on the visual arts.

ART 212F DRAWING III**Two credit hours***Prerequisite: Art 111F*

An in-depth investigation of the human form through drawing. Topics covered include gesture, anatomy, color, and foreshortening. Students will be encouraged to develop a personal philosophy and style regarding the use of the human form in art.

ART 213F INTRODUCTION TO PAINTING**Two credit hours**

An introduction to oil painting, various techniques and styles, both traditional and contemporary, will be explored to aid the student in creative problem-solving and self-expression.

ART 214F INTERMEDIATE PAINTING**Two credit hours***Prerequisite: Art 213F*

An extension of ART 213F, students begin building a personal artistic style and philosophy through the exploration of a variety of subjects, working strategies and stylistic concerns. Readings and discussions on contemporary art and artists aid the students in this process.

ART 216F INTRODUCTION TO CERAMICS**Two credit hours**

An introduction to the potters wheel and the basic processes of hand forming, decorating and glazing pottery. Student projects will be evaluated based on craftsmanship, design, aesthetics and creativity.

ART 217F INTERMEDIATE CERAMICS**Two credit hours***Prerequisite: Art 216F*

An intensive study of utilitarian and non-utilitarian forms created with clay. Students will participate in classroom critiques where emphasis is placed on craftsmanship, design, aesthetics and creativity.

ART 220F DIGITAL PHOTOGRAPHY**Two credit hours**

This studio course covers the fundamentals of digital photography as an art form. Areas of study include learning to use the digital camera, shutter, aperture and exposure as well as gaining experience in the digital darkroom and in the process of the digital image with Adobe Photoshop. Students will also learn color management and how to print digital images. The course emphasizes visual problem solving and creativity through class assignments. Students must provide a 3 mega pixel camera or greater to complete the course.

ART 222F INTRODUCTION TO PHOTOGRAPHY**Two credit hours**

A study of the fundamentals of black and white photography as an art form. Various creative assignments acquaint the beginner with the taking of pictures, the processing of film, and the

enlargement and mounting of final prints. Students must provide their own cameras (with manual adjustable shutter speeds and apertures).

ART 225F TWO-DIMENSIONAL COMPUTER IMAGING **Two credit hours**

A study of two-dimensional computer imaging and design using Adobe Photoshop for creative image making and visual problem solving. Students will learn to operate the computer, picture and film scanners, and color printers while studying the raster based program Adobe Photoshop. The course will focus on 16 million color digital painting, drawing and photography. Students must provide film and/or digital cameras for use in the course.

ART 226F THREE-DIMENSIONAL COMPUTER IMAGING **Two credit hours**

Prerequisite: Art 225F

A study of three-dimensional computer imaging and design using the program 3Ds Max for creative image making, animation and visual problem solving. This program is the industry standard for 3D computer imaging for film, video, game creation and 3D visualizations. Students will learn to create virtual 3D worlds by creating 3D objects, navigating space, lighting, camera techniques, ray trace rendering and animation. Emphasis will be on the technical, visual problem solving and self-expression through this medium. May be repeated for credit.

ART 228F INTRODUCTION TO JEWELRY AND METAL DESIGN **Two credit hours**

A study of jewelry and design techniques for creating wearable art and objects. Students will learn to layout, pierce designs in metal, solder, patina, polish and display the works they have created. Students will learn the properties of—and work with—nickel, brass, copper and sterling silver. Emphasis will be placed on the marriage of technical skills and design.

ART 328F ADVANCED JEWELRY AND METAL DESIGN **Two credit hours**

Prerequisite: Art 228

This is an advanced metal design course. Emphasis is placed on the development of a personal aesthetic while more complex technical skills are explored. Students will become familiar with cold connections, simple metal casting, etching and forming processes. This course can be repeated for credit.

ART 246F INTRODUCTION TO SCULPTURE **Two credit hours**

Students explore creative processes aimed at uncovering the structural and plastic potential of a variety of media. Projects will be critiqued and evaluated while students learn to make critical aesthetic judgements.

ART 248F INTRODUCTION TO PRINTMAKING **Two credit hours**

An introductory course covering various printmaking processes; relief (linocut, woodcut, collagraph), and intaglio (etching). Emphasis will be on learning how to make prints, visual problem-solving, personal image-making, and assessment through group critiques by learning to make critical aesthetic judgments.

ART 263F SEMINAR **One to three credit hours**

Areas of specialized interest are offered

ART 315F ADVANCED PAINTING **Two credit hours**

Prerequisite: Art 214F

Primarily a self-directed course, students are responsible for creating a body of work that reflects individual formal and conceptual concerns. Students receive personalized guidance and feedback through discussions, directed readings and structured critiques. May be repeated for credit.

ART 318F ADVANCED CERAMICS **Two credit hours**

Prerequisite: Art 217F

The exploration and development of a student's personal style in ceramics. Through classroom critiques students learn to make critical aesthetic judgments. This course may be repeated for credit.

ART 319F SPECIAL TOPICS IN CERAMICS**One to two credit hours***Prerequisite: Consent of the Instructor*

This course will focus on and explore techniques and materials not covered in Art 216F, 217F, 318F. Areas of concentration may include Raku, Earthenware, Mold Making and Slip Casting, and Clay and Glaze Calculation. This course may be repeated for credit.

ART 323F ADVANCED PHOTOGRAPHY**Two credit hours***Prerequisite: Art 222F*

A study of advanced darkroom procedures with emphasis on color transparencies, black and white experimental techniques, and digital imaging. Creative projects emphasize visual problem-solving, self-expression, and assessment through group critiques by learning to make critical aesthetic judgments. May be repeated for credit.

ART 347F ADVANCED SCULPTURE**Two credit hours***Prerequisite: Art 246F*

An intensive study of the sculpture process in a medium of the students' choice. Through regular evaluation and critiques students will learn to make critical aesthetic judgments. May be repeated for credit.

ART 349F ADVANCED PRINTMAKING**Two credit hours***Prerequisite: Art 248F*

An intensive personal exploration of any print medium of the students choice. A search for individual style is emphasized. Advanced topics will also be covered and may include: photographic techniques in etching and lithography, the big woodcut, color techniques in relief and intaglio, the collagraph, the multi-block print, paper making and the print, and artists books. May be repeated for credit.

Art Education**ART 328 MATERIALS AND TECHNIQUES****Two credit hours***Required of all art education majors. Not open to freshmen*

A study of the materials and methods relative to teaching the visual arts as they pertain to the Early Childhood Licensure. Emphasis will be on how the visual arts may aid in the child's physical social, emotional, cognitive and creative development. The student will be actively engaged in the areas of design, painting, printmaking and other projects both two and three dimensional in nature.

ARTS MANAGEMENT PROGRAM

This program is designed to present an overview of skills and techniques required for managers of not-for-profit arts organizations as well as to introduce students to contemporary issues facing such organizations. The program consists of three components: a major or minor in music or dance, a major or minor in business administration, and special topic courses and internships in arts management. It is possible to complete a major in another field, two minors (one in music or dance and the other in business) and the arts management courses and internships and successfully complete the program. Because of the variety of career paths students in this program may take, faculty advising is a vital part of this program. Student needs, interests, background experience and future aspirations are used as guides to curricular recommendations which enable students to consider multiple options for graduate study or professional employment. For more information about Arts Management, contact program coordinator Bryan Bowser at (440) 826-2366 or bbowser@bw.edu.

Successful completion of the program will be indicated on the college transcript for students who successfully complete college and program requirements.

Program Requirements

Students enrolled in the program must choose a major field of study, a minor field of study and complete the dedicated Arts Management classes. Failure to complete the Arts Management classes will not prevent a student from graduating, although it will prevent satisfactory completion of the program from appearing on his or her transcript. The program consists at its minimum of the AMG courses, a specialized minor in music or dance, and a minor in Business. Minors may be replaced by a major in the same area where applicable.

There are three components to the program:

- 1- Arts Management component
- 2- Fine Arts component
- 3- Business Administration component

Arts Management Component

Minimum credits required: 15

Required courses (* = Prerequisite Required)

AMG 102	Intro to Arts Management	3 credits
AMG 270	On-Campus Internship	2 credits*
AMG 301	Public Relations, Marketing & Fundraising for the Arts Org.	3 credits*
AMG 401	Senior Experience	1 credit
AMG 470	Internship	3 credits*

One Fine Arts Appreciation Course- Must be chosen from a different Fine Arts discipline than the student's Fine Arts component. 3 credits

Fine Arts Component

The Fine Arts component may be satisfied by completing any of the following options:

Bachelor of Music, Music Major	126.5-137.5 credits
Bachelor of Arts, Music Major	41 credits
Dance Minor	23 credits
Specialized Music Minor for AMG Program (requirements follow):	17-18 credits
Performance Attendance (4 semesters)	0 credit
Applied Studies	8 credits
Ensemble	4 credits
MUL 174IF Musical Styles II: Romantic & 20 th Century Music	3 credits
<i>Select one of the following courses:</i>	
MUL 173IF Musical Styles I: Baroque & Classical Music	3 credits
MUS 178IF World Music	3 credits
MUS 228F Jazz History	2 credits

Business Component

The Business component may be satisfied by completing one of the following options:

Business Administration Major	45-46 credits
Business Administration Minor	23-30 credits

Arts Management Program

Course Descriptions

AMG 102 INTRODUCTION TO ARTS MANAGEMENT *Three credit hours*

An examination of the Arts Management field including career options, types of arts organizations, relationship of program components to program goals, and current issues in arts management. Students will also reflect upon their career goals, create preliminary plans for attaining them, and begin working on interview, resume, and professionalism skills.

AMG 270 ON-CAMPUS INTERNSHIP *Two credit hours*

Prerequisite: AMG 102

See [Internship Program, Section II](#).

AMG 301 PUBLIC RELATIONS, MARKETING & FUNDRAISING FOR THE ARTS ORGANIZATION *Three credit hours*

Prerequisite: AMG 102 and BUS 330.

This course focuses on skills related to strategic planning, outreach, and resource development strategies for not-for-profit arts organizations.

AMG 401 SENIOR EXPERIENCE *One credit hour*

Prerequisite: AMG 102, 270.

This course focuses on typical transitional issues for college seniors as they prepare for graduate school or careers in arts management.

AMG 470 INTERNSHIP *Three credit hours*

Prerequisites: AMG 102, AMG 270, AMG 301, 3.0 GPA and successful completion of a junior-year portfolio review and interview with the Arts Management faculty.

See [Internship Program, Section II](#).

ASIAN STUDIES MINOR

The primary goal of the Asian Studies Minor at Baldwin-Wallace College is to serve students who have personal and professional interests in learning more about Asia. With Asia's increasing international presence and influence, it is crucial to understand this region's historical, political, economic, and social experiences for students who seek to work in areas of international business, politics, and comparative studies in various fields. The course works for the minor combine the social sciences and the humanities as they investigate many dimensions of Asian life.

A student wishing to declare an Asian Studies Minor is encouraged to meet with the director of the Asian Studies Minor early in the student's college study to develop a plan for completing the minor's requirements. Direct all questions related to the minor to Dr. Liya Wang, director of the minor, in the Department of Sociology.

Asian Studies Minor

Students must earn a minimum of 19 credit hours distributed among the following requirements to complete the Asian Studies minor. (* = Prerequisite Required)

ASN 100I Understanding Asia 3 credits

Complete one semester of Asian language (from CHI 101, 102, 201 or 202) 4 credits

These Chinese courses are offered in the Foreign Languages Department at Baldwin-Wallace College. Students with native speaking ability or those who have taken an Asian language course (e.g., Japanese, Korean, or Hindu) elsewhere are exempt from the language requirement. The latter group must show transcripts that includes such a course. Students with the language exemption must take another 4 credit hour elective course instead to complete the minimum requirement of the 19 credit hours.

Elective courses in Humanities and Social Sciences# 12 credits

Electives must include at least 2 courses at the 200-300 level and must include at least one course in Humanities and at least one course in Social Sciences.

#The following courses count as electives:

HUMANITIES:

ART 235F	Topics in Non-Western Art	3 credits
ENG 335I	World Literature (when focus is on Asia)	4 credits*
ENG 336I	Specific Genres (when focus is on Asia)	4 credits*
HIS 291I	East Asia	3 credits*
HIS 391I	History of China	4 credits*
HIS 392I	History of Japan	4 credits*
HIS 236I	Women in Eastern Civilization	3 credits*
HIS 288I	Islamic History 600-1800	3 credits*
MUL 199I	Philosophy and Music of Asia	3 credits
REL 101I	Religions of India	3 credits

REL 102I	Religions of China and Japan	3 credits
REL 201I	Buddhist Culture in Asia	3 credits
REL 393I	Special Topics (when focus is on Asia)	3 credits*

SOCIAL SCIENCES:

ECN 362I	Economics of Developing Countries	3 credits*
POL 314I	Comparative Foreign Relations (when focus is on Asia)	3 credits
POL 326I	Special Topics (when focus is on Asia)	3 credits
POL 327I	Political change in Asia	3 credits
SOC 350I	Modern China	3 credits
SOC 250I	Socioeconomic Development in South Asia	3 credits

ASTRONOMY

Courses in astronomy are offered by the Department of Physics and Astronomy. No major or minor in astronomy is currently being offered.

Course Descriptions

- AST 050** **INDEPENDENT STUDY** *One to three credit hours*
See [Independent Study Program, Section II.](#)
- AST 070** **FIELD EXPERIENCE/INTERNSHIP** *Credit hours to be arranged*
See [Field Experience/Internship, Section II.](#)
- AST 100(L)** **OBSERVATIONAL ASTRONOMY** *Four credit hours*
The student is assumed to have had high school mathematics through algebra
An introductory lecture-laboratory course investigating the universe as revealed by observations. Stars, planets and other astronomical objects are observed with the naked eye, small telescopes, and the 13-inch telescope of the Burrell Memorial Observatory. Laboratory exercises emphasize the basis of observational facts which underlie modern astronomical knowledge. Lab included.
- AST 111** **ASTRONOMY OF THE STARS** *Three credit hours*
The student is assumed to have had high school mathematics through algebra
An introductory lecture course dealing primarily objects beyond the solar system. The course briefly discusses the historical development of astronomy, telescopes, and spectroscopy. The major topics covered are the birth and death of stars, the structure and evolution of galaxies, exotic objects such as pulsars, white dwarfs, black holes, radio galaxies, quasars and some of the current theories of cosmology. No Lab.
- AST 121** **ASTRONOMY OF THE SOLAR SYSTEM** *Three credit hours*
The student is assumed to have had high school mathematics through algebra
An introductory lecture dealing primarily with objects in the solar system. The course briefly covers the methods and historical development of astronomy. Drawing on the most recent data from space probes and the Hubble, the course's major topics include the structure of the sun, the structure and remarkable features of the planets and their moons, and solar system debris such as comets and asteroids. No Lab.
- AST 131(L)** **EXPLORATORY ASTRONOMY** *Four credit hours*
The student is assumed to have had high school mathematics through algebra
An introductory lecture-laboratory course dealing with topics in solar system and stellar astronomy. Lab exercises emphasize topics such as the nature and properties of light, optics, heat, mechanics, astronomical data analysis and/or computer simulations. Lab included.
- AST 200** **SCIENCE** *One to four credit hours*
A study of a topic in science which may involve an interdisciplinary approach. Course content is determined by the department under whose auspices the course is offered.
- AST 491,492** **DEPARTMENTAL THESIS/PROJECT** *Credit hours to be arranged*
See [Departmental Thesis/Project, Section II](#)

BIOLOGY AND GEOLOGY

The objective of the biology curriculum in the Department of Biology & Geology is to provide a strong foundation in the scientific principles governing living organisms—from the molecular and cellular level to ecological and environmental interactions. The biology major emphasizes research, critical thinking, and communication in order to build the skills and knowledge needed to succeed in a biological career or graduate/professional school. Examples of graduate and professional degrees pursued by recent graduates include medicine, dentistry, pharmacy, veterinary medicine, genetic counseling, nursing, environmental science, and molecular biology. Employers of recent graduates include pharmaceutical companies, school systems, government agencies, zoos, research labs, environmental education centers, and biotechnology companies.

The geology component of the Department provides the basic knowledge of the structural, physical and chemical nature of the planet and its manifestations on the surface.

Biology Major

Computer Code: BIOL

Minimum credits required: 50.5/51.5 (* = Prerequisite Required)

All listed biology courses have a prerequisite except BIO 121L, 122L & 163.

Required courses

BIO	121L, 122L	Principles of Biology	8 credits
BIO	211	Genetics	4 credits*
BIO	212	Microbiology	4 credits*
BIO	221	General Zoology	3 credits*
BIO	222	General Botany	3 credits*
BIO	163	Freshman Seminar	0.5 credits
BIO	263	Sophomore Seminar	1 credits*
BIO	363	Biology Seminar	0 credits
BIO	463	Senior Seminar	1 credits*
CHM	111, 112	General Chemistry w/ Labs	9 credits

At least one of the following Structure & Function Biology courses:

BIO	330	Gross Anatomy	4 credits*
BIO	332	Histology	3 credits*
BIO	333	Human Physiology	4 credits*
BIO	337	Plant Physiology	4 credits*

At least one of the following Cellular and Molecular Biology courses:

BIO	331	Developmental Biology	4 credits*
BIO	336	Molecular Biology	4 credits*
BIO	341	Immunology	4 credits*

At least one of the following Environmental Biology courses:

BIO	309	Vertebrate Natural History	4 credits*
BIO	310	Evolution	4 credits*
BIO	313	Ecology	4 credits*
BIO	334	Invertebrate Natural History	4 credits*

Biology Electives

6 credits

Additional biology courses totaling 6 credits are required bringing the minimum to 50.5/51.5 credits.

Courses in organic chemistry, physics, and statistics are recommended for students who expect to continue their education in graduate or professional school. The general biology sequence (BIO 121L and BIO 122L) and Freshman Biology Seminar (BIO 163) should be taken during the freshman year. The Sophomore Biology Seminar (BIO 263), General Zoology (BIO 221), and General Botany (BIO 222) should be taken the sophomore year. The Senior Biology Seminar (BIO 463) should be taken either the Fall or Spring semester of the senior year. Biology majors are expected to take the Biology Seminar (BIO 363) every semester after their freshman year. The BIO 121L, 122L courses are prerequisites for all two, three, and four hundred level biology courses for majors.

Biology Minor

A minor in biology consists of a minimum of 17 semester credits of biology (BIO) courses including BIO 121L, 122L. We encourage students to consult a biology faculty member to help them develop a minor that best suits their needs.

Geology Minor

Courses in Geology are offered by the Department of Biology and Geology.

The goals of the geology course offerings are to instill in the student an appreciation of the earth's place and behavior in the universe; to give an understanding of the processes that have acted throughout time to shape the earth, its resources, and its life forms; to examine the effects of these processes on human habitation and the environment; and to bring an awareness of the interdisciplinary nature of the solutions to the earth's environmental problems.

A Geology minor shall consist of a minimum of 15 credit hours and must include GEO 111L, 112L, and 232L. The additional three hours must be selected from the geology courses listed below.

A minor in geology is offered to meet the needs of those preparing to teach earth sciences in primary and secondary schools, those who are simply interested in learning more about the earth as part of a liberal arts education, and to provide a foundation for those who wish to do further work in geology or environmental sciences.

Biology Course Descriptions

BIO 050 **INDEPENDENT STUDY** **One to four credit hours**

See [Independent Study Program, Section II.](#)

BIO 070 **FIELD EXPERIENCE/INTERNSHIP** **One to twelve credit hours**

Up to twelve hours may count toward graduation, but only four hours may count toward the biology major.

See [Field Experience/Internship, Section II.](#)

BIO 101 **HUMAN BIOLOGY** **Three credit hours**

For non-biology majors only; does not count toward biology major credits

A non-laboratory scientific study of fundamental biological principles as they pertain to the human condition.

BIO 110L **BIOLOGY FOR THE CITIZEN** **Three credit hours**

For non-biology majors only; does not count toward biology major credits

A lecture-laboratory inquiry into selected biological topics of interest to the intelligent citizen.

BIO 111L **FIELD BIOLOGY** **Four credit hours**

For non-biology majors only; does not count toward biology major credits

An ecological approach to the study of life with emphasis on the outdoor world and peoples place in it. A field and laboratory course emphasizing the natural history of selected aquatic and terrestrial ecosystems.

BIO 121L **PRINCIPLES OF BIOLOGY I** **Four credit hours**

A lecture-laboratory survey of cellular and molecular biological principles. Topics include the chemistry of living cells; cellular structure, function, and metabolism; and the principles of inheritance.

BIO 122L **PRINCIPLES OF BIOLOGY II** **Four credit hours**

A lecture-laboratory survey of macro-level biological principles. Topics include evolution, diversity, classification, ecology, and environmental science.

BIO 150 **HUMANS & THE EARTH: CAN WE COEXIST?** **Three credit hours**

This team taught, interdisciplinary course examines global environmental issues, including biodiversity, climate, energy and population from biological and other disciplinary perspectives. These other perspectives will vary depending upon the academic disciplines of the other two faculty members who will teach the course. The student can satisfy three core credits, either in the sciences (BIO 150) or in the social sciences (ECN 150).

BIO 163 **FRESHMAN BIOLOGY SEMINAR** **One-half credit hours**

All biology majors must take this course during their first year of study at Baldwin-Wallace.

This course serves as an introduction to the opportunities, expectations, and responsibilities that result from choosing a career in the biological sciences. The course consists of discussions, outside speakers, assessment testing, and presentations given by senior biology majors. Graded S/U.

BIO 180L **INTRODUCTION TO BIOTECHNOLOGY** **Three credit hours**

For non-biology majors only; does not count toward biology major credits

An introduction to the science of biotechnology. Topics to be covered include a survey of the fundamentals of proteins and DNA, the basic procedures employed in working with these biological molecules, and the construction of recombinant DNA and transgenic animals ("genetic engineering"). The class will also explore the societal impact of biotechnology.

BIO 200 **SCIENCE** **Three credit hours**

A study of a topic in science that involves an interdisciplinary approach. The department under whose auspices the course is offered determines course content.

BIO 203L HUMAN ANATOMY AND PHYSIOLOGY I Four credit hours
A lecture-laboratory course covering cells, tissues and the skeletal, muscular, nervous, sensory, and respiratory systems of the human body. Prosected human cadavers, organs and skeletons will be studied in the laboratory portion of the course.

BIO 204 HUMAN ANATOMY AND PHYSIOLOGY II Three credit hours
Prerequisite: BIO 203L

A continuation of BIO 203L, covering the cardiovascular, integumentary, endocrine, immune, digestive, urinary, reproductive and lymphatic systems of the human body. Prosected human cadavers, organs and live human specimens will be studied in the laboratory portion of the course.

BIO 210(I) TROPICAL ECOLOGY Four credit hours
Prerequisite: Consent of instructor

This course explores ecological principles as demonstrated by interactions among tropical organisms and their environments. The laboratory component of the course involves field work done in a tropical setting.

BIO 211 GENETICS Four credit hours
Prerequisite: BIO 121L, 122L

A lecture-laboratory study of classical, cellular and population genetics.

BIO 212 MICROBIOLOGY Four credit hours
Prerequisite: BIO 121L, 122L

A lecture-laboratory study of microorganisms, particularly bacteria. The relationship of these microorganisms to humans is emphasized.

BIO 221 GENERAL ZOOLOGY Three credit hours
Prerequisite: BIO 121L, 122L

A lecture-laboratory survey of the animal kingdom.

BIO 222 GENERAL BOTANY Three credit hours
Prerequisite: BIO 121L, 122L

A lecture-laboratory study of the plant kingdom with emphasis on the flowering plants.

BIO 250 PRINCIPLES OF NEUROSCIENCE Three credit hours
This course may be taken to partially satisfy the general curriculum requirement in either the Social Sciences or the Natural Sciences.

An introduction to the study of the brain and behavior. In this course students will become familiar with recent advances in the growing field of Neuroscience as they consider how their brains work and how the nervous system grows, perceives, controls the body, sleeps, ages and responds to damage and disease.

BIO 263 SOPHOMORE BIOLOGY SEMINAR One credit hours

Prerequisite: BIO 163. Biology majors must take this course during their sophomore year. Transfer biology majors must take this course the next semester after they take BIO 163 if they are sophomores or higher when they transfer in. Otherwise, they must take this course their sophomore year.

Students in this course will learn how to do scientific literature searches, learn about scientific writing, and develop a topic for a Biology seminar presentation.

BIO/PSY 303 PHYSIOLOGICAL PSYCHOLOGY Four credit hours
Prerequisite: PSY 100 or PSY 110 or BIO 121L or BIO 203L or consent of instructor. This course may be taken to partially satisfy the general curriculum requirement in the social sciences.

This lecture-laboratory course provides an overview of the physiological bases of behavior, cognition, motivation, emotion, learning and memory. Emphasis is placed on the mechanisms of brain and endocrine system functioning.

BIO 309 VERTEBRATE NATURAL HISTORY Four credit hours
Prerequisite: BIO 121L, 122L

A lecture-laboratory-field study of the evolution and ecology of vertebrate animals.

- BIO 310** **EVOLUTION** **Four credit hours**
Prerequisite: BIO 121L, 122L
 A lecture-laboratory-field study of the fundamental principles of organic evolution.
- BIO 313** **ECOLOGY** **Four credit hours**
Prerequisite: BIO 121L, 122L
 A laboratory-field study of the concepts of ecology. Representative aquatic and terrestrial ecosystems will be studied.
- BIO 330** **GROSS ANATOMY** **Four credit hours**
Prerequisite: BIO 121L, 122L
 A lecture-laboratory study of the gross structure of the human body. All organ systems of the body will be covered. Detailed consideration is given to the manner in which organs are organized into body systems. Human cadavers, skeletons, and organs will be studied in the laboratory portion of the course.
- BIO 331** **DEVELOPMENTAL BIOLOGY** **Four credit hours**
Prerequisite: BIO 121L, 122L are required and BIO211 is recommended
 A lecture-laboratory course emphasizing the processes and concepts of embryonic development at the cellular, tissue, and organismal levels. A large part of this course is concerned with the biochemical, cellular, and molecular aspects of developmental biology. In addition, this course emphasizes the interrelationships between embryology and other fields of biology including evolution, genetics, biochemistry, cell biology, and anatomy.
- BIO 332** **HISTOLOGY** **Three credit hours**
Prerequisite: BIO 121L, 122L
 A lecture-laboratory study of the microscopic structure of the human body. All organ systems will be covered. Detailed consideration is given to the manner in which cells are organized into tissues and tissues are organized into organs. Slides of human tissues and organs will be studied in the laboratory portion of the course.
- BIO 333** **HUMAN PHYSIOLOGY** **Four credit hours**
Prerequisite: BIO 121L, 122L
 A lecture-laboratory study of the fundamental processes responsible for the normal function of the cells, tissues, organs, and systems of the human body. Initial emphasis is given to physiological processes common to all cells of the body. Essential concepts of physiology at the organ and system level are then presented.
- BIO 334** **INVERTEBRATE NATURAL HISTORY** **Four credit hours**
Prerequisite: BIO 221
 A laboratory-field study of the ecology, behavior and importance of invertebrate animals. Special emphasis is given to insects and marine organisms.
- BIO 336** **MOLECULAR BIOLOGY** **Four credit hours**
Prerequisite: BIO 211 is required and BIO 212 is recommended
 A lecture-laboratory study of some of the major techniques and applications in molecular biology.
- BIO 337** **PLANT PHYSIOLOGY** **Four credit hours**
Prerequisite: BIO 121L, 122L
 A lecture-laboratory study of the mechanisms employed by plants to solve the problems of life on land. Discussion of classic and current papers from the literature is included. Major topics covered are stress physiology, growth and development, and photosynthesis. The cellular and molecular basis for plant function is explored. The implications of plants' physiological adaptations in ecology and agriculture are emphasized.
- BIO 341** **IMMUNOLOGY** **Four credit hours**
Prerequisite: BIO 121L, 122L are required and BIO 212 is recommended.
 A lecture-laboratory study of innate and acquired immune responses.
- BIO 363** **BIOLOGY SEMINAR** **Zero credit hours**
 This course consists of attending the senior biology seminar (BIO 463) and evaluating the presentations. Graded S/U.

BIO 365 **ECOLOGY FIELD STUDIES** **Two credit hours**

Prerequisite: Consent of the instructor

A field and classroom study of a particular ecosystem. A major component of the course will be an extensive field trip that will take place during or after the semester in which the course is offered. Graded S/U.

BIO 405 **ADVANCED TOPICS IN BIOLOGY** **One to four credit hours**

Prerequisite: Junior or Senior standing or consent of instructor. Prerequisite courses will be specified on the basis of the subject offered.

A single topic will be addressed each time the course is offered, but topics chosen may differ.

BIO 463 **SENIOR BIOLOGY SEMINAR** **One credit hours**

Prerequisite: One or two semesters of BIO 363. Must be repeated if grade is below C.

Students enrolled in this course will give an oral presentation to the faculty and students of the Department on a previously approved biological topic that they have researched. They will write a research paper on the same topic.

BIO 491 **DEPARTMENTAL THESIS/PROJECT** **Credit hours to be arranged**

See [Departmental Thesis/Project, Section II](#).

Medical Technology

Before entering hospital training, students enrolled in the Medical Technology Program at Baldwin-Wallace College may elect one of two options: the three-plus-one hospital-based affiliation program or the four-plus-one hospital-based affiliation program (Post-BS option). Both options require the fulfillment of the College requirements for graduation and also the following requirements of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS):

Sixteen hours of biological sciences, including Microbiology, Immunology, Genetics or Molecular Biology, Anatomy and Physiology; 16 hours of chemistry including Organic and Biochemistry; Statistics; the bachelor's degree, and a 12 month hospital training program.

The hospital presently affiliated with Baldwin-Wallace is Southwest General Health Center.

Before admission to the hospital training program, a student's transcript is evaluated by the registrar and sent to the hospital at the student's request. Requests for this evaluation, as well as an application for admission to the hospital school of medical technology, should be submitted about one year prior to entrance into the hospital training program. Priority will be given to students enrolled in the three-one program; however, acceptance is not guaranteed.

Upon satisfactory completion of one year of hospital training, the student receives a Bachelor of Science degree with a major in biology and is then eligible to take a National Certification Examination. Four hours from the hospital training program will count toward the Biology major at Baldwin-Wallace.

Students will receive close personal counseling. A faculty advisor with practical experience and genuine concern will work with any student who seeks this help. Periodically, there are opportunities to visit medical technology laboratories and to interact with professionals, as well as students, currently in training.

Courses Offered in Hospital Schools of Medical Technology

Prerequisite: Enrollment in a hospital school of medical technology that has been approved by the Council of Medical Education of the American Medical Association in collaboration with the National Accrediting Agency for Clinical Laboratory Sciences.

MICROBIOLOGY AND IMMUNOLOGY**Ten credit hours**

Lectures and laboratory experience in bacteriology, parasitology, mycology and immunology; culture and identification of microorganisms; utilization of media; antibiotic sensitivity studies; serology tests.

CLINICAL CHEMISTRY**Eight credit hours**

Lectures and laboratory experience; applied automated techniques in quantitative chemistry of blood and other body fluids.

HEMATOLOGY**Six credit hours**

Lectures and laboratory experience; blood morphology in health and disease; normal and abnormal physiology of blood; venipuncture technique; blood cell counting and identification.

BLOOD BANK**Three credit hours**

Lectures and laboratory experience; common blood group antigens and antibodies; identification; compatibility testing; collection and preparing blood products for transfusion.

CLINICAL MICROSCOPY**One credit hours**

Lectures and laboratory experience; chemical and microscopic examination of urine.

SPECIAL SUBJECTS**Four credit hours**

Lectures, demonstrations and laboratory experience that might include special subjects such as hospital orientation, laboratory computer systems, management and education.

Geology Course Descriptions**GEO 104L****GEOLOGY OF NATIONAL PARKS****Four credit hours**

An introduction to the geology of selected national parks and monuments of the United States, emphasizing basic geologic principles and processes illustrated by the geology of each area. Three lecture sessions and one lab per week.

GEO 111L**THE DYNAMIC EARTH****Four credit hours**

A study of the origin and nature of minerals and rocks as well as the dynamic processes acting on and in the earth (erosion, sedimentation, volcanism, plate tectonics) and their results as reflected in topography and earth structure. Three lecture sessions and one lab per week. One field trip required.

GEO 112L**EARTH HISTORY & PLATE TECTONICS****Four credit hours**

An introduction to the geologic history of the earth including the history of the large scale crustal movements (plate tectonics) and the evolutionary development of prehistoric organism which inhabited the earth. Three lecture sessions and one lab per week. One field trip required.

GEO 121IL**PHYSICAL GEOGRAPHY****Four credit hours**

An introduction to some of the physical features of the earth and their significance in relation to many of the activities and problems of humans in the modern world. Three lecture sessions and one lab per week.

GEO 150**REGIONAL GEOLOGY & GEOGRAPHY****Two credit hours**

An introduction to physical and historical geology as well as physical geography of selected areas. Basic geological principles and processes will be illustrated by the geology of the area of interest.

GEO 163**GEOLOGY SEMINAR****One credit hours**

This course consists of study, discussion and demonstration of special topics. One class session per week.

GEO 200**SCIENCE****Three credit hours**

An interdisciplinary approach to a topic of scientific interest. Course content is determined by the topic chosen.

GEO 221L SHAPING THE LAND *Three credit hours*

This course explores meteorology and geomorphology, explains the components of weather that effect life on earth, describes the inner forces that create mountains and continents, and describes how erosion and weathering of solid rock level the surface of the earth's crust.

GEO 223L GEOLOGY OF THE ROCKY RIVER VALLEY *Three credit hours*

This course utilizes the local resource of the Rocky River Valley to teach principles of geology. The student will be in the valley every weekend to study the geologic features.

GEO 225L CRYSTALS, MINERALS, AND ROCKS *Four credit hours*

An entry-level laboratory course that introduces the basic concepts of crystallography, mineralogy, and petrology.

GEO 227 ENVIRONMENTAL GEOLOGY *Three credit hours*

An exploration of how the earth's geologic environment affects the earth's life forms. It is also an exploration of the impact of man on the earth's geologic evolution, and a review of the laws governing the use of natural resources.

GEO 229 OCEANOGRAPHY *Three credit hours*

A study of the physical aspects of the oceans starting with the ocean floor continuing to the chemical make up of the water, the currents, and movement of the waves. The ocean environment and relationship between the ocean and the atmosphere will be included.

GEO 232L ELEMENTS OF MINERALOGY *Four credit hours*

Prerequisite: GEO111 or consent of the instructor

A course that includes the elements of crystallography, crystal growing, crystal chemistry, physical properties and descriptive mineralogy of the important or rock forming minerals. Three lecture sessions and one lab per week.

BUSINESS ADMINISTRATION

The Division of Business Administration trains students to take their places in the modern organizations of society. The Division's undergraduate and graduate programs are designed to educate students to assume a variety of responsibilities within a business firm, a nonprofit organization or a public institution or agency. While an objective of the Division is to prepare a person for specific career orientation, the Division recognizes that the student must also develop into an individual ready to adapt to personal and social problems as well as to a constantly changing global, competitive environment. Therefore, prior to entering a specialized curriculum, students will broaden their preparation in written and oral communications, the social and natural sciences, mathematics and other courses that will prepare them for a lifetime of learning.

Special Note: A course taken as an elective for a BUS major cannot be used as an elective to satisfy the requirements of another BUS major or minor.

Business Administration Major

Computer Code: BSAD

Minimum credits required: 54

Prerequisite Courses (* = Prerequisite Required)

ECN 101	Principles of Economics I (Micro)	4 credits
ECN 102	Principles of Economics II (Macro)	4 credits*
ECN 279	Elements of Statistics	4 credits*
CSC 121	Introduction to Computer Information Systems	3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS 211	Principles of Accounting I	3 credits*
BUS 212	Principles of Accounting II	3 credits*
BUS 305	Introduction to Management	3 credits*
BUS 326	Legal Environment of Organizations	3 credits
BUS 330	Introduction to Marketing	3 credits*
BUS 342	Corporate and Organizational Finance	3 credits*
BUS 365	Management Science	3 credits*
BUS 451	Management Strategy & Policy	3 credits*

Elective Business Administration Courses

Five elective courses at the 300-400 level 15 credits

Students majoring in business administration must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.

3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Business Administration Minor- 28 credit hours

Prerequisite Courses: (* = Prerequisite Required)

ECN	100^	Survey of Economics	3 credits
ECN	279	Elements of Statistics	4 credits*

Required Business Administration Courses: (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	330	Introduction to Marketing	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*

Elective Business Administration Courses:

Two Business Administration courses at the 300-400 level			6 credits
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^The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

Accounting Major

Computer Code: BSAC

The Accounting Major provides both technical accounting and financial skills and the broad functional business background necessary to succeed in this challenging career field. New financial instruments and accounting pronouncements are being developed constantly. Tax laws are ever changing. While Accounting expertise is critical, managers in the field must make recommendations and decisions with the 'big picture' in mind and communicate information in an open and understandable way to both external and internal users.

Minimum credits required: 54

Prerequisite Courses (* = Prerequisite Required)

ECN	101	Principles of Economics I (Micro)	4 credits
ECN	102	Principles of Economics II (Macro)	4 credits*
ECN	279	Elements of Statistics	4 credits*
CSC	121	Introduction to Computer Information Systems	3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*

BUS	365	Management Science	3 credits*
BUS	451	Management Strategy & Policy	3 credits*

Elective Accounting Courses

Five elective courses in Accounting
(among BUS 316, BUS 321, BUS 322, BUS 328, BUS 407, BUS 408, BUS 417, BUS 418, BUS 420, BUS 421, BUS 463 Financial Statement Analysis, BUS 463 Principles of Fraud Analysis) 15 credits

Students majoring in Accounting must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.
3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Accounting Minor- 25 credit hours

Prerequisite Courses: (* = Prerequisite Required)

ECN	100 [^]	Survey of Economics	3 credits
ECN	279	Elements of Statistics	4 credits*

Required Business Administration Courses: (* = Prerequisite Required)

BUS	208 [#]	Introduction to Business	3 credits
BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*

Elective Accounting Courses:

Three elective courses in Accounting
(among BUS-316, 321, 322, 407, 408, 417, 418, 420, 421) 9 credits

[^]The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

[#]The sequence of BUS 305, BUS 326, & BUS 330 can be substituted for BUS 208

Finance Major

Computer Code: BSFN

The field of financial management, now more than ever, needs ethical professionals with a broad educational background. Financial management examines the sources and uses of funds within an organization, the returns and risks related to an organization's working capital and capital budgeting decisions. Financial curriculum prepares students for challenging and fast-paced positions in financial planning, investment, and services in both public and private sector finance.

Minimum credits required: 54

Prerequisite Courses (* = Prerequisite Required)

ECN	101	Principles of Economics I (Micro)	4 credits
ECN	102	Principles of Economics II (Macro)	4 credits*
ECN	279	Elements of Statistics	4 credits*
CSC	121	Introduction to Computer Information Systems	3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*
BUS	365	Management Science	3 credits*
BUS	451	Management Strategy & Policy	3 credits*

Elective Finance Courses

Five elective courses in Finance
(among BUS 329, BUS 416, BUS 444, BUS 445, ECN 339, BUS 463
Financial Statement Analysis) 15 credits

Students majoring in Finance must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.
3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Finance Minor- 28 credit hours**Prerequisite Courses** (* = Prerequisite Required)

ECN	100^	Survey of Economics	3 credits
ECN	279	Elements of Statistics	4 credits*

Required Business Administration Courses (* = Prerequisite Required)

BUS	208#	Introduction to Business	3 credits
BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*

Elective Finance Courses:

Three elective courses in Finance (among BUS-416, 444, 445, ECN 339)	9 credits
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^The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

#The sequence of BUS 305, BUS 326, & BUS 330 can be substituted for BUS 208

Human Resources Major
Computer Code: BSHR

The Human Resources Major provides knowledge in the technical areas of Employment Law, Staffing and Development, Compensation, and Human Resource Strategy. Understanding of the overall organizational strategy and business environments is accompanied by experience in the application of current Human Resource business practices. This knowledge and skill base prepares students to work in both large corporations and small entrepreneurial firms.

Minimum credits required: 54**Prerequisite Courses** (* = Prerequisite Required)

ECN	101	Principles of Economics I (Micro)	4 credits
ECN	102	Principles of Economics II (Macro)	4 credits*
ECN	279	Elements of Statistics	4 credits*
CSC	121	Introduction to Computer Information Systems	3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*
BUS	365	Management Science	3 credits*
BUS	451	Management Strategy & Policy	3 credits*

Elective Human Resources Courses

Five elective courses in Human Resources
(among BUS 329, BUS 409, BUS 410, BUS 411, BUS 412, BUS 413, ECN 349) 15 credits

Students majoring in Human Resources must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.
3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Human Resource Minor- 24 credit hours

Prerequisite Courses

ECN 100[^] Survey of Economics 3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS 208# Introduction to Business 3 credits

BUS 305 Introduction to Management 3 credits*

BUS 326 Legal Environment of Organizations 3 credits

BUS 410 Human Resource Management 3 credits*

Elective Human Resource Management Courses:

Three elective courses in H.R. Management 9 credits
(among BUS-329, 409, 411, 412, 413, ECN 349)

[^]The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

[#]The sequence of BUS 211, BUS 212, & BUS 330 can be substituted for BUS 208

Management Major

Computer Code: BSMG

Management Majors understand how to manage the key resource in today's organization, people. Management focuses on leadership activities within organizations in various business environments. The functions of managers are examined from a holistic, systemic perspective with an emphasis on behavioral interactions and integration to create organizational effectiveness. Management is a cross-disciplinary field that provides a strong theoretical knowledge base accompanied by significant experiential learning.

Minimum credits required: 54

Prerequisite Courses (* = Prerequisite Required)

ECN	101	Principles of Economics I (Micro)	4 credits
ECN	102	Principles of Economics II (Macro)	4 credits*
ECN	279	Elements of Statistics	4 credits*
CSC	121	Introduction to Computer Information Systems	3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*
BUS	342	Corporate and Organizational Finance	3 credits*
BUS	365	Management Science	3 credits*
BUS	451	Management Strategy & Policy	3 credits*

Elective Management Courses

Five elective courses in Management

(among ECN/BUS 344, ECN 349, BUS 329, BUS 409, BUS 410, PSY 320, PSY 321) 15 credits

Students majoring in Management must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.
3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Management Minor- 21 credit hours

Prerequisite Courses:

ECN 100^ Survey of Economics 3 credits

Required Business Administration Courses:

BUS 208# Introduction to Business 3 credits

BUS 305 Introduction to Management 3 credits*

BUS 326 Legal Environment of Organizations 3 credits

Elective Management Courses:

Three elective courses in Management
(among BUS-329, 409, 410, ECN 349) 9 credits

^The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

#The sequence of BUS 211, BUS 212, & BUS 330 can be substituted for BUS 208

Marketing Major

Computer Code: BSMK

The Marketing Major offers an integrative approach to understanding and solving contemporary marketing challenges. The curriculum provides students with an understanding of core marketing tools including consumer analysis, market research, communication, and strategic planning. Students then apply these marketing tools in the development of marketing plans, case studies, and actual marketing strategies. Coursework prepares students for careers in advertising, sales, product development, marketing management, market research, and account management.

Minimum credits required: 54

Prerequisite Courses (* = Prerequisite Required)

ECN 101 Principles of Economics I (Micro) 4 credits

ECN 102 Principles of Economics II (Macro) 4 credits*

ECN 279 Elements of Statistics 4 credits*

CSC 121 Introduction to Computer Information Systems 3 credits

Required Business Administration Courses (* = Prerequisite Required)

BUS 211 Principles of Accounting I 3 credits*

BUS 212 Principles of Accounting II 3 credits*

BUS 305 Introduction to Management 3 credits*

BUS 326 Legal Environment of Organizations 3 credits

BUS 330 Introduction to Marketing 3 credits*

BUS 342 Corporate and Organizational Finance 3 credits*

BUS 365 Management Science 3 credits*

BUS 451 Management Strategy & Policy 3 credits*

Elective Marketing Courses

Five elective courses in Marketing
(among BUS 329, BUS 333, BUS 334, BUS 335, BUS 338, BUS 432, BUS 436I, BUS 437, CST 206) 15 credits

Students majoring in Marketing must also meet these requirements:

1. At least six (6) courses at the 300-400 level must be completed in the Division of Business Administration at Baldwin-Wallace College.
2. Not more than 60 semester hours of BUS prefix course work can be applied to the 124 hours required for the Bachelor of Arts degree. This includes any transferred BUS credit hours, field experience and independent study sponsored by Business Administration.
3. Students planning to attend graduate school are encouraged to take calculus.
4. A maximum of 4 semester hours of a D grade in a required BUS prefix course may be counted toward the major.

Marketing Minor- 21 credit hours

Prerequisite Courses:

ECN	100 [^]	Survey of Economics	3 credits
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Required Business Administration Courses:

BUS	208#	Introduction to Business	3 credits
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*

Elective Marketing Courses:

Three elective courses in Marketing
(among BUS 333, 334, 335, 338, 432, 436I, 437, CST 206) 9 credits

[^]The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

[#]The sequence of BUS 211, BUS 212, & BUS 305 can be substituted for BUS 208.

Entrepreneurship Minor- 21 credit hours

The Entrepreneurship Minor provides a framework to understand the mindset, behaviors, experiences and skills of an entrepreneur; how an entrepreneurial business is planned, started and transitioned to the growth stage; and culminates in the development of a complete business plan. Key components to coursework include learning how to evaluate growth objectively, anticipate problems, develop pragmatic solutions and assemble the resources to implement a strategic vision.

Prerequisite Courses

ECN	100 [^]	Survey of Economics	3 credits
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Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	212	Principles of Accounting II	3 credits*
BUS	330	Introduction to Marketing	3 credits*

Entrepreneurship Courses (* = Prerequisite Required)

BUS	215	Introduction to Entrepreneurship	3 credits
BUS	315	Small Business Management	3 credits*
BUS	415	Business Plan Development	3 credits*

[^]The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

[#]The sequence of BUS 211, BUS 212, & BUS 305 can be substituted for BUS 208.

Management and Organization Minor- 21 credit hours

The minor in management and organization is designed for students majoring in Sport/Dance/Arts management but is open to any non-business major. This minor is not recommended for students who contemplate future graduate degrees in business administration.

Prerequisite Courses

ECN	100 [^]	Survey of Economics	3 credits
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Required Business Administration Courses (* = Prerequisite Required)

BUS	211	Principles of Accounting I	3 credits*
BUS	305	Introduction to Management	3 credits*
BUS	326	Legal Environment of Organizations	3 credits
BUS	330	Introduction to Marketing	3 credits*
BUS	358	Business Communication	3 credits
BUS	409	Behavioral Theories of Management	3 credits

[^]The sequence of ECN 101 and ECN 102 can be substituted for ECN 100

2+2 Transfer Program in Business Administration

Baldwin-Wallace College accepts transfer credit earned in approved AAB programs toward the Bachelor of Arts degree with a major in business administration. The approved programs offered by the area community colleges with which the affiliations exist are:

CUYAHOGA COMMUNITY COLLEGE

- Accounting
- Accounting, concentration in Accounting Theory
- Business Management
- Business Management, concentration in Small Business
- Industrial Management
- Marketing
- Marketing, concentration in Professional Selling

LAKELAND COMMUNITY COLLEGE

- Accounting
- Business Management, with approved electives in Accounting, Business or Marketing

LORAIN COUNTY COMMUNITY COLLEGE

- Accounting
- Banking and Finance

Business Administration

Course Descriptions

BUS 050I **INDEPENDENT STUDY** *One to four credit hours*

See [Independent Study Program, Section II.](#)

BUS 070 **FIELD EXPERIENCE/INTERNSHIP** *One to twelve credit hours*

See [Field Experience/Internship, Section II.](#)

BUS 208 **INTRODUCTION TO BUSINESS** *Three credit hours*

This course provides an introduction to the role of business in modern society, its responsibilities and obligations, existing forms and functions, and projected changes and their effect on society. Not open to students who have taken BUS 305.

BUS 211 **PRINCIPLES OF ACCOUNTING I** *Three credit hours*

Prerequisite: MTH 136

This is an introductory course designed to acquaint students with the principles of accounting theory with emphasis upon the accounting cycle, the accounting equation, and the preparation and interpretation of the primary financial statements as they relate to various business organizations.

BUS 212 **PRINCIPLES OF ACCOUNTING II** *Three credit hours*

Prerequisite: MTH 136, BUS 211

A continuation of BUS 211, this course emphasizes the managerial applications of accounting information.

BUS 215 **INTRODUCTION TO
ENTREPRENEURSHIP** *Three credit hours*

This overview course will give students an awareness of the skills, knowledge and abilities needed to be a successful entrepreneur. An objective of the course is to develop students' ability to become opportunity-focused and recognize their own entrepreneurial potential. Students will examine a framework that views entrepreneurship as a process that emphasizes the individual, the environment, the organization. Topics such as entrepreneurship, family businesses, social entrepreneurship, and innovation will be explored.

BUS 243 **PERSONAL FINANCE** *Three credit hours*

This course studies the principles of personal finance with an emphasis on personal taxes, cash and savings instruments, consumer loans, stock and bond investments, real estate, insurance, and retirement planning.

BUS 250 **GREEN BUSINESS: GOD, MONEY AND
ECOLOGY** *Three credit hours*

Consideration of what ethics and religion have to say about the relationship of business and the environment both in the U.S. and in developing countries is covered in this course.

BUS 263 **SEMINAR** *One to three credit hours*

Seminars are open to all students who have completed listed prerequisites. Seminars study a specified current business topic and may be taken more than once for credit provided the topic or subject area is different.

BUS 305 **INTRODUCTION TO MANAGEMENT** *Three credit hours*

Prerequisite: Junior standing

This course examines the leadership activities of managers within organizations in various environments. It also analyzes the functions of management from a holistic or systems perspective with emphasis on behavioral interaction and integration to create organizational effectiveness. Students apply knowledge acquired to successfully meet individual and organizational challenges.

BUS 315 SMALL BUSINESS MANAGEMENT**Three credit hours***Prerequisite: BUS 330*

This course develops the students' understanding of how the functional areas of business are applied in a small, entrepreneurial enterprise. Because of the cross-functional demands on the entrepreneur, this course covers a wide range of topics. Students will gain a greater understanding of the interdependencies within an organization. Topics such as guerilla marketing, networking, legal forms of an organization, relationship-building, advisory boards, and venture capital are explored in broad terms. The financial issues confronting entrepreneurs are explored in broad terms. Students will be required to develop a business plan.

BUS 316 COST ACCOUNTING & ANALYSIS**Three credit hours***Prerequisite: BUS 212, ECN 279*

This course surveys the accounting requirements of internal organizational management with particular attention devoted to the costs capitalized in inventory. Defines and illustrates job order costing, process costing, standard costing, direct costing, cost-volume-profit analysis, activity-based costing, budgeting, and control of decentralized operations.

BUS 321 INTERMEDIATE ACCOUNTING I**Three credit hours***Prerequisite: BUS 212*

The accounting cycle, the theory, and practice of financial statement preparation in accordance with generally accepted accounting principles are covered in this course. Topics also include long-term assets, liabilities, and stockholders' equity of the corporation.

BUS 322 INTERMEDIATE ACCOUNTING II**Three credit hours***Prerequisite: BUS 321*

This course will continue the analysis of the balance sheet and will also review the preparation of the cash flow statement. Advanced measurement and disclosure issues relating to the financial statements will also be examined.

BUS 326 LEGAL ENVIRONMENT OF ORGANIZATIONS**Three credit hours***Prerequisite: Junior standing*

Substantive private law, business associations, labor-management agreements, government regulations, and international law as they affect American business policies, practices and ethics are covered in this course.

BUS 328 BUSINESS LAW**Three credit hours***Prerequisite: BUS 326*

This course is a study of the law applicable to commercial transactions, property, debtor and creditor relationships as well as wills and trusts. It is recommended for the accounting major.

BUS 329 BUSINESS ETHICS**Three credit hours**

Business ethics provides an examination of moral problems facing organization managers with a focus on learning how to integrate ethical thinking with strategic thinking in shaping actions. Students analyze actual case problems, learning to use various ethical theories as a guide to clear thinking.

BUS 330 INTRODUCTION TO MARKETING**Three credit hours***Prerequisite: ECN 100 or 101*

Marketing involves understanding the changing wants of individuals and organizations, the development and distribution of goods and services to meet those wants, and the maintenance of satisfactory customer relationships. It includes all the activities necessary to get goods and services from the producer to the consumer. This course gives students an opportunity to participate in an analysis of marketing strategies and the evaluation and control of marketing programs.

BUS 333 ADVERTISING MANAGEMENT**Three credit hours***Prerequisite: BUS 330*

Advertising is studied as an integral part of our economic and social systems, and as a tool that has a direct impact on the manufacture, distribution, marketing and sale of tangible and intangible goods. Concepts and strategies include target markets, media selection, sales promotions,

budgeting and evaluation techniques. Through case studies, students will receive hands on experience in developing an advertising campaign. Exposure to professionals in the field is provided by tours and lectures.

BUS 334 SALESMANSHIP & SALES MANAGEMENT Three credit hours

Prerequisite: BUS 330

This course covers the practical aspects of the sales function and the job of the sales manager. Students will be given the opportunity to develop and demonstrate the skills, knowledge, attitudes and understanding necessary for the successful salesperson or sales manager.

BUS 335 RETAIL MANAGEMENT Three credit hours

Prerequisite: BUS 330

This course includes the study of retailing and retail management—management of the retail store, its environment, personnel, buying, merchandising, pricing, advertising, promotion, selling, expense control and customer service.

BUS 338 CONSUMER BEHAVIOR Three credit hours

Prerequisite: BUS 330

What makes people do what they do? What makes people buy? What makes people buy from one company rather than another? This course will look at the nature of the purchase decision process. Theories, concepts, research methods and findings are explored and examined for use in marketing management decision-making.

BUS 342 CORPORATE & ORGANIZATIONAL FINANCE Three credit hours

Prerequisite: CSC 121, MTH 136, ECN 100 OR 101, BUS 212

This course is a study of the sources and uses of funds within an organization, the returns and risks related to an organization's working capital and capital budgeting decisions.

BUS 358 BUSINESS COMMUNICATIONS Three credit hours

This course is designed to improve the student's command of the English language in typical business writing, with analysis and writing of various types of business letters and reports, including collection of data, organization of material, choice of writing style and various uses of reports in business and industry.

BUS 365 MANAGEMENT SCIENCE Three credit hours

Prerequisite: MTH 136, CSC 121, ECN 279

This course provides analysis of the various quantitative models that are available for formulating and solving accounting, finance, management and marketing problems. The student is exposed to the fundamental principles of operations research as applied to all areas of business decision-making.

BUS 407 FEDERAL INCOME TAXATION Three credit hours

Prerequisite: BUS 211

The topics of the federal income tax law, U.S. Treasury regulations, and IRS revenue rulings and court cases are covered in this course. A major emphasis of the course will be tax planning for the individual. There will be a detailed study of actual personal federal tax forms. Ethics will be stressed.

**BUS 408 FEDERAL TAXATION: CORPORATIONS, PARTNERSHIPS, Three credit
ESTATES AND TRUSTS hours**

Prerequisite: BUS 211

This course is a study of current federal tax laws applicable to corporations, partnerships, estates and trusts. Tax reporting, planning and research are an integral part of this course.

BUS 409 BEHAVIORAL THEORIES OF MANAGEMENT **Three credit hours**

Prerequisite: BUS 305

This is an experiential laboratory course that explores personal, interpersonal, group, inter-group, and organizational change as it relates to effective leadership in business and other organizations.

BUS 410 HUMAN RESOURCE MANAGEMENT **Three credit hours**

Prerequisite: BUS 305

This course provides an overview of the various functions in the field of Human Resource Management. The functions of planning, selecting, compensating, appraising, training, and development are covered. Legislation and laws pertaining to these functions as well labor relations and health and safety are examined. Overall organizational strategy is incorporated into the application of all Human Resource functions.

BUS 411 COMPENSATION **Three credit hours**

Prerequisite: BUS 305, 410, or permission of instructor

Theory and strategy behind organizational compensation practices are examined. Specifically, the behavioral aspects of compensation, the legal constraints, development of base pay systems, variable pay, executive compensation, benefits, and services are covered. Students become familiar with actual practices and application in organizations.

BUS 412 EMPLOYMENT LAW AND LABOR RELATIONS **Three credit hours**

Prerequisite: BUS 410

This course is a review of the historical foundations of Employment Law and Labor Law with a focus on current issues as reflected by recent agency and court rulings. Labor Relations includes the topics of the NLRB, unionization, collective bargaining, grievance procedures, arbitrations and mediation. This course is open to graduate students.

BUS 413 STAFFING AND DEVELOPMENT **Three credit hours**

Prerequisite: BUS 410

This course provides a strategic overview of the Human Resource Planning function. Job analysis, recruiting, selection, training, development, retention, and appraisal are covered as key topical areas with a focus on the theoretical foundations and application of current practices.

BUS 415 BUSINESS PLAN DEVELOPMENT **Three credit hours**

Prerequisite: BUS 212, 342

In this capstone course, entrepreneurship students will complete a comprehensive business plan, including a competitive analysis, industry description and outlook, sales and marketing plan and financial plan for a proposed company. Faculty and entrepreneurs will work closely with students to ensure that this project incorporates the practical issues entrepreneurs tackle in starting or growing a business. Students will meet with bankers, venture service providers and successful entrepreneurs.

BUS 416 FINANCIAL MANAGEMENT **Three credit hours**

Prerequisite: BUS 342, ECN 279

This advanced course covers selected topics in financial management such as financial analysis, forecasting, working capital management, capital budgeting, long-term financing, cost of capital and dividend policies.

BUS 417 PRINCIPLES OF AUDITING **Three credit hours**

Prerequisite: BUS 322

This course emphasizes auditing concepts and applications that enable students to understand

the philosophy and environment in public accounting ethics, auditing standards, opinions on the financial statements.

BUS 418 GOVERNMENTAL AND NONPROFIT ACCOUNTING *Three credit hours*

Prerequisite: BUS 212

This course deals with financial accounting and reporting concepts, standards, and procedures applicable to (1) state and local governments-including counties, cities, and school districts, as well as townships, villages, other special districts, and public authorities; (2) the federal government; and (3) nonprofit and governmental universities, hospitals, voluntary health and welfare organizations, and other nonprofit (or not-for-profit) organizations. Financial management and accountability considerations peculiar to government and nonprofit (G&NP) organizations are emphasized, and the distinctive aspects of auditing G&NP organizations are discussed.

BUS 420 ACCOUNTING SYSTEMS *Three credit hours*

Prerequisite: BUS 322

This course is a survey of information technology and its application to accounting issues. Students will solve problems using electronic spreadsheets, word processors, and the internet. Students will develop an understanding of the information gathering, data accumulation, and reporting requirements of various accounting software programs.

BUS 421 ADVANCED ACCOUNTING *Three credit hours*

Prerequisite: BUS 322

This course deals with special problems in accounting for business acquisitions and mergers. Students will be exposed to the different methods of accounting for investments on the books of the parent company. They will develop an understanding of the consolidation procedures that deal with the issues of noncontrolling interests, intercompany sales, intercompany debt, ownership patterns and income taxes. In addition, the related topics of business segment reporting, and foreign currency translation will be examined.

BUS 432 MARKETING RESEARCH & INFORMATION SYSTEMS *Three credit hours*

Prerequisite: BUS 330, ECN 279

The student will learn how to develop a marketing research project. An understanding of domestic and international marketing information needs and procedures will be covered. Students will be taken through the research process from purpose definition and proposal writing to final report writing and presentation. Data collection techniques will be offered to include current technologies and use of the internet.

BUS 436I INTERNATIONAL MARKETING *Three credit hours*

Prerequisite: BUS 330

This course is a study of the peculiarities of marketing products and services overseas. An overview of the economic, political, cultural and infrastructure environments; determination of market size; use of segmentation variables; review of foreign buyer behavior; collection and analysis of foreign market research; determination of best method of entry; selection of optimum marketing strategies; and integration of all variables in a comprehensive marketing plan are covered.

BUS 437 MARKETING MANAGEMENT *Three credit hours*

Prerequisite: Two upper-level marketing courses

This capstone marketing course offers an integrative approach to understanding and solving contemporary marketing management problems. The course focuses on optimizing the firm's effectiveness as it changes to meet the challenges of the domestic and international environments. The course helps students learn how to establish strategic direction in pursuit of ever-changing marketing opportunities.

BUS 441 **INTERNATIONAL FINANCIAL MANAGEMENT** **Three credit hours**

Prerequisite: BUS 342

This course is a study of foreign exchange markets, the management of foreign exchange exposure, multinational capital budgeting, international portfolio management, transfer pricing, multinational taxation, international securities, and interest rate risk management.

BUS 445 **PRINCIPLES OF INVESTMENTS** **Three credit hours**

Prerequisite: BUS 342, ECN 279

This course emphasizes techniques of security analysis, evaluation of portfolios and investment strategies including the use of derivatives.

BUS 451 **MANAGEMENT STRATEGY & POLICY** **Three credit hours**

Prerequisite: Completion of all other requirements for the business administration major.

This is the capstone course of the business major. Students learn to research and formulate top level strategic goals which enable the firm to adapt and grow with its changing environment. Students also learn how to implement strategic goals by integrating the functions learned in lower level courses. Real world case examples are used to apply the learnings.

BUS 463 **SEMINAR** **One to three credit hours**

Upper level seminars are open to juniors and seniors who have completed listed prerequisites. Seminars study advanced, current business topics and may be taken more than once for credit provided the topic or subject area is different.

BUS 470 **ACCOUNTING INTERNSHIP PROGRAM** **Credit hours to be arranged**

The Accounting Internship Program is open to junior or senior accounting students. Permission of instructor is required. Accounting Internships provide practical experience in public accounting involving employment in local accounting firms in a pre-arranged program, coordinated with the accounting faculty at Baldwin-Wallace College. See also the [Internship Program, Section II](#).

CHEMISTRY

The Department of Chemistry provides a general knowledge of chemistry and prepares students for professional work in chemistry, graduate school, or professional schools of medicine, pharmacy or engineering.

Chemistry Major

Computer Code: CHMY

Minimum credits required: 53.5 (* = Prerequisite required)

Required courses

CHM 111,112,111L,112L	General Chemistry & Labs	9 credits
CHM 221,221L	Quantitative Analysis & Lab	4 credits*
CHM 251,252,251L,252L	Organic Chemistry & Labs	9.5 credits*
CHM 463	Chemistry Seminar (4 semesters for 0.5 credit each)	2 credits*
MTH 141,142	Calculus	8 credits
PHY 131, 151L	General Physics I and Lab	5 credits
OR		
PHY 145	Workshop Physics	5 credits
Either PHY 131 along with 151L or PHY 145, but not both, may be taken for credit.		
PHY 132, 152L	General Physics II and Lab	5 credits*
OR		
PHY 146	Workshop Physics II	5 credits*
Either PHY 132 along with 152L or PHY 146, but not both, may be taken for credit.		

A minimum of 10 credits from the following courses, including either CHM 331/331L or CHM 321/321L, is required for graduation as a chemistry major. (Labs do not count as individual courses.)

CHM 311, 311L	Biochemistry and Lab	4 credits*
CHM 321, 312L	Instrumental Analysis and Lab	4 credits*
CHM 331,331L	Physical Chemistry I and Lab	4 credits*
CHM 332,332L	Physical Chemistry II and Lab	4 credits*
CHM 341,341L	Inorganic Chemistry and Lab	4 credits*
CHM 351	Organic Spectroscopy	2 credits*

A minimum of one credit from the following courses is required for graduation as a chemistry major:

CHM 411	Topics in Biochemistry	0.5, 1 or 2 credits*
CHM 421	Topics in Analytical Chemistry	0.5, 1 or 2 credits*
CHM 441	Topics in Inorganic Chemistry	0.5, 1 or 2 credits*
CHM 451	Topics in Organic Chemistry	0.5, 1 or 2 credits*

More intensive options for the major include:

1. Certification by the American Chemical Society as a professional chemist;
2. Preparation for work toward an advanced degree in chemistry.

The pattern of study is based on the recommendations outlined by the Committee on Professional Training of the American Chemical Society for the ACS certified degree. A copy outlining the various possibilities may be obtained from the department secretary.

Chemistry Minor**Minimum credits required: 22.5**

CHM 111,112,111L,112L	General Chemistry & Labs	9 credits*
CHM 221,221L	Quantitative Analysis & Lab	4 credits*
CHM 251,252,251L,252L	Organic Chemistry & Labs	9.5 credits*

Consultation with the Chemistry Department is encouraged.

Students interested in teacher certification must take the required courses in education. See Education.

Beginning Courses in Chemistry

CHM 111, 112, 111L, 112L are the regular introductory chemistry courses for those students who will need a substantial chemistry background and who have successfully completed high school chemistry. Any qualified student should take this course sequence since it is considered a prerequisite for every other course in the department.

Chemistry Course Descriptions

CHM 111**GENERAL CHEMISTRY I****Four credit hours**

Prerequisite: Three years high school mathematics or equivalent. High school chemistry is highly recommended. CHM 111 is a prerequisite for CHM 112

An introduction to chemical principles including stoichiometry, chemical reactions, thermochemistry, electronic structure of atoms and molecules, and periodic trends. CHM 111L must be taken concurrently with CHM 111 to receive credit for the coursework.

CHM 112**GENERAL CHEMISTRY II****Four credit hours**

Prerequisite: CHM 111 or the equivalent.

Continuation of CHM 111. Topics include kinetics, equilibrium, and acid-base chemistry. CHM 112L must be taken concurrently with CHM 112 to receive credit for the coursework.

CHM 111L and 112L**GENERAL CHEMISTRY
LABORATORY****One-half credit hour each**

These lab courses consist of illustrations of chemical principles, skills involving weighing and liquid measure, lab safety and hazardous waste disposal. These must be taken concurrently with CHM 111 and CHM 112, respectively. Lab: each one three-hour minimester lab per week.

CHM 200(IH)**SCIENCE****Three or four credit hours**

The study of a topic in science which may involve an interdisciplinary approach. Course content is determined by the faculty member under whose auspices the course is offered. Includes: U.S. Chemical Industry, Science and Society, Technological Revolutions, and Energy.

CHM 221**QUANTITATIVE ANALYSIS****Three credit hours**

Prerequisite: CHM 112 or permission of the instructor

An introduction to chemical analysis. The principles of statistics, stoichiometry and solution

chemistry as well as an introduction to chemical instrumentation are explored. CHM 221L must be taken concurrently to receive credit.

CHM 221L **QUANTITATIVE ANALYSIS
LABORATORY** **One credit hour**

This must be taken concurrently with CHM 221. Lab: Two three-hour minimester labs per week.

CHM 251, 252 **ORGANIC CHEMISTRY I, II** **Four credit hours**

Prerequisite: CHM 112 or permission of the instructor. Required of pre-medical students

General principles and theories for the synthesis of aliphatic, aromatic, and heterocyclic compounds. Special emphasis on functional groups and mechanisms of organic reactions. CHM 251 is a prerequisite for CHM 252. CHM 251L and CHM 252L must be taken concurrently with CHM 251 and CHM 252, respectively, to receive credit.

CHM 251L **ORGANIC CHEMISTRY I
LABORATORY** **One half credit hour**

Must be taken concurrently with CHM 251. One 3-hour minimester lab per week.

CHM 252L **ORGANIC CHEMISTRY II
LABORATORY** **One credit hour**

Must be taken concurrently with CHM 252. One three-hour lab per week.

CHM 311 **BIOCHEMISTRY** **Three credit hours**

Prerequisite: Two years of college chemistry, including CHM 252

An introduction to the chemistry of biological systems including proteins, enzymes, nucleic acids, lipids and carbohydrates. An overview of metabolic processes will be presented. CHM 331L must be taken concurrently to receive credit.

CHM 311L **BIOCHEMISTRY LABORATORY** **One credit hour**

Must be taken concurrently with CHM 311. Lab: One 3-hour lab per week

CHM 321 **INSTRUMENTAL ANALYSIS** **Three credit hours**

Prerequisite: Two years of college chemistry, including CHM 221

A survey of analytical techniques using instrumental methods of analysis. CHM 321L must be taken concurrently to receive credit.

CHM 321L **INSTRUMENTAL ANALYSIS
LABORATORY** **One credit hour**

Lab: One 2-hour lab per week

CHM 331, 332 **PHYSICAL CHEMISTRY** **Three credit hours each**

Prerequisite: Two years of college chemistry, two semester of calculus, CHM 221/221L or permission of the instructor

Systematic study of thermodynamics, statistical mechanics, dynamics, quantum mechanics and spectroscopy as applied to chemical systems. CHM 331L, 332L must be taken concurrently to receive credit.

CHM 331L, 332L **PHYSICAL CHEMISTRY
LABORATORY** **One credit hour each**

CHM 331L and CHM 332L must be taken concurrently with CHM 331 and CHM 332 respectively to receive credit. Lab: One 3 hour lab in alternating weeks

CHM 341 **INORGANIC CHEMISTRY** **Three credit hours**

Prerequisite: Two years of college chemistry

A discussion of ionically bonded compounds, covalently bonded molecules and metal complexes. Some specific topics that are examined include crystal field theory, inorganic mechanisms, acid-base theories and trends in redox reactions.

CHM 341L	INORGANIC CHEMISTRY LABORATORY	One credit hour
CHM 341L must be taken concurrently with CHM 341 for credit. Lab: One 3-hour lab per week.		
CHM 351	ORGANIC SPECTROSCOPY	Two credit hours
<i>Prerequisite: CHM 252</i>		
A lecture/laboratory course covering spectroscopic techniques used in identifying organic molecules including UV and IR spectroscopy and NMR and mass spectrometry.		
CHM 403	LABORATORY PROJECTS	One half or one credit hour
<i>Prerequisite: Two years of college chemistry</i>		
Projects in analytical, inorganic, organic, physical chemistry or biochemistry are investigated with guidance of one of the professors in each field. An introduction to research techniques.		
CHM 411	TOPICS IN BIOCHEMISTRY	One half to two credit hours
<i>Prerequisite: CHM 311 or permission of the instructor</i>		
CHM 421	TOPICS IN ANALYTICAL CHEMISTRY	One-half to two credit hours
<i>Prerequisite: CHM 321 or permission of the instructor</i>		
Advanced topics in analytical chemistry.		
CHM 441	TOPICS IN INORGANIC CHEMISTRY	One-half to two credit hours
<i>Prerequisite: CHM 341 or permission of the instructor</i>		
Advanced topics in inorganic chemistry, including organometallics.		
CHM 451	TOPICS IN ORGANIC CHEMISTRY	One-half to two credit hours
<i>Prerequisite: CHM 252 or permission of the instructor</i>		
Advanced topics in organic chemistry.		
CHM 463	CHEMISTRY SEMINAR	One-half credit hour each
<i>Prerequisite: Junior standing and four courses in chemistry</i>		
Reports and discussions of recent work in inorganic, organic, analytical and physical chemistry. Four semesters required of juniors and seniors majoring in chemistry. Three of the seminar semesters are graded pass/fail. During the senior year a student is required to give an oral presentation which is equivalent to a comprehensive examination and is the student's grade for that semester.		
CHM 491, 492	DEPARTMENTAL THESIS/PROJECT	Credit hours to be arranged
See Departmental Thesis/Project, Section II .		

COLLEGE

Course Descriptions

COL 070 INTERNSHIP

Credits to be arranged

Internship proposals appropriate to a COL-prefix must be approved by the chairperson of the College Course Committee. For other details, see [Internship Program, Section II](#).

COL 020 REFRESHER ALGEBRA

Two credit hours

This is a combination of COL 021 & COL 022. It uses an on-line program to assess the student's knowledge and lead them at their own pace to a thorough understanding of the topics normally found in high school Algebra. The course may be repeated until the student can pass the placement test required for MTH courses. Credits are not applicable toward the minimum credit requirement for graduation. The course is graded S/U.

COL 101 FRESHMAN EXPERIENCE

Two credit hours

This course is designed to assist freshmen in making a successful transition to college life. Working closely with the instructor, students will establish appropriate personal goals, enhance their academic skills and gain knowledge of campus resources.

COL 111 INTRODUCTION TO LIBRARY RESEARCH

One credit hours

An introduction to library research skills and strategies using Ritter Library as the research venue. Students will be introduced not only to traditional print resources, both serial and monographic, but also to internet-based databases, electronic full-text resources and web search engines. Each student will select a research topic which will be the basis for an in-depth analysis of available resources on that topic. By the conclusion of the course, the student should be a proficient user of both the traditional print library and the modern digital library. The course is graded S/U.

COL 115 CAREER DECISION-MAKING

One credit hours

Would you like to discover your true career path? Would you like to identify your natural skills and talents? If yes, College 115 is for you. This course leads students through three phases of the career development process: getting to know yourself, career exploration (learning more about your academic and career options), and career decision-making (crafting a plan to reach your career goals). Students will also be introduced to professional skills such as resume and cover letter writing, interviewing and networking. The course is graded S/U.

COL 123 APPLIED LEARNING SKILLS

One to two credit hours

There are three Applied Learning Skills courses:

(1) COL 123-A01, A02, B01 etc.

This is a one-credit hour Study Skills course open to anyone who would like to learn skills that empower students to become active, confident, independent, and successful college learners. Strategies such as managing time, marking texts, taking and using good notes, and preparing for and taking tests are emphasized. This class is graded S/U.

(2) COL 123-S01, Applied Learning Skills- EXCEL

This is a two-credit hour semester long course designed to help selected first-year students acquire and develop skills necessary for college success- study strategies, critical thinking and reading, writing, listening, and speaking. Permission from the instructor is required to take this S/U class.

(3) COL 123-S02, ASSIST

The ASSIST class is a one-credit hour course offered to students as an alternative to academic suspension. The focus of this course is to help students (1) assess self-management, motivation and personal learning styles, (2) investigate and adopt college-level study strategies and techniques, (3) become aware of and use campus resources to help establish the connection between college and career, and (4) develop attitude, behaviors, routines, and methods to organize life and become successful students. Permission of the instructor is required to take this S/U class.

COL 162 PRINCIPLES OF ADULT LEARNING

Two credit hours

This two credit-hour seminar is the foundation for adults enrolled in the Evening & Weekend College at Baldwin-Wallace. It may be used towards degree completion as a free elective and is designed to help new and returning students make the transition to the academic world. This seminar stresses critical reading, active discussion, and reflective writing. Readings are drawn from the fields of education, philosophy, literature, psychology, and the social and natural sciences.

COL 163 PRIOR LEARNING ASSESSMENT

Two credit hours

Baldwin-Wallace College is committed to the concept of recognizing the legitimacy of college-level learning which has taken place outside the traditional classroom setting and is prepared to grant credit for this kind of learning where it relates to the college curriculum. This course is designed to assist individuals in exploring their past learning experiences and in planning future educational goals. Students learn how to prepare a portfolio of credit requests based on the learning outcomes of life experience which are truly college level and relevant to B-W courses. The two credits awarded for this course apply regardless of the amount of credit, if any, that is subsequently approved by a faculty assessment committee. The course is graded S/U.

COL 228 LEADERSHIP EDUCATION AND DEVELOPMENT ***Two credit hours***

This course centers on the theoretical foundations of student development and personal growth, and serves as a preparatory course for leadership. It helps student leaders in their personal growth and aids them in becoming positive influences in the Baldwin-Wallace community. The course focuses on understanding the role of higher education, developing interpersonal and group skills, and integrating developmental and human relations theories with practical situations. It is a prerequisite for Resident Assistant and selected Course Assistant positions. The course is graded S/U.

COMMUNICATION

Broadcasting & Mass Communication Major **Computer Code: CBMC**

This major blends the theory, skills, and strategies essential in the production and understanding of mass media. Students will combine academic coursework with "on-air" experience. Student who complete this major are expected to be proficient in the skills required for success in broadcasting and the knowledge required to be responsible broadcasters.

Minimum credits required: 50 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

BMC	070	Internship	3 credits
BMC	107F	Film and Culture	3 credits
BMC	126	Introduction to Mass Communication	3 credits

Three credits from any combination of the following practicum courses:

BMC	161	Disc Jockey Training	1 credits
BMC	162	DJ Format Shift	2 credits*
BMC	163	Participation in WBWC	1–2 credits
BMC	164	Participation in BW-TV	1–2 credits
BMC	226	Writing for the Media	3 credits*
BMC	227	Audio for Media	3 credits
BMC	326	Radio & TV Announcing	3 credits*
BMC	327	Television Production & Direction	3 credits*
BMC	377	Mass Communication Theory	3 credits*
BMC	426	Broadcast Programming	3 credits*
BMC	427	Broadcast Management, Marketing & Sales	3 credits*
BMC	428	Broadcast Law & Ethics	3 credits*
BMC	475F	Film Production & Direction	3 credits*
BMC	476	Capstone	2 credits
CST	207	Group Communication and Leadership	3 credits

Requirements in other departments include ENG 232 and BUS 333 (Prerequisites Required).

There is no minor program in Broadcasting and Mass Communication but a minor has been proposed for Fall 2005.

Communication Studies Major

Computer Code: CCST

The major in Communication Studies is designed to provide the student with the opportunity to develop applied communication skills within a framework of communication theory.

Minimum credits required: 44 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

CST 070	Internship	2 credits
CST 102	Interpersonal Communication	3 credits
CST 106	Introduction to Human Communication	3 credits
CST 112	Public Speaking	3 credits
CST 203	Family Communication	3 credits
CST 206	Business & Professional Speaking	3 credits*
CST 207	Group Communication & Leadership	3 credits*
CST 307	Nonverbal Communication	3 credits*
CST 312	Introduction to Communication Research Methods	3 credits*
CST 313	Organizational Communication	3 credits*
CST 324D	Studies in Communication	3 credits*
CST 410	Persuasive Campaigns	3 credits*
CST 412	Advanced Communication Research Methods	3 credits*
CST 413	Human Communication Theory	3 credits*
CST 476	Capstone	3 credits*

Communication Studies Minor

The minor in Communication Studies includes CST 102, 106, 207, 313, 324D and 410.

Total credits required: 18.

Communication Disorders Major

Computer Code: CCDC

The Communication Disorders major, a pre-professional program, offers students experience in working with people who have communication problems. In addition, the course work prepares students for entrance into graduate programs in Speech-Language Pathology and Audiology, or a career in an allied field.

Minimum credits required: 51 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

CDC 105	Intro to Communication Disorders	3 credits
CDC 134	Sign Language I	3 credits
CDC 220	Speech and Language Development	3 credits*
CDC 225	Phonetics and Phonology	3 credits*
CDC 235	Clinical Management and Standards	1 credits*

CDC 321	Anatomy & Physiology of Speech & Hearing Mechanisms	3 credits*
CDC 335	Clinical Practice	3 credits*
CDC 340	Language Disorders	3 credits*
CDC 341	Speech Disorders	3 credits*
CDC 420	Audiology	3 credits*
CDC 440	Research Methods in Communication Disorders	3 credits*
CDC 476	Capstone	2 credits
PSY 110	Principles of Psychology	4 credits
PSY 205	Developmental Psychology	3 credits
PSY 279	Elements of Statistics	4 credits
ENG 210	Introduction to the Study of Language	3 credits
PHY 101	Acoustics	4 credits

Communication Disorders Minor

The minor in Communication Disorders includes CDC 105, CDC 220 and 11 additional credits from Communication Disorders (CDC prefix courses). Total credits required: 17.

Public Relations Major

Computer Code: CPBR

Minimum credits required: 41 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

CST 106	Introduction to Human Communication	3 credits
CST 120	Strategies in Public Relations	3 credits
CST 230	Practicum in Public Relations	1-3 credits*
CST 313	Organizational Communication	3 credits*
CST 410	Persuasive Campaigns	3 credits*
CST 415	Studies in Public Relations	3 credits*
CST 420	Capstone in Public Relations	3 credits
ENG 131	Workshop in Argument & Exposition	3 credits*
ENG 132	Workshop in Journalism	3 credits*
ENG 305	Advanced Expository & Argumentative Writing OR	3 credits*
ENG 306	Advanced Journalism	3 credits*
BUS 305	Introduction to Management	4 credits*
BUS 330	Introduction to Marketing	3 credits*
Complete one of the following:		
BUS 211	Principles of Accounting I	4 credits*
BUS 329	Business Ethics	3 credits
BUS 358	Business Communication	3 credits
BUS 409	Behavioral Theories of Management	4 credits
BUS 410	Human Resources Management	3 credits

Public Relations Minor

A total of 25 credits are required for the Public Relations minor, courses include:

Required Courses

CST	106	Intro to Human Communication	3 credits
CST	410	Persuasion	3 credits*
CST	415	Studies in Public Relations	3 credits*
CST	420	Capstone in Public Relations	3 credits*
ENG	131	Workshop in Exposition & Argument	3 credits*
ENG	132	Workshop in Journalism	3 credits*

Take 7 credits from the following list of courses:

BUS	305	Introduction to Management	4 credits*
BUS	330	Introduction to Marketing	3 credits*
BUS	333	Advertising Management	4 credits*
BUS	358	Business Communications	3 credits
BUS	409	Behavioral Theories of Management	4 credits*
BUS	410	Human Resource Management	3 credits*
BUS	436I	International Marketing	4 credits*

Film Studies Major

Computer Code: CFLM

Minimum credits required: 55 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

BMC	107F	Film and Culture	3 credits
BMC	164	Participation in BW-TV	3 credits
BMC	220F	Film History	3 credits
BMC	227	Audio for Media	3 credits
BMC	228F	Lighting for Film	3 credits*
BMC	324F	Film Genres	3 credits*
BMC	327	Television Production & Direction	3 credits*
BMC	424F	Film Makers	3 credits*
BMC	461	Screenwriting	3 credits*
BMC	475F	Film Production & Direction	3 credits*
BMC	476	Capstone	2 credits*
CST	207	Group Communication and Leadership	3 credits*
ART	115F	Two-Dimensional Design	2 credits
ART	117F	Color Theory	2 credits
ART	222F	Introduction to Photography	2 credits
ART	225F	Two-Dimensional Computer Imaging	2 credits
ART	226F	Three-Dimensional Computer Imaging	2 credits*

ART	323F	Advanced Photography	2 credits*
ART	432IF	Twentieth Century Art	3 credits
MUL	172IF	Music Appreciation	3 credits
MUL	417	Electronic Music	2 credits

There is no minor in Film Studies. A Film Studies minor has been proposed for Fall 2005.

Communications Course Descriptions

Broadcasting & Mass Communication

BMC 050(I) INDEPENDENT STUDY *Credit hours to be arranged*

See [Independent Study Program, Section II.](#)

BMC 070 INTERNSHIP *Credit hours to be arranged*

Required of all broadcasting majors.

Practical experience in any area of broadcasting. See [Field Experience/Internship, Section II.](#)

BMC 107F FILM AND CULTURE *Three credit hours*

An analysis of television and the motion picture as an art form and a medium of cultural communication from their beginnings to the present day. A variety of examples showing significant artistic development will be viewed and discussed in order to establish criteria for evaluating and setting of standards for these two media.

BMC 126 INTRODUCTION TO MASS COMMUNICATION *Three credit hours*

Required of all broadcasting majors.

An introduction to mass communication from Gutenberg to the Internet. Subjects to be covered are history, development, functions, philosophy, media interrelationships, and their social and commercial basis.

BMC 161 DISC JOCKEY TRAINING *One credit hour*

Registration with instructor's approval only.

This experiential learning opportunity includes broadcast training at WBWC. At the successful completion of the class, students may earn their FCC Radio Operators License for an additional fee.

BMC 162 DJ FORMAT SHIFT *Two credit hours*

Prerequisite: BMC 161 and registration with instructor's approval.

This experiential learning opportunity includes one semester as a staff disc jockey at WBWC.

BMC 163 PARTICIPATION IN WBWC *One or two credit hours*

Prerequisite: Registration with instructor's approval only.

Students may work at WBWC for credit by working in the music department, in broadcasting news, or in other station activities as approved by the station management and the instructor. This course is graded.

BMC 164 PARTICIPATION IN BW-TV *One or two credit hours*

Prerequisite: Registration with instructor's approval only.

Students may work at BW-TV for credit by working as photographers, reporters, directors, producers, etc. as approved by the station management and the instructor. This course is graded

BMC 220F FILM HISTORY Three credit hours

Prerequisite: BMC 107F, or registration with instructor's approval only.

A study of the history of cinema from its beginnings to the present day. Topics will include the business, politics, and development of film as an art form. Representative films will be shown in class.

BMC 226 WRITING FOR THE MEDIA Three credit hours

Prerequisite: BMC 126 or instructor's approval.

A study of the principles of writing news and information for radio, TV, and the Internet. News articles and events are analyzed and practice in news writing is stressed. Attention also is given to story development, research, interviewing, and follow-up.

BMC 227 AUDIO FOR MEDIA Three credit hours

The study of audio production principles and practices for a variety of venues. Complex and multileveled production board operations will be combined with computer applications. The course focuses on directing, producing, editing, and critical evaluation of programming elements and styles.

BMC 228F LIGHTING FOR FILM Three credit hours

Prerequisite: BMC 107F, or registration with instructor's approval only.

A lighting design course specifically designed to introduce the student to the equipment and techniques of grips and gaffers. Composition, color theory, and qualities of light will be discussed how they relate to the photography (still, motion, digital, and chemical).

BMC 263F SEMINAR Two to four credit hours

Prerequisite: BMC 226

This seminar studies current topics of concern in broadcasting and mass communication. May be repeated more than once, provided the subject or topic is different.

BMC 324F FILM GENRES Three credit hours

Prerequisite: BMC 107F or registration with instructor's approval only

An examination of various genres in film that contribute to the greater appreciation of film as an art form. Each term the course is offered, one of the major cycles of motion picture production will be highlighted including international films, musicals, horror, war, westerns, etc. Several full-length films illustrating historically important phases of that film form will be shown in the laboratory period. Course may be repeated as genre changes.

BMC 326 RADIO & TV ANNOUNCING Three credit hours

Prerequisite: BMC 226

A study of the principles of radio and TV announcing. Individual practice in voice production for radio and TV is stressed. Venues for radio and television announcing are examined.

**BMC 327 TELEVISION PRODUCTION AND Three credit hours
DIRECTION**

Prerequisite: BMC 227

The exploration of elementary video production principles, practices, and operations. Emphasis is placed on laboratory elements of scripting, lighting, audio, camera, switching, editing, character generator, and chromakey. Practical experience in producing video projects. Offered in alternate years.

**BMC 377 MASS COMMUNICATION Three credit hours
THEORY**

Prerequisite: BMC 126 and Junior or Senior status

This course is an overview of the disciplinary traditions and research interests of mass communication theory. In it we will investigate the techniques and values of mass communication research and contemporary mass media. Our resources will include, but not be limited to, authors such as John Fiske, Denis McQuail, and Marshall McLuhan.

BMC 424F FILM MAKERS Three credit hours

Prerequisite: BMC 107F, or registration with instructor's approval only

This course will examine the creative contributions of various filmmakers. The filmmaker's personal vision, time in history and artistic sensibilities will be examined through the context of his or her work. The Auteur Theory, history, and criticism will be emphasized as well as the literature and practical techniques of criticism. Course may be repeated as the filmmaker changes.

BMC 426 BROADCAST PROGRAMMING Three credit hours

Prerequisite: BMC 126 and Junior or Senior status

This course examines current television and radio programming principles, practices and strategies including examination of multidimensional and bimodal appeals, scheduling tactics and rationales, and program evaluation and restraints. New trends and developments in the industry also are given attention. Offered in alternate years.

**BMC 427 BROADCAST MANAGEMENT, Three credit hours
MARKETING AND SALES**

Prerequisite: BMC 126 and Junior or Senior status

A study of the business of broadcasting including an analysis of principles, processes, and operations in the organizational environment. Emphasis is given to the role of management, the profit factors, the evaluation of proposal-making and marketing data, and the imperative relationship of marketing to sales. Offered in alternate years.

BMC 428 BROADCAST LAW AND ETHICS Three credit hours

Prerequisite: BMC 126 and Junior or Senior status

An exploration of broadcast regulations, law, and ethics with emphasis given to their evolution and their impact on broadcasting and society over time. Current issues including First Amendment law, libel, slander, obscenity, copyright, etc. are also analyzed. Offered in alternate years.

BMC 461F SCREENWRITING Three credit hours

Prerequisites: BMC 107F and Junior or Senior status, or registration with instructor's approval only

This course covers the most critical elements of screenwriting. Among them are development of plots and subplots through the inciting incident, backstory, turning points, image systems, beats and scenes units, and set-ups and pay-offs. This course will also examine the mechanics of the teleplay, a more restricted form of screenplay.

BMC 463 SEMINAR Two to four credit hours

Prerequisite: BMC 126 or with instructor's approval

An advanced current topic in broadcasting. May be repeated, provided that the topic is different.

BMC 475F FILM PRODUCTION AND DIRECTION Three credit hours

Prerequisites: BMC 226, 227, 327 or 461F or instructor's approval

Film aesthetics and practices will utilize Digital Video Technologies. Topics will include image acquisition, image manipulation, image composition and non-linear editing.

BMC 476 CAPSTONE Two credit hours

Junior/Senior status only

To demonstrate their expertise and experience, Broadcasting students must prepare a resume and portfolio of their media experiences, including a "demo reel." In addition, students must write, research, plan and record a special project (program or production) to demonstrate their proficiencies. The Capstone coordinator must approve topics for projects.

Communication Studies

CST 050I INDEPENDENT STUDY *Credit hours to be arranged*
See [Independent Study Program, Section II.](#)

CST 070 INTERNSHIP *Two credit hours*
Can consist of practical and/or clinical experience in any area of communications.
See [Field Experience/Internship, Section II.](#)

CST 102 INTERPERSONAL COMMUNICATION *Three credit hours*
An introduction to one-on-one communication which emphasizes the initiating, maintenance, and dissolution of relationships. The concepts of people perception beginning with the “self” are studied in terms of verbal and nonverbal cues, gender, and multicultural variables. Listening, conflict management, and self-presentation are included.

CST 106 INTRODUCTION TO HUMAN COMMUNICATION *Three credit hours*
This course may be taken concurrently with CST 112
Introduction to the human communication process with emphasis on the principles, variables, and social contexts of communication. A primary goal of this course is to provide an introduction to the field of Communication Studies. Topics covered in the course include interpersonal, group, nonverbal, intercultural, organizational, persuasive, and mass communication.

CST 112 PUBLIC SPEAKING *Three credit hours*
This course may be taken concurrently with CST 106
A practical general course introducing the elements of speaking in public. Emphasis on ethics in public speaking, controlling nervousness, the importance of listening, audience analysis, speech purposes, selecting and researching topics, speech organization, language for oral style, delivery techniques including nonverbal communication skills, and use of basic support visuals. Student assignments will move from simple to relatively complex presentations.

CST 120 STRATEGIES IN PUBLIC RELATIONS *Three credit hours*
This course shall focus on public relations from a value driven perspective. Students will learn the fundamentals of public relations. A focus will be given to how public relation strategies can be employed to support philanthropies and other forms of community involvement. The difference between ethical and unethical public relations is detailed.

CST 203 FAMILY COMMUNICATION *Three credit hours*
This course examines the following family interaction pattern: parent/child communication, sibling dynamics, marital communication, and interaction dynamics with extended family members. Cultural, ideological, and economical factors influencing families are also examined.

CST 206 BUSINESS & PROFESSIONAL SPEAKING *Three credit hours*
Prerequisite CST 112
A course designed to develop skill in the preparation and delivery of professional public speeches. Critical analyses, video sessions and conferences will be used to develop critical thinking and analytical skills. Emphasis will be placed on emerging technology used in public presentations.

CST 207 GROUP COMMUNICATION AND LEADERSHIP *Three credit hours*
Prerequisite CST 112
A practical course with emphasis on discussion techniques and leadership actions in the group setting. How to lead, facilitate, and participate in group meetings. Emphasis on choosing and using meeting procedures for achieving group goals, group decision making and problem solving, managing conflicts in meetings, special techniques in meetings, and the development of strategies for productive meetings.

CST 230 PRACTICUM IN PUBLIC RELATIONS *One to three credit hours*
Prerequisite CST 120 or consent of instructor
Students will work on actual public relations campaigns that benefit the community. Each campaign must be approved and supervised by an instructor. This course can be repeated.

CST 263 SEMINAR

Two to four credit hours

The study of current topics of concern within the communication area. May be repeated more than once provided the subject or topic is different.

CST 285D INTRO TO INTERCULTURAL COMMUNICATION

Three credit hours

This course will analyze difficulties in communicating across cultural boundaries, misunderstandings arising from cultural differences, and techniques for living and working successfully in a multicultural setting. The course utilizes films, simulation games and other experiential learning techniques. Appropriate for any student interested in being a genuine citizen of the world.

CST 307 NONVERBAL COMMUNICATION

Three credit hours

Prerequisite CST 106 or consent of the instructor

A course tailored to engage students in learning how nonverbal processes related to facial, eye, artifactual, spatial, tactile, paralinguistic and temporal communication influence human interaction.

CST 312 INTRO TO COMMUNICATION RESEARCH METHODS

Three credit hours

Prerequisite CST 106 and Junior or Senior status

The primary objective of this course is to introduce the student to the analysis and evaluation of communication research, applying this knowledge to the development of professional writing and performance skills. Techniques of argumentation including development of propositions, use of evidence and ethical considerations will be a main focus. Students will design and carry out a pilot study.

CST 313 ORGANIZATIONAL COMMUNICATION

Three credit hours

Prerequisite CST 106 or consent of the instructor

This course examines how oral communication is exchanged among corporate member and the extent to which such interaction influences managerial/subordinate relationships. The learning environment entails discussing case study readings, conducting exercises, and completing a project.

CST 324(D) STUDIES IN COMMUNICATION

Three credit hours

Prerequisite CST 106 or consent of the instructor. Course may be repeated as the topic changes.

This course examines current topics of concern within the communication area. Topic offerings to include health communication, communication and aging, listening, conflict communication, communication education, black rhetoric, political communication, legal communication, or gender communication.

CST 410 PERSUASIVE CAMPAIGNS

Three credit hours

Prerequisite CST 106

This course covers the fundamentals of public relations. Students will learn how to produce press releases, home pages, brochures, and other communication tools. Students will create and implement a persuasive campaign relying on theories and strategies learned in the course.

CST 412 ADVANCED COMMUNICATION RESEARCH METHODS

Three credit hours

Prerequisites CST 312, Junior standing, can be taken concurrently with CST 476

The course focuses on the completion of student research projects proposed in CST-312 using established procedures and/or designs. Students are exposed to qualitative and quantitative approaches. The student will gain hands-on research experience, analytical skills, scientific writing abilities, and oral presentation skills. Completion of an investigation utilizing the APA (American Psychological Association) writing format and the use of SAS or SPSS will be required.

CST 413 HUMAN COMMUNICATION THEORY Three credit hours

Prerequisites: Junior or Senior standing

A course designed to familiarize students with prominent communication theories. Students will think critically about theoretical issues and discover how communication theories pertain to their lives.

CST 415 STUDIES IN PUBLIC REATIONS Three credit hours

Prerequisite: Junior standing

Current topics within the PR area will be studied including research, case studies, writing, or other specified areas of public relations. Course may be taken more than once provided the subject or topic is different.

CST 420 CAPSTONE IN PUBLIC RELATIONS Three credit hours

Prerequisite: CST 410, CST 415

Students enrolled in this course will learn the public relations writing techniques and formats necessary for the profession. This portfolio will include press releases for print, radio and television, media kits, backgrounders, advertising copy, and other public relations writing.

CST 463 SEMINAR Two to four credit hours

An advanced current topic in communication. May be repeated, provided that the topic is different.

CST 476 CAPSTONE Three credit hours

Prerequisites Senior standing, can be taken concurrently with CST 412. Course must be repeated if grade is below C

Majors enrolled in this course will learn the technology needed to conduct a Web-based portfolio that documents their learning experiences. This portfolio will include a resume, recommendation letters, samples of speaking presentations, communication-related papers, projects, and documentation of experiential learning.

Communications Disorders

CDC 050(I) INDEPENDENT STUDY Credit hours to be arranged

See [Independent Study Program, Section II](#).

CDC 105 INTRODUCTION TO COMMUNICATION DISORDERS Three credit hours

An introduction to disorders in the areas of speech, language and hearing. Includes an overview of normal speech, language and hearing development and explanations of causes, characteristics, remediation and prognosis of a wide variety of communication disorders.

CDC 134 SIGN LANGUAGE I Three credit hours

An introduction to the acquisition and development of fundamental expressive and receptive skills in manual communication. Special emphasis is placed on basic positions, movements and rhythmic aspects of encoding and decoding the language of signs and the American Manual alphabet. A cultural perspective of deafness will be stressed.

CDC 220 SPEECH AND LANGUAGE DEVELOPMENT Three credit hours

Prerequisite: CDC 105, or consent of the instructor

Speech and language acquisition theory and stages from birth through adolescence. A variety of methods for analyzing syntax, semantics, pragmatics, morphology and phonology across the stages of development are discussed. Contributions of biological, social, cognitive and environmental factors on the process of language development are discussed. Information on language variation in multicultural populations is presented.

CDC 225 PHONETICS AND PHONOLOGY *Three credit hours*

Prerequisite: CDC 105, or consent of the instructor

A theoretical and applied study of the production of speech sounds based on the International Phonetic Alphabet. Standard American dialect is emphasized through practice in broad and narrow phonetic transcription techniques on both normal and disordered speech samples. Phonological theories are examined and applied to normal and disordered speech samples.

CDC 235 CLINICAL MANAGEMENT AND STANDARDS *One credit hour*

Prerequisite: CDC 105 and CDC 220

An introduction to careers in speech-language pathology and audiology. Focusing on the basic skills needed for the management of a clinical caseload (i.e., writing long and short term goals, writing lesson plans, choose appropriate therapy materials, behavior management techniques, charting progress, writing progress reports, etc.). A brief review of diagnostic procedures is discussed. In addition, the student will have an understanding of the American Speech-Language and Hearing Association Code of Ethics. Finally, students will be required to have completed their 25 observational hours by the end of this class.

CDC 263 SEMINAR IN COMMUNICATION DISORDERS *Two to four credit hours*

The study of current topics of concern within the communication disorders area. May be repeated more than once provided the subject or topic is different. This is an elective course.

CDC 321 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING MECHANISMS *Three credit hours*

Prerequisite: CDC 105 and CDC 220

The anatomy and physiology of normal speech production and of the hearing mechanism. Including the study of the nervous system, ear, laryngeal, respiratory and orofacial processes.

CDC 334 AMERICAN SIGN LANGUAGE (AMESLAN) *Three credit hours*

Prerequisite: CDC 134

A study of sign language and fingerspelling with emphasis on receptive and expressive message clarity, comprehension of AMESLAN syntax and semantics, and facility in encoding and decoding. Some attention is given to the idiomatic aspects of sign language as used by the deaf population (1400-1500 signs).

CDC 335 CLINICAL PRACTICE *One to three credit hours*

Prerequisite: CDC 105, 220, and 235

Students are enrolled in clinical practice for a minimum of three semesters for one credit each semester. Students gain practical application of therapeutic knowledge and techniques in the Baldwin-Wallace Speech Clinic. Students are assigned clinic patients and work on obtaining ASHA clinical hours. Students are required to write and execute daily lesson plans, and write end-of-semester progress reports.

CDC 340 LANGUAGE DISORDERS *Three credit hours*

Prerequisite: CDC 105 and 220

The nature and characteristics of language disorders in children and adults are discussed. Including the assessment and treatment of disorders of syntax, semantics, morphology and pragmatics in all populations of language disordered children and adults.

CDC 341 SPEECH DISORDERS *Three credit hours*

Prerequisite: CDC 105 and 220

The nature and characteristics of speech disorders in children and adults are discussed, including the assessment and treatment of disorders in voice, articulation, and fluency/stuttering.

CDC 420 AUDIOLOGY *Three credit hours*

Prerequisite: CDC 105 and 220

A study of audiology, instrumentation, diagnosis, hearing disorders and basic rehabilitation procedures for hearing impaired populations.

CDC 440 RESEARCH METHODS IN COMMUNICATION *Three credit hours*
DISORDERS

Prerequisite: CDC 105 and 220

This course provides an overview of research methodology, design considerations, and the formulation of testable research questions that are central to the study of communication disorders. Ethical issues involved in communication disorders research will also be discussed.

CDC 463 SEMINAR IN COMMUNICATION DISORDERS *Two to four credit hours*

The advanced study of current topics of concern within the communication disorders area. May be repeated more than once provided the subject or topic is different. This is an elective course.

CDC 476 CAPSTONE *Two credit hours*

Prerequisite: Senior status

Students enrolled in this course will complete a portfolio, in which they are to document their learning, both in and out of the classroom, during their college years. Course must be repeated if grade is below a C.

COMPUTER SCIENCE

The Department of Computer Science offers two majors. The **Computer Science major** (with concentrations in Computer Science and Web Application Engineer) prepares graduates to enter positions as software specialists in industry or commerce, or to enter graduate programs in computer science, operations research or computers in management. The **Computer Information Systems major** (with concentrations in Information Systems Analyst and Network Analyst) is designed to prepare graduates for positions in information processing as programmer analysts and systems designers. Many graduates secure positions in software, hardware and/or network support.

Computer Information Systems Major Information Systems Analyst Concentration

Computer Code: CISA

Minimum credits required: 30 in Computer Science, 7 in Mathematics, 10 in Business Administration, and 3 in Communication Studies (plus prerequisites as indicated)
(* = Prerequisite Required)

Required Communication Studies Course: 3 credits

CST	112	Public Speaking	3 credits
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Required Mathematics Courses: 7 credits (plus prerequisites as indicated)

MTH	135	Intro to Probability and Statistics	3 credits*
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MTH	161	Discrete Mathematics I	4 credits*
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Required Business courses: 10 credits (plus prerequisites as indicated)

BUS	211	Principles of Accounting I	4 credits*
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BUS	358	Business Communications	3 credits*
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BUS	208	Introduction to Business OR	3 credits*
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BUS	305	Introduction to Management	3 credits*
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Required Computer Science: 30 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
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CSC	215	Digital Topics	2 credits*
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CSC	220	Fundamentals of Distributed Systems	2 credits*
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CSC	225	Information Systems I	4 credits*
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CSC	270	Telecommunications	3 credits*
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CSC	280	Introduction to Database	3 credits*
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CSC	360	Project Management	3 credits*
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CSC	380	Advanced Database	3 credits*
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CSC	460	System Analysis and Design	4 credits*
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CSC	470	Senior Internship OR	3 credits*
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CSC	471	Senior Project	3 credits*
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Computer Information Systems Major Network Analyst Concentration

Computer Code: CINA

Minimum credits required: 35 in Computer Science, 7 in Mathematics, 3 in Business Administration, and 3 in Communication Studies (plus prerequisites as indicated)
(* = Prerequisite Required)

Required Communication Studies Course: 3 credits

CST	112	Public Speaking	3 credits
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Required Mathematics Courses: 7 credits (plus prerequisites as indicated)

MTH	135	Intro to Probability and Statistics	3 credits*
MTH	161	Discrete Mathematics I	4 credits*

Required Business courses: 3 credits (plus prerequisites as indicated)

BUS	358	Business Communications	3 credits*
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Required Computer Science: 35 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	225	Information Systems I	4 credits*
CSC	270	Telecommunications	3 credits*
CSC	290	Building Local Area Networks	3 credits*
CSC	360	Project Management	3 credits*
CSC	370	Info Systems Security, Privacy, & Ethics	3 credits*
CSC	410	Advanced Local Area Networks	3 credits*
CSC	411	Network Administration	3 credits*
CSC	470	Senior Internship OR	3 credits*
CSC	471	Senior Project	3 credits*

Computer Information Systems Minor

Computer Science Requirements: 17 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	225	Information Systems I	4 credits*
CSC	270	Telecommunications	3 credits*

Computer Science Major Computer Science Concentration

Computer Code: CSCI

Minimum credits required: 34 of Computer Science courses and in Mathematics (plus prerequisites as indicated) (* = Prerequisite Required)

Required Mathematics Courses: 18 credits (plus prerequisites as indicated)

MTH	161	Discrete Mathematics I	4 credits*
MTH	262	Discrete Mathematics II	3 credits*
MTH	141	Calculus I	4 credits*
MTH	142	Calculus II	4 credits*
		One MTH course numbered above 201	3 or more credits

Required Computer Science : 34 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	241	Object Orientation and Linear Structures	3 credits*
CSC	242	Non-Linear Data Structures	3 credits*
CSC	320	Computer Architecture & Hardware	3 credits*
CSC	400	Operating Systems	3 credits*
CSC	420	Formal Languages & Automata	3 credits*
CSC	430	Algorithms	3 credits*
CSC	470	Internship OR	3 credits*
CSC	471	Senior Project	3 credits*

Take at least 6 elective credits from:

CSC	280	Intro to Database Management Systems	3 credits*
CSC	330	Web Programming I	3 credits*
CSC	370	Info Systems Security, Privacy & Ethics	3 credits*
CSC	460	Systems Analysis & Design	4 credits*

Computer Science majors are required to earn a passing score on an approved **comprehensive examination**. The two examinations approved for this purpose are the Major Field Achievement Test (Computer Science) published by the Educational Testing Service and the Computer Science Subject Test of the Graduate Record Examination.

Computer Science Major Web Applications Engineer Concentration

Computer Code: CSWE

Minimum credits required: 39 of Computer Science courses, 10-11 in Mathematics, and 2 in Art (plus prerequisites as indicated) (* = Prerequisite Required)

Required Art Course: 2 credits

ART	225	Two-Dimensional Computer Imaging	2 credits
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Required Mathematics Courses: 10-11 credits (plus prerequisites as indicated)

MTH	161	Discrete Mathematics I	4 credits*
MTH	262	Discrete Mathematics II	3 credits*
MTH	135	Intro to Probability & Statistics OR	3 credits*
MTH	141	Calculus I	4 credits*

Required Computer Science : 40 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	250	Multimedia Programming	3 credits*
CSC	241	Object Orientation and Linear Structures	3 credits*
CSC	242	Non-Linear Data Structures	3 credits*
CSC	280	Intro to Database Management Systems	3 credits*
CSC	330	Web Programming I	3 credits*
CSC	340	Web Programming II	3 credits*
CSC	370	Info Systems Security, Privacy, & Ethics	3 credits*
CSC	380	Advanced Database	3 credits*
CSC	400	Operating Systems	3 credits*
CSC	420	Formal Languages & Automata	3 credits*
CSC	475	Portfolio Development	3 credits*

Computer Science majors are required to earn a passing score on an approved **comprehensive examination**. The two examinations approved for this purpose are the Major Field Achievement Test (Computer Science) published by the Educational Testing Service and the Computer Science Subject Test of the Graduate Record Examination.

Computer Science Minor

The minor includes a minimum of 23 credits (plus prerequisites as indicated):

Required Mathematics courses: 7 credits (plus prerequisites as indicated)

MTH	161	Discrete Mathematics I	4 credits*
MTH	262	Discrete Mathematics II	3 credits*

Required Computer Science Courses: 16 credits (plus prerequisites as indicated)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	241	Object Orientation and Linear Structures	3 credits*
CSC	242	Non-Linear Data Structures	3 credits*
CSC	400	Operating Systems	3 credits*

Computer Science Advanced Placement Equivalencies

A student scoring 3 or better on an AP Computer Science examination will be awarded credit as follows:

Exam	Score	Credit Hours	Course Equivalent
A	3, 4, 5	3	CSC 210
AB	3, 4, 5	6	CSC 210, 241

Computer Science Course Descriptions

CSC 050 INDEPENDENT STUDY *One to three credit hours*

This course is designed to assist students in the study of computer topics beyond those included in the regular course offerings. Students working in cooperation with a supervising faculty member may study approved material which does not duplicate a course presently in the curriculum. See [Independent Study, Section II](#).

CSC 070 FIELD EXPERIENCE/INTERNSHIP *Credit hours to be arranged*

Academic credit is offered for appropriate off-campus, computer-related experience. See [Field Experience/Internship Program, Section II](#).

CSC 121 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS *Three credit hours*

Concepts and methods concerning the use of computer-based systems in business and other aspects of society, including communication technologies and the sciences. Several microcomputer applications will be introduced in a hands-on, laboratory setting, including electronic spreadsheets, database managers, e-mail, the Internet, and the World Wide Web.

CSC 131 COMPUTER APPLICATION SOFTWARE *Two credit hours*

The focus is on the application of a specific software product. Techniques for using software will be learned while applying them to the solution of information-processing problems. Students are

permitted to repeat the course when it is offered with a different software application, but no more than six credit hours of CSC 131 may be counted toward graduation requirements.

CSC 150 FUNDAMENTALS OF COMPUTER SCIENCE *Three credit hours*

Prerequisite: three years of high school mathematics, including second year algebra.

A survey of the field of computer science including a study of the design of computer programs. Programming techniques are covered and the common logic patterns sequence, selection (branching), looping, and modularization will be covered in detail. These logical patterns will be applied to algorithms common to many complex programs.

CSC 210 COMPUTER SCIENCE I: PROGRAMS AND APPLICATIONS *Three credit hours*

Prerequisite: Familiarity with the principles of higher-level programming languages is recommended.

This course covers the fundamental concepts of computers and computer programming. It introduces a variety of problem-solving paradigms, but concentrates on procedural and object-oriented programming. Repletion, selection, procedures, simple data types, arrays, and records are covered. Structured design and programming techniques are emphasized.

CSC 215 DIGITAL TOPICS *Two credit hours*

This course provides an introduction to the internal structure and operation of digital machinery along with the fundamental nature of digital computations. Topics include the internal representation of values and instructions, digital logic and circuits, and machine language.

CSC 220 FUNDAMENTALS OF DISTRIBUTED SYSTEMS *Two credit hours*

This course provides an introduction to computer systems composed of many cooperating machines running and sharing resources from separate locations. Topics introduced include network terminology and architecture, parallel and distributed algorithms, data communications, security, and the use of global networks.

CSC 225 FILE SYSTEMS MANAGEMENT TECHNIQUES AND APPLICATION *Four credit hours*

Prerequisite: CSC 210, CSC 215 and CSC 220
Corequisite: MTH 161

This course introduces the concept of structured programming in a business-programming environment. Concepts covered include common program structures, tables, file processing methods including sequential, indexed, and relative access, data verification, batch and online processing, search methods, and subprograms.

CSC 241 OBJECT ORIENTATION AND LINEAR STRUCTURES *Three credit hours*

Prerequisite: MTH 161 (may be taken concurrently), CSC 210 and CSC 215

This course emphasizes the design, construction, and use of structured data and objects. Both static and dynamic linear structures are covered, including lists, stacks and queues.

CSC 242 NON-LINEAR DATA STRUCTURES *Three credit hours*

Prerequisite: MTH 262 (may be taken concurrently) and CSC 241

This course expands the study of data structures begun in CSC 241 to non-linear structures, including tree graphs and heaps. Special attention is paid to the time and space complexity of the related algorithms. More advanced language topics are introduced.

CSC 250 MULTIMEDIA PROGRAMMING *Three credit hours*

Prerequisite: CSC 210 and CSC 215

This course focuses on the creation and integration of computer media including still graphics, animation, video, and sound. A major part of the course will focus on programming techniques and languages for the interactive control of multimedia presentations.

CSC 263(P) SEMINAR *Three credit hours*

Selected topics in computer science

CSC 270 TELECOMMUNICATIONS *Three credit hours*

Prerequisite: CSC 210, CSC 215 and CSC 220

An in-depth initiation to data communications. Fundamental communications concepts (data and

voice) are introduced as well as analysis of communications hardware, protocols, and software. Network configurations, design, security, control, and management will include studies of LANs, WANs, VANs, OSI models, ISDN, Packet Switching, common carrier service offerings, Internet, and Intranets. Vocabulary, hardware, concepts, issues, trends, and decision making as well as the link between business needs and the data communications field are stressed.

CSC 280 INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS *Three credit hours*

Prerequisite: CSC 220 and CSC 225 or CSC 241

This course introduces the fundamental concepts necessary for the use, design, implementation, and management of a database system. Database creation, maintenance, and querying using SQL are also covered. A relational database management system will be used throughout. In-line queries from another language are also covered, as is Web-based querying.

CSC 290 BUILDING LOCAL AREA NETWORKS *Three credit hours*

Prerequisite: CSC 210, CSC 215 and CSC 220

This course covers the design, installation, maintenance, supervision and performance of Local Area Networks (LANs) from both a theoretical and applied perspective, including network topology, cabling and support issues, and hardware considerations. It contains a lab component in which a fully functional network is designed and configured.

CSC 320 COMPUTER ARCHITECTURE & ORGANIZATION *Three credit hours*

Prerequisite: CSC 220 or CSC 241

This course covers computing history, computer technology and terminology, basic logic design, computer architecture, CPU architecture, memory systems and assembly language.

CSC 330 WEB PROGRAMMING I *Three credit hours*

Prerequisite: CSC 220 and 241

This course focuses on the client technologies used in deploying Web sites. Topics covered include Internet basics, HTML, XML, CSS, JavaScript, HTTP protocol, and cookies.

CSC 340 WEB PROGRAMMING II *Three credit hours*

Prerequisite: CSC 330

This course explores advanced client and server technologies for Web site deployment. Topics include Java, Perl, PHP, CGI/SSI, Web servers (e.g., Apache), servlets, network programming, and database access.

CSC 360 INFORMATION SYSTEMS PROJECT MANAGEMENT *Three credit hours*

Prerequisite: CSC 241

This course provides a methodical approach to project management in the context of an information system organization. The theory and practice of project management are studied and applied. Topics include system life cycle planning, organizational structures, team building, interview techniques, management functions, project management software, project evaluation and control, and technical writing.

CSC 370 INFO SYSTEMS SECURITY, PRIVACY, & ETHICS *Three credit hours*

Prerequisite: CSC 270 or CSC 280 or CSC 290

This course will explore the social issues, including historical and social context, professional responsibilities, risks and liabilities, and intellectual property of an information system organization. Topics include security policy development life cycle, policy development and implementation process, network security, privacy laws, authentication, access and information flow controls, memo and technical writing.

CSC 380 ADVANCED DATABASE MANAGEMENT SYSTEMS *Three credit hours*

Prerequisite: CSC280

This course stresses advanced topics in database management systems, particularly: advanced processing and SQL techniques, recovery and security issues and strategies, advanced database models, performance and tuning issues, distributed databases including data warehousing and related concepts.

CSC 400 OPERATING SYSTEMS Three credit hours

Prerequisite: CSC 220 and CSC 242

This course covers operating systems, processes and threads, CPU scheduling, mutual exclusion and synchronization, deadlock, memory management, file systems, networking, distributed systems and systems programming.

CSC 410 ADVANCED LOCAL AREA NETWORKS Three credit hours

Prerequisite: CSC 290 and MTH 135

This course covers advanced concepts, tools, and techniques associated with servers, workstations, and overall LAN performance. Topics include network security and configuration, system performance and optimization, communication protocols and packet formats, troubleshooting techniques, multi-platform integration, and other related topics such as routing and queue service algorithms.

CSC 411 NETWORK ADMINISTRATION Three credit hours

Prerequisite: CSC 410

This course covers physical and logical network administration. Physical network administration includes wiring, network electronics like hubs, switches and routers, and protocols. Logical network administration includes Network Operating System management topics.

CSC 420 FORMAL LANGUAGES AND AUTOMATA Three credit hours

Prerequisite: CSC 242

This course is an introduction to the theoretical foundations underlying computing. Topics include language specification and grammars, finite and pushdown automata, Turing machines, decidability, and computability. Application of these concepts into areas such as compiler design will also be discussed.

CSC 430 ALGORITHM DESIGN AND ANALYSIS Three credit hours

Prerequisite: CSC 242

Building on concepts of basic algorithm design and complexity analysis introduced in Computer Science I & II, this course explores advanced algorithm design and analysis. Topics may include advanced data structures, inductive algorithms, graph algorithms, geometric, algebraic, and numeric algorithms, reductions, NP-completeness, and parallel algorithms. Emphasis is placed on formal efficiency analysis of algorithms utilizing concepts from discrete mathematics.

CSC 460 SYSTEMS ANALYSIS AND DESIGN Four credit hours

Prerequisite: CSC 241 or 280

This course provides a methodical approach to developing computer systems including feasibility study, systems planning, analysis, design, testing, implementation, and software maintenance. Structured Systems Analysis and Design will be emphasized, but data-structure based and object-oriented Systems Analysis and Design methods will also be covered, with an emphasis on the relationship between the latter two methodologies.

CSC 470 SENIOR INTERNSHIP Three credit hours

Prerequisite: at least one 300 or 400 level CSC course

This course provides an off-campus experience in the field of computer science/information systems which incorporates analysis, design, programming, and documentation. The field experience will be matched to an individual student's major concentration. Emphasis is placed on application of classroom knowledge to actual practice.

CSC 471 SENIOR PROJECT Three credit hours

Prerequisite: at least one 300 or 400 level CSC course

This course provides an on-campus equivalent experience for those who for technical reasons cannot do an off-campus CSC 470 Internship. It will provide experience in the field of computer science/ information systems which incorporates analysis, design, programming, and documentation. The field experience will be matched to an individual student's major concentration. Emphasis is placed on application of classroom knowledge to actual practice.

CSC 475**PORTFOLIO DEVELOPMENT*****Three credit hours***

Prerequisite: CSC 250, CSC 280 and CSC 340

This course serves as the capstone course in the Web Specialist track. A Web Site of sizable work and technical complexity is assigned.

CRIMINAL JUSTICE

The interdisciplinary major in Criminal Justice, offered by the Division of Social Sciences, is designed to provide students with a series of academic courses and related experiences appropriate for career interests in the following areas: probation and parole, law enforcement, juvenile justice and corrections. The sequence of courses will enable students to understand the psychological, sociological, economic and political factors underlying criminal, delinquent, asocial and anti-social behavior. A seminar at the senior level provides an integration of material regarding issues within the major areas of the criminal justice system.

The criminal justice major is also intended to provide students with academic preparation for graduate school in criminal justice or law and/or help prepare the student academically to become a practitioner in the criminal justice system. In order to “bridge” the transition from college to the world of work within the criminal justice system, students are strongly encouraged (optional) to complete a field experience (internship) in an area pertaining to their career aspirations. There are a variety of internship opportunities in the areas of local law enforcement, federal law enforcement, juvenile justice, probation and courts/law. Students should be aware that opportunities may vary from year to year; also, some internships are competitive in nature and require substantial lead time in terms of the application process.

The program in criminal justice is designed as both a four-year major and as an affiliated program for students transferring from community colleges. Students transferring to Baldwin-Wallace after completion of the A.A.S. (Associates of Applied Science) degree in law enforcement, criminal justice or police science will be awarded up to 62 semester hours of transfer credit as Criminal Justice majors if the A.A.S. degree is from Cuyahoga Community College or Lakeland Community College. A.A.S. degrees from other institutions will be evaluated on a case-by-case basis.

Direct all questions related to the major and minor in Criminal Justice to Dr. Lou San Marco, Director of the Criminal Justice Program, in the Department of Sociology.

Criminal Justice Major

Computer Code: CRJS

Minimum credits required: 58 to 61 (including prerequisite courses as indicated)

Specific requirements for the interdisciplinary major in criminal justice follow:

Prerequisites:

PSY 110, POL 201, SOC 100, ECN 101 and ECN 102 are required of all Criminal Justice majors.

These courses are to be completed before taking other required courses in that department as indicated below. (* = Required prerequisite courses)

Criminal Justice core: 19 hours required

CRJ	165	Overview of the CRJ System	4 credits
POL/CRJ	207	Introduction to Law	3 credits
CRJ/SOC	223	Juv Del/Juv Justice System	3 credits
SOC/CRJ	313	Criminology	3 credits
CRJ/SOC	361	Corrections	3 credits
CRJ	464	Integrative Sem. In Crim. Justice	3 credits

Psychology: 11-12 hours required

PSY	110	Principles of Psychology	4 credits*
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Select one of the following:

PSY	205	Developmental Psychology	3 credits
PSY	315	Child Development	4 credits
PSY	325	Adolescent Development	4 credits

Select one of the following:

PSY	302	Abnormal Psychology	4 credits
PSY	339	Social Psychology	4 credits

Political Science: 7 hours required

POL	201	American National Government	4 credits*
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Select one of the following:

POL	303	Public Administration	3 credits
POL	304	Urban Politics	3 credits
POL	308	Civil Liberties	3 credits
POL	309	Criminal Law and the Constitution	3 credits

Sociology: 7-8 hours required

SOC	100	Principles of Sociology	4 credits*
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Select one of the following:

SOC	201	Social Problems	4 credits
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SOC	302	Racial & Cultural Minorities	3 credits
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SOC	465	Perspectives on Violence	3 credits
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Economics: 11 hours required

ECN	101	Principles of Economics I	4 credits*
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ECN	102	Principles of Economics II	4 credits*
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Select one of the following:

ECN	349	Labor in the Economy	3 credits
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ECN	352	Public Finance	3 credits
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ECN	356	Urban Economics	3 credits
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Statistics: 3-4 hours required**Select one of the following:**

MTH	135	Introduction to Probability & Statistics	3 credits
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ECN	279	Elements of Statistics	4 credits
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PSY	279	Elements of Statistics	4 credits
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IMPORTANT NOTE regarding D grades in the CRJ interdisciplinary major:

Students should also be aware that they cannot have more than 4 credit hours of "D" in the CRJ interdisciplinary major (including prerequisites ECN 101 and 102, PSY 100/110, SOC 100, POL 201). If you must repeat a course under those circumstances, you will not be given duplicate credit for the same course. (**Note:** PSY 279 and ECN 279 are equivalent courses.) If a student has more than one "D" in the CRJ interdisciplinary major, he/she should consider whether to remain in the CRJ major.

Minor in Criminal Justice

Minimum credits required: 19-21

The requirements for a criminal justice minor are as follows:

POL/CRJ	207	Introduction to Law	3 credits
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CRJ	165	Overview of the Criminal Justice System	4 credits
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Select either:

SOC/CRJ	313	Criminology	3 credits
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OR

CRJ/SOC	223	Juv Del/Juv Justice System	3 credits
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CRJ/SOC	361	Corrections	3 credits
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PLUS 6-8 credits

Student must take at least one **upper division**** course pertaining to the Criminal Justice Major

in at least two of the following disciplines: Sociology, Political Science, Psychology, and Economics. (See CRJ major.)

Upper division courses pertaining to the Criminal Justice minor are as follows for each of the interdisciplinary areas:

- Sociology: SOC 201D, 302D, 465
- Political Science: POL 303, 304D, 308, 309
- Psychology: PSY 205, 302, 315, 325, 339
- Economics: ECN 349, 352, 356D

Optional (not required)

CRJ	464	Integrative Seminar in Criminal Justice	3 credits
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** Student should consult departmental prerequisites for upper division courses.

Criminal Justice Course Requirements

In addition to the courses offered in economics, political science, psychology and sociology, there also are specifically designated criminal justice (CRJ) courses within the interdisciplinary major.

CRJ 050(I) <i>(Elective)</i>	INDEPENDENT STUDY	<i>Credit hours to be arranged</i>
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Students must generally have at least a 3.0 overall G.P.A. See [Independent Study Program, Section II.](#)

CRJ 070 <i>(Elective)</i>	INTERNSHIP	<i>Credit hours to be arranged</i>
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An internship with various criminal justice agencies is available to give students the opportunity to gain practical exposure to the workings of the criminal justice system (see [Internship Program, Section II](#)). Criminal Justice majors are advised to see the director or assistant director of the Criminal Justice program regarding internship opportunities. Students must have junior or senior status to participate. Students should see the director/assistant director at least one semester before the semester that they plan to do the internship. Competitive internships require more advanced notice and may have more stringent requirements. The availability of specific internships may vary.

CRJ 165	OVERVIEW OF THE CRIMINAL JUSTICE SYSTEM	<i>Four credit hours</i>
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This course examines the criminal justice system, consisting of police, courts and corrections. Acquainting the student with critical issues confronting these subsystems and our society will be of paramount importance. Major topics may include due process, police role, pretrial release, prosecutorial discretion and sentencing.

POL/CRJ 207	INTRODUCTION TO LAW	<i>Three credit hours</i>
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This course represents a basic introduction to the American legal system. Particular emphasis is placed on identifying the various types of law and the types of conflicts they are intended to resolve. Students will be introduced to the analysis of court decisions as a means to understanding some of the processes of legal reasoning. The course examines the law and the legal system from the perspective of the social sciences.

CRJ/SOC 223	JUVENILE DELINQUENCY & THE JUVENILE JUSTICE SYSTEM	<i>Three credit hours</i>
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This course examines competing theories of juvenile delinquency; measures which aid in the

prevention and control of this behavior are also addressed. Juvenile justice procedures and cases are presented. Attention is also given to the social consequences of juvenile delinquency and to the corresponding legal and social reactions.

SOC/CRJ 313 CRIMINOLOGY *Three credit hours*

Prerequisite: SOC 100 or SOC 106

This course focuses on the sociological aspects of crime. The course will include an examination of the nature of criminal law, the variety of theoretical explanations for criminal behavior, the measurement of crime, patterns of crime and the mechanisms for control of criminal behavior.

CRJ/SOC 361 CORRECTIONS *Three credit hours*

The focus of this course will be upon acquainting the student with an analysis of sentencing, probation, parole and a diverse number of "critical issues" in penology. Such issues may include the prison environment, deterrence, rehabilitation, retribution, prison violence, capital punishment, prisoners' rights and reform of the system.

CRJ 464 INTEGRATIVE SEMINAR IN CRIMINAL JUSTICE *Three credit hours*

Prerequisite: Participation in Criminal Justice Program, Senior status (Junior or Senior status for Evening/Weekend CRJ majors).

This is a 400-level course limited to Criminal Justice majors/minors. A primary focus is to substantively analyze some of the key issues affecting the subsystems of law enforcement, courts, and corrections, particularly from an ethical, and where feasible, an interdisciplinary perspective. Students will also have an opportunity to explore career options within the criminal justice system.

DIVERSITY STUDIES MINOR

The minor in Diversity Studies has two purposes: to teach students about diversity of the United States, with a special focus on gender, and to help students find innovative ways of living within a pluralistic society. For the purposes of this minor, "diversity" encompasses cultural, racial, ethnic, religious, sexual, generational, and physical diversities within the United States. "Gender" is understood as a subset of diversity, and includes the physiology, sociology, or psychology of gender difference, sexual identities, gender stereotypes, and/or social, economic, cultural and historical structures relating to men's and women's status. Gender courses may in addition have an international focus.

The minor is intended to complement students' majors. Its interdisciplinary design introduces students to the different ways the disciplines conceptualize, investigate, and analyze issues of diversity. The program of study will also aid students in refining and expressing their own ideas about diversity, and will encourage them to bring new perspectives to bear on their other areas of study. A capstone seminar will provide students with theoretical tools to integrate the material from their courses with their research or career choices in a sophisticated manner.

Direct all questions related to the Diversity Studies minor to Dr. Ellen Posman, Director of the Diversity Studies minor, in the Religion Department.

Diversity Studies

Computer Code: DVST

15 hours will be selected from a menu of existing courses (Gender Studies and Diversity Studies lists below), and students will also take a 3 credit capstone seminar (DST-463) that will provide students with theoretical tools to integrate the knowledge from the various classes they have taken into a final research project. Students may do a concentration in either gender studies or diversity studies, but they must take at least one class from both categories.

Minimum credits required: 18 (* = Prerequisite Required)

Required Course: 3 credits

DST 463 Seminar in Diversity Studies 3 credits

This is an integrative seminar intended to help students achieve an ability to deal with complex problems relating to the diversity of American society. The course is intended to help students integrate the knowledge they have acquired from their elective courses; conceptual issues will be of great importance. The seminar will culminate in a research paper or other appropriate project. The seminar, which may be team taught, will deal with selected topics chosen by the professors offering the course.

Elective courses:

Choose 15 credits from the following course listing. Choose at least one course from the Gender Studies course list and one from the Diversity Studies course list. To foster an interdisciplinary perspective on diversity, no more than two courses from a single department may count toward the minor.

Gender Studies courses:

HIS	235I	Women in Western Civilization	3 credits
HIS	236I	Women in Eastern Civilizations	3 credits
POL	208D	Special Legal Studies: when offered as "Women & Law" or "Sex and the Law"	1-3 credits
REL	216I	Women and Religion	3 credits
SOC	290D	Gender Roles	3 credits

Seminar and Topics courses as deemed appropriate

Diversity Studies courses:

CST	285D	Introduction to Intercultural Communication	3 credits
CST	324D	Studies in Communication (<i>when taught as Diversity in America</i>)	3 credits
ECN	341I	Episodes in the Economic History of North America & the Caribbean	4 credits
ECN	356D	Urban Economics	3 credits
HIS	260D	Topics in History (<i>when taught as African-American History</i>)	3-4 credits
MUL	228FD	Jazz History	2 credits
POL	202	Major Policy Issues: when topic is appropriate	1-3 credits
POL	203D	Civil Rights I	2 credits
POL	204Df	Civil Rights II	2 credits
POL	304D	Urban Politics	3 credits
POL	333D	Contemporary Political Voices at the Margins	3 credits
PSY	345D	Multicultural Psychology	4 credits
REL	106I	Hinduism	2 credits
REL	108I	Islam	2 credits
REL	109	Native American Religions	2 credits
REL	110	Judaism	3 credits
REL	115D	African-American Religious Experience	3 credits
REL	206D	Buddhism in America	3 credits
REL	211D	Jewish Liturgical Year	3 credits
REL	218D	American Religious Pluralism	3 credits
REL	293D	(<i>when taught as Dr. Martin Luther King, Jr. or History of Gospel Music</i>)	3 credits
SOC	201D	Social Problems	4 credits
SOC	301D	Social Inequalities	3 credits
SOC	302D	Racial & Cultural Minorities	3 credits
SOC	418D	Social Movements	3 credits

Seminars and Topics courses as deemed appropriate.

ECONOMICS

Economics is a social science because it seeks to measure, explain and predict ways in which people behave. Its approach to problem solving is typically deductive and it is frequently quantitative, but the underlying agenda is the improvement of the human condition through the selection of appropriate public policy. From the introductory courses, which acquaint students with the fundamentals of the economic way of thinking through the intermediate theory, topics and methods courses, to the capstone senior seminar, we stress this importance of analysis in the service of society.

Economics Major

Computer Code: ECNS

Minimum credits required: 40 (* = Prerequisite Required)

Students who elect to major in economics will find a broad spectrum of courses enabling them to obtain jobs in the business and financial community, to enter graduate school or to pursue a professional education, such as law. Courses in economic theory are balanced with others in which economics is applied to specific domestic and international issues. Economics majors are exposed to computer techniques and applications in statistics and economic research. Independent study and seminar classes are made available to juniors and seniors.

Required Courses

BUS	211	Principles of Accounting I	4 credits
ECN	101(H)	Principles of Economics I	4 credits
ECN	102(H)	Principles of Economics II	4 credits*
ECN	279	Elements of Statistics	4 credits*
ECN	379	Advanced Statistical Methods	4 credits*
ECN	301	Intermediate Microeconomics	4 credits*
ECN	302	Intermediate Macroeconomics	4 credits*
ECN	463	Research Seminar	3 credits*
3 Elective courses in Economics at the 300 level			9 credits*

Students majoring in economics should complete ECN 279 early in their program.

Mathematical Economics Major

Computer Code: MTEC

Minimum credits required: 50

The department also offers a major in Mathematical Economics. This major provides students with a level of mathematical background considered essential for pursuing graduate work in economics. The major also provides students of mathematics with a firm understanding of the application of mathematical principles to economics.

Required Courses

Economics Department

ECN	101(H)	Principles of Economics I	4 credits
ECN	102(H)	Principles of Economics II	4 credits
ECN	301	Intermediate Microeconomics	4 credits
ECN	302	Intermediate Macroeconomics	4 credits
ECN	279**	Elements of Statistics OR	4 credits
MTH	405	Mathematical Statistics	4 credits
ECN	363M	Mathematical Topics in Economics	3 credits
ECN	379	Advanced Statistical Methods	4 credits
ECN	463	Research Seminar	3 credits

Total credits in Economics: 30

** If MTH 405 is taken, an additional course in economics at the 300 level is to be substituted for ECN 279.

Required courses:

Mathematics Department

MTH	141	Calculus I	4 credits
MTH	142	Calculus II	4 credits
MTH	243	Calculus III	4 credits
MTH	211	Linear Algebra	4 credits
MTH	212	Differential Equations OR	4 credits
MTH	405	Mathematical Statistics I	4 credits

Total credits in Mathematics: 20

MTH 405 can substitute for ECN 279, in which case an additional economics course at the 300 level must be taken.

Economics Minor

A minor in economics consists of 22 to 26 credit hours. Students must take ECN 101(H), 102(H), 301, and two other economics courses at the 300 or 400 level. The minor is completed by taking either ECN 279 or BUS 211.

Economics Internship Option

The faculty of the department strongly encourages participation in the Internship program. Through the program, students accumulate academic credit and gain valuable job experience. Students are often compensated for their work and can present a record of academic and practical experience to potential employers. Students are advised to consult their faculty advisor and the office of Career Services for more information.

Secondary Education Licensure

Students wishing to be certified by the State of Ohio for the teaching of economics in the secondary schools may obtain information concerning certification requirements from either the Department of Economics or the Division of Education.

The Buckhorn Chair in Economics

The Buckhorn Chair in Economics was established in January 1983 through a gift from Buckhorn, Inc., of Cincinnati, Ohio, (a subsidiary of Myers Industries). The chair enables a faculty member to conduct research in economic thought, economic, political, and social issues, economic growth, and applied economics. The scope of the Buckhorn Chair includes teaching, research, and establishment of linkages between the academic and business communities.

Economics Course Descriptions

ECN 050(I) INDEPENDENT STUDY

One to four credit hours

Intended to encourage the development of study in the broadest sense, utilizing every avenue to the development of a creative and critical exchange of ideas. The number of credit hours involved will depend on the nature of the independent study program undertaken by the student. Independent study courses are not designed to serve as substitutes for any course offered in the department. They are intended to give students an opportunity to expand their knowledge and give critical analysis to specific areas of economics. See Guidelines for Independent Study available in the Economics Department office for further information. Also see [Independent Study Program, Section II](#)

ECN 070 INTERNSHIP

One to eight credit hours

Economics majors and other students interested in economics are encouraged to participate in the Internship Program. The purpose of the Program is to enable students to broaden their horizons by merging valid work experience with classroom training. All Internship programs in economics must be coordinated through the Office of Career Services and the Department of Economics. See Guidelines for Internships available in the Economics Department office for further information. Also see [Internship Program, Section II](#).

ECN 100(H) SURVEY OF ECONOMICS

Three credit hours

Designed partially to fulfill the general curriculum requirement in social science. (Also see requirements for BUS minors and for EDU Middle Childhood.) A study of economic relationships, problems and institutions. ECN 100(H) may not be taken for credit if a student has earned previous credit for ECN 101(H) and/or ECN 102(H).

ECN 101(H) PRINCIPLES OF ECONOMICS I

Four credit hours

Principles and problems of microeconomics: price, value and distribution. Economic decision making under different market structures is analyzed. Emphasis is placed on the efficient allocation of resources by firms and owners of the factors of production.

ECN 102(H) PRINCIPLES OF ECONOMICS II**Four credit hours***Prerequisite: ECN 101(H)*

Principles and problems of macroeconomics: national income, employment, inflation, economic growth, monetary and fiscal policies, international economics and alternative economic systems.

ECN 150I HUMANS AND THE EARTH: CAN WE COEXIST?**Three credit hours**

This team-taught, interdisciplinary course examines global environmental issues, including biodiversity, climate, energy and population from economic and other disciplinary perspectives. These other perspectives will vary depending upon the academic disciplines of the other two faculty members who teach the course. The student can satisfy three core credits, either in the sciences (BIO 200) or in the social sciences (ECN 150I).

ECN 279 ELEMENTS OF STATISTICS**Four credit hours**

Prerequisite: MTH 136 or higher level math course recommended, or consent of the instructor. This course will not count toward satisfying the social sciences portion of the core curriculum requirement of the College.

Introduction to basic statistical concepts including descriptive statistics, probability, confidence intervals, sampling distributions, hypothesis testing, correlation and regression. Emphasis is placed on statistical reasoning and data analysis with applications in economics, business and the social sciences.

ECN 301 INTERMEDIATE ECONOMICS I (MICRO THEORY)**Four credit hours***Prerequisite: ECN 101(H), 102(H) and 279*

An in-depth intermediate level discussion of price and value theory, as well as distribution theory. The economic decision-making process of consumers, business firms and owners of factors of production operating under different market structures is given rigorous analysis.

ECN 302 INTERMEDIATE ECONOMICS II (MACRO THEORY)**Four credit hours***Prerequisite: ECN 101(H), 102(H) and 279*

An in-depth intermediate level discussion of macroeconomics, including an analysis of income determination through the classical and Keynesian models. The analysis includes an examination of the theories of consumption and investment, the nature and causes of business cycles, and the determinants of economic growth.

ECN 339 MONEY & BANKING**Three credit hours***Prerequisite: ECN 101(H), 102(H)*

A study of the history, organization and operation of monetary and banking institutions, including the money markets, their role in the functioning of the economy and monetary and fiscal policies.

ECN 340I CONTROVERSY AND PROGRESS IN ECONOMICS: THE HISTORY OF ECONOMIC IDEAS**Three credit hours***Prerequisite: ECN 101(H), 102(H)*

This course provides an historical and critical perspective on economics by considering what makes the discipline "scientific," and how economics has progressed. Focusing on "revolutions" and controversy in economic thought, and using original texts, the student considers whether the discipline is independent from ideology, and whether current policy debates have historical precedents. Topics include the Scholastics, Mercantilism, Physiocracy, Classical and Neoclassical Economics, and Keynes. Offered in alternate years.

ECN 341ID EPISODES IN THE ECONOMIC HISTORY OF NORTH AMERICA AND THE CARIBBEAN**Three credit hours***Prerequisite: ECN 101(H), 102(H)*

An analysis is conducted of how key past events were shaped by economics, and how current economic policy is informed by historical study. Topics include growth, technological change, income distribution, and government policy in diverse historical settings such as colonization,

slavery and emancipation, the Great Depression, and the economic transformation of the industrial Midwest. Offered in alternate years.

ECN/BUS 344 GAME THEORY

Three credit hours

This course addresses the nature of competition and cooperation in economics and business, as well as how cooperative behavior evolves. The notion of Prisoner's Dilemmas and the means by which players and societies extract themselves from the dilemma of individual vs. social rationality will be our focus. We will ask whether purely self-interested behavior is always in the "best" interests of the individuals involved or whether there are long-term benefits of cooperation.

ECN 349 LABOR IN THE ECONOMY

Three credit hours

Prerequisite: ECN 101(H), 102(H)

Develops the theoretic foundations for the analysis of labor markets. Other topics include education and the development of human capital; labor-market search models; wage-based incentive programs; the theory of union-management negotiation and a discussion of labor-market discrimination. The course emphasizes analytic techniques that may be applied to issues as diverse as welfare reform, immigration policy and the economic incentives to crime.

ECN 352 PUBLIC FINANCE

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A study of the economic basis for governmental activity. Emphasis is placed on efficiency, market failure, externalities, public goods and collective choice. The theory of taxation and tax incidence is discussed and applied to contemporary tax policy issues. Alternative means of financing government activity and the distribution of powers among governments in a federal system are analyzed.

ECN 356D URBAN ECONOMICS

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A study of the economic processes through which cities and regions develop, grow and mature. Economic theories of urban and metropolitan development and studied and applied to contemporary problems such as urban fiscal and economic decline, crime, poverty, housing, transportation and central city-suburban competition.

ECN 358 ENVIRONMENTAL ECONOMICS

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A study of the economic approaches to environmental and natural resource issues. The study includes the ideas, concepts, and theories that have influenced economists in the formulation of environmental and natural resource policy. The greater emphasis will be on environmental economics. Offered in alternate years.

ECN 360I COMPARATIVE ECONOMIC SYSTEMS

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A comparative study of the operation of different economic systems, in theory and as practiced currently in the major economies of the world. Offered as needed.

ECN 362I ECONOMICS OF DEVELOPING COUNTRIES

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A study of issues and problems of the economic development of emerging countries: concepts of development and growth, theories of development, domestic and international significance of development plans. Offered in alternate years.

ECN 363(M) TOPICS IN ECONOMICS

Three credit hours

Prerequisite: ECN 101(H), 102(H) and consent of instructor

Examination of special topics in economics. A mathematical version of this course is required for students majoring in mathematical economics. Offered as needed.

ECN 365I INTERNATIONAL ECONOMICS

Three credit hours

Prerequisite: ECN 101(H), 102(H)

A study of the economic relations among the nations, the causes and effects of international specialization and exchange, structural changes in the international economy, and international

economic policies. The course emphasizes (1) the theory of international trade and (2) the theory of international finance, including a unit on economic integration (common markets).

ECN 379 ADVANCED STATISTICAL METHODS *Four credit hours*

Prerequisite: ECN 279

Intensive study of statistical methods and applications widely used in economic and related fields is undertaken. Students normally analyze a chosen research question. Statistical topics include ordinary least squares, generalized least squares, and methods to address other specific data problems. Computer use with statistical software is intensive.

ECN 463 RESEARCH SEMINAR *Three credit hours*

(Formerly ECN 250) Prerequisites ECN 101(H), 102(H), 279, senior standing or permission of instructor. In addition, ECN 301, 302 and 379 are recommended.

A review and discussion of the main research methods used by economists. Students undertake a capstone research project. They begin by choosing and refining a research question, followed by a thorough literature review. Economic theory, evidence, and the development and testing of a hypothesis are used, as appropriate, to answer the research question. Both the question and the methodology are presented to the seminar at various stages of the research.

ECN 491,492 DEPARTMENTAL THESIS/PROJECT *Credit hours to be arranged*

Open only to students receiving permission of the Dean of College and having at least a 3.00 cumulative point average. Departmental Thesis/Projects are intended to afford the student an opportunity to engage in a study of a fairly comprehensive field of knowledge, to carry on original investigation where this is possible, and to develop the ability to express oneself. The student works under the direction of a faculty member for Departmental Thesis/Project work. The Guidelines for Departmental Thesis/Project are available in the Economics Department office. Also see [Departmental Thesis/Project, Section II.](#)

EDUCATION

Baldwin-Wallace College is approved by the State of Ohio Department of Education, North Central Association of Colleges and Schools, and the National Council for Accreditation of Teacher Education to prepare teachers for teaching early childhood education (prekindergarten-grade 3), middle childhood education (grades 4-9), mild/moderate educational needs (kindergarten-grade 12), adolescent young adult education (grades 7-12), for teaching regular academic subjects offered in the junior and senior high schools, and multi-age education (prekindergarten-grade 12), for teaching subjects such as foreign language, health, music, physical education, and visual arts.

The Division of Education faculty, along with their Arts and Sciences and Conservatory faculty partners, are committed to the development of a strong performance-based program of teacher education. The teacher education curriculum is arranged conceptually around six teacher/educator attributes: content knowledge, professional knowledge, pedagogical knowledge, diversity, educational technology, and professional dispositions. These six attributes comprise a conceptual framework for guiding the academic experiences of all students. Through a series of professional and self-assessments, teacher education graduates will be able to demonstrate proficiency in each of the six areas.

Teacher Education candidates participate in field experiences, seminars, classes, and assessment and remediation activities. Successful teacher education candidates learn the art of self-reflection and embody the characteristics of all B-W students in becoming contributing, compassionate, competent educators.

Field Experiences are developmentally sequenced to allow students the opportunity to explore teaching as a career choice early in their college experience. Initial field experiences include observation, tutoring, and assisting teachers in their classrooms. By their junior year candidates have not only practiced teaching in their B-W classes, they have planned, conducted and evaluated their teaching in an actual school classroom. By completing a series of steps to qualify for each transition point in the program, students are allowed opportunities to develop the necessary skills, knowledge, and values to move confidently into their final clinical experience, student teaching.

Dispositions

The faculty in the Division of Education believe that effective teachers possess and develop characteristics, attitudes and behaviors that contribute to their students' success. These include:

1. Candidates will contribute to a positive climate in both the college classroom and in the P-12 setting.
2. Candidates will demonstrate mastery of written and spoken language for self-expression and in communication with others.
3. Candidates are thoughtful and responsive listeners.
4. Candidates will demonstrate a commitment to reflection, assessment, and learning as ongoing processes.
5. Candidates will demonstrate a willingness to give and receive help.
6. Candidates will demonstrate sensitivity to community and cultural norms of the teacher education program, the college classroom, and clinical/practicum settings.
7. Candidates will show that they value human diversity and show respect for others' varied talents and perspectives.
8. Candidates will show that they value the development of critical thinking, independent problem solving, and performance capabilities in himself or herself and P-12 students.

9. Candidates will demonstrate a commitment to keeping abreast of new ideas and understandings in the field of education.
10. Candidates will demonstrate a level of responsibility appropriate for a professional.

Students are periodically assessed in class and field work on these dispositions. They are provided feedback to encourage individual growth and development.

Licensure

A provisional teacher license, valid for two years, will be issued by the State of Ohio to students who earn the baccalaureate degree, including the prescribed program of general and professional education courses, and who successfully complete the State License Examinations. This license is required for entry into an Entry Year Program and may be used for substitute teaching. Although variations exist according to individual majors, the basic professional education requirements include the following courses and their credit-hour values.

Early Childhood Education License (prekindergarten-grade 3)

Computer Code: EDUC

Minimum professional education credits required: 54

For an Early Childhood Education license, a student must major in Early Childhood Education and earn a baccalaureate degree, including the prescribed program of general education, professional education, and curriculum content.

The basic professional education course requirements include the following courses and their credit hour values:

EDU 101	Introduction to Education and Teaching	2 credits
EDU 102	Introductory Field Experience	0 credits
EDU 103D	Education of Children with Special Needs	2 credits
EDU 104	Technologies for the K-12 Educator	3 credits
PSY 205	Developmental Psychology	3 credits
EDU 202	Intermediate Field Experience	0 credits
EDU 203	Introduction to Early Childhood Education	3 credits
EDU 204	The Teaching of Phonics	3 credits
EDU 208	Developmentally Appropriate Programs in Early Childhood Education	2 credits
EDU 209	Guiding Young Children	2 credits
EDU 210	Family & Community in Early Childhood Education	2 credits
EDU 330	Assessment in Early Childhood Education	2 credits
EDU 331	Literature in Early Childhood Education	2 credits
EDU 332	Literacy Instruction in Early Childhood Education	3 credits
EDU 333	Reading Instruction in Early Childhood Education	3 credits
EDU 334	Diagnostic & Remedial Reading Methods	3 credits
EDU 335	Social Studies Instruction in Early Childhood Education	2 credits
EDU 336	Science/Health Instruction in Early Childhood Education	2 credits
EDU 337	Mathematics Instruction in Early Childhood Education	3 credits
EDU 480	Clinical Practice in Early Childhood Education	10 credits

EDU 488	Senior Seminar	1 credits
EDU 489	Multicultural Seminar	1 credits

The degree earned with a major in Early Childhood Education is a Bachelor of Science in Education (B.S. in Ed.)

To earn an additional license in **Mild/Moderate Educational Needs**, the Early Childhood Education candidate must complete the following sequence of courses.

EDU 343	Reading Instruction in Middle Childhood Education	3 credits
EDU 347	Mathematics Instruction in Middle Childhood Education	3 credits
EDU 474	Introduction to Students with Mild/Moderate Educational Needs	3 credits
EDU 476	Behavior Management for Students with Mild/Moderate Educational Needs	2 credits
EDU 477	Assessment & Remediation Strategies for Students with Mild/Moderate Educational Needs	3 credits
EDU 415B01	Clinical Practice in Mild/Moderate Educational Needs (1/2 semester)	5 credits
EDU 417A01	Clinical Practice in Early Childhood Education (1/2 semester)	5 credits

Middle Childhood Education (grades 4-9)

Computer Code: EDMC

Minimum professional education credits required: 45

For a Middle Childhood Education license, a student must major in Middle Childhood Education, and earn a baccalaureate degree, including the prescribed program of general education, and professional education. In addition, the student must also take the required courses in two of the following teaching fields:

- Reading and Language Arts* (29 hours) (3.0 GPA required)
- Mathematics* (30-32 hours) (2.5 GPA required)
- Science* (21-23 hours) (2.6 GPA required)
- Social Studies* (27 hours) (2.6 GPA required)

The basic professional education course requirements include the following courses and their credit hour values:

EDU 101	Introduction to Education and Teaching	2 credits
EDU 102	Introductory Field Experience	0 credits
PSY 205	Developmental Psychology	3 credits
EDU 103D	Education of Children with Special Needs	2 credits
EDU 104	Technologies for the K-12 Educator	3 credits
EDU 201	Teaching Strategies & Management Skills	4 credits
EDU 202	Intermediate Field Experience	0 credits
EDU 204	The Teaching of Phonics	3 credits
EDU 205	Introduction to Middle Childhood Education	3 credits
EDU 340	Assessment of Teaching and Learning	2 credits
EDU 341	Adolescent/Young Adult Literature	2 credits
EDU 343	Reading Instruction in Middle Childhood Education	3 credits

EDU 348	Reading in the Content Area	3 credits
EDU 334	Diagnostic and Remedial Reading Methods	3 credits
EDU 481	Clinical Practice in Middle Childhood Education	10 credits
EDU 488	Senior Seminar	1 credits
EDU 489	Multicultural Seminar	1 credits

*Teaching fields qualify as minors for middle childhood majors.

The degree earned with a major in middle childhood education is a Bachelor of Science in Education (B.S. in Ed.).

See Division of Education for **REQUIRED** courses in each area.

To earn an additional license in **Mild/Moderate Educational Needs**, the Middle Childhood Education candidate must complete the following sequence of courses:

EDU 342	Integrated Curriculum for Intervention Specialists	3 credits
EDU 347	Mathematics Instruction in Middle Childhood Education	3 credits
EDU 474	Introduction to Students with Mild/Moderate Educational Need	3 credits
EDU 476	Behavior Management for Students with Mild/Moderate Educational Needs	2 credits
EDU 477	Assessment & Remediation Strategies for Students with Mild/Moderate Educational Needs	3 credits
EDU 415B01	Clinical Practice in Mild/Moderate Educational Needs (1/2 semester)	5 credits
EDU 418A01	Clinical Practice Middle Childhood Education (1/2 semester)	5 credits

Adolescent Young Adult (AYA) Education* (7-12) License and Multi-Age Education* (prekindergarten-grade 12) License

Computer Code: LYAM

Minimum professional education credits required: 36-37

For adolescent young adult and multi-age licenses, a student majors in an academic area and completes courses required for license. Degrees offered include B.A., B.S., and B.M.E., depending upon major.

The basic professional education course requirements include the following courses and their credit hour values:

EDU 101	Introduction to Education and Teaching	2 credits
EDU 102	Introductory Field Experience	0 credits
EDU 103D	Education of Children with Special Needs	2 credits
EDU 104	Technologies for the K-12 Educator	3 credits
PSY 205	Developmental Psychology	3 credits
EDU 201	Teaching Strategies & Management Skills	4 credits
EDU 202	Intermediate Field Experience	0 credits
EDU 206	Introduction to Adolescent Education	2 credits
EDU 340	Assessment of Teaching and Learning	2 credits
EDU 348	Reading in the Content Area	3 credits
EDU 350	Special Methods in Adolescent Young Adult/Multi-Age Teaching Field	3/4 credit
EDU 487	Clinical Practice: Adolescent Young Adult Education	10 credits
	OR	
EDU 490	Clinical Practice: Multi-Age Education	10 credits
EDU 488	Senior Seminar	1 credits
EDU 489	Multicultural Seminar	1 credits

*Completing AYA or Multi-Age requirements constitutes a minor in either area.

Licensure Courses

Multi-Age Education (prekindergarten through twelve): Foreign Languages—French, German, Spanish; Health; Music; Physical Education; and Visual Arts

Adolescent Young Adult Education (grades seven through twelve): Integrated Language Arts; Integrated Mathematics; Integrated Science; Integrated Social Studies; Life Sciences; and Physical Sciences

See Division of Education for REQUIRED courses in each area.

Music Education candidates have a professional education program that varies from the program listed here. See Music Education for details.

To earn an additional license in **Mild/Moderate Educational Needs**, the Adolescent Young Adult/Multi-Age Education candidate must complete the following sequence of courses:

EDU 204	The Teaching of Phonics	3 credits
EDU 334	Diagnostic & Remedial Reading Methods	3 credits
EDU 342	Integrated Curriculum for Intervention Specialists	3 credits
EDU 343	Reading Instruction in Middle Childhood Education	3 credits
EDU 347	Mathematics Instruction in Middle Childhood Education	3 credits
EDU 474	Introduction to Students with Mild/Moderate Educational Needs	3 credits
EDU 476	Behavior Management for Students with Mild/Moderate Educational Needs	2 credits
EDU 477	Assessment & Remediation Strategies for Students with Mild/Moderate Educational Needs	3 credits
EDU 415B01	Clinical Practice in Mild/Moderate Educational Needs (1/2 semester)	5 credits
EDU 419A01	Clinical Practice Adolescent Education (1/2 semester)	5 credits

Mild/Moderate Educational Needs (K-12) License

Computer Code: EDUD

Minimum professional education credits required: 70

For an Intervention Specialist license, a student must major in Mild/Moderate Educational Needs and earn a baccalaureate degree including the prescribed program of general education, professional education, curriculum content, and specialization courses.

The basic professional education and specialization course requirements include the following courses and their credit hour values:

EDU 101	Introduction to Education and Teaching	2 credits
EDU 102	Introductory Field Experience	0 credits
EDU 103D	Education of Children with Special Needs	2 credits
EDU 104	Technologies for the K-12 Educator	3 credits
PSY 205	Developmental Psychology	3 credits
EDU 201	Teaching Strategies & Management Skills	4 credits
EDU 202	Intermediate Field Experience	0 credits
EDU 204	The Teaching of Phonics	3 credits
EDU 340	Assessment of Teaching and Learning	2 credits
EDU 331	Literature in Early Childhood Education	2 credits
EDU 341	Adolescent/Young Adult Literature	2 credits
EDU 332	Literacy Instruction in Early Childhood Education	3 credits
EDU 333	Reading Instruction in Early Childhood Education	3 credits
EDU 343	Reading Instruction in Middle Childhood Education	3 credits
EDU 334	Diagnostic & Remedial Reading Methods	3 credits
EDU 345	Social Studies Instruction in Middle Childhood Education	2 credits

EDU 346	Science/Health Instruction in Middle Childhood Education	2 credits
EDU 347	Mathematics Instruction in Middle Childhood Education	3 credits
PSY 315	Child Development	4 credits
PSY 325	Adolescent Development	4 credits
EDU 474	Introduction to Students with Mild/Moderate Educational Needs	3 credits
EDU 476	Behavior Management for Students with Educational Needs	2 credits
EDU 477	Assessment & Remediation Strategies for Students with Mild/Moderate Educational Needs	3 credits
EDU 484	Clinical Practice - Mild/Moderate Educational Needs	10 credits
EDU 488	Senior Seminar	1 credits
EDU 489	Multicultural Seminar	1 credits

Licensure in Other States

Qualification for a teaching license in Ohio is usually sufficient for an initial license/certificate in other states. A majority of states participate in a reciprocal agreement with the State of Ohio. In addition, accreditation by the National Council for the Accreditation of Teacher Education may facilitate the securing of a license/certificate outside of Ohio.

Placement and Job Opportunities

Students are required to submit a completed portfolio by the end of the clinical practice experience. The portfolio contains reference letters, final evaluations and evidence of successful teacher preparation and student teaching and is a valuable tool in the interview process.

Information on teaching opportunities may be obtained in the Office of Career Services, not in the Division of Education. Students should study the Job Bulletins which are issued weekly by the Office of Career Services. Students are asked to note the on-campus interview schedules and other teaching opportunities posted on various bulletin boards on campus.

The Office of Career Services assists students with self-assessment, career information and placement. Students are actively engaged in these areas through individual guidance and group programs. Education majors are encouraged to begin their resumes and required portfolios as freshmen or sophomores and pursue internships working with youth or educational organizations throughout college. Programs such as Survival Skills in Education and Career Roundtable Dinners allow students to network with educators from area schools. Career Services meets with students early and often during their college experience so they may realize their goal of employment upon graduation.

Although Career Services offers valuable assistance to prospective teachers, final job placement resides with the candidate. Both the Division of Education and Career Services are pleased to help; the initiative, however, must come from the candidate.

Field Experience

Many of the professional education courses have planned field experiences. Students are required to spend time in schools in a variety of settings including urban, suburban and rural locations.

In addition to the planned field experiences, candidates are encouraged to secure work experience with youth groups or assist with counseling, playground supervision, club sponsorship, etc. Such activity can provide valuable experience in the preparation of teachers.

Transportation to and from any field-based experience, including clinical practice, is the responsibility of the student. Although the Division of Education will assist with arrangements whenever possible, the student must assume the responsibility both for such transportation and for adequate insurance protection.

Teacher Education Handbook

Each fall the Division of Education prepares a handbook entitled "Policies and Procedures for Teacher Education." All students entering preparation for teaching should obtain this handbook from the Division of Education or from their advisors.

Admission and Continuation in the Teacher Education Program Leading to Licensure

Transition Points

Point One: Admission to Baldwin-Wallace College

Criteria:

- The criteria for admission are established by the college officers and published in the current college catalog.

Point Two: Formal admission to the Teacher Education Program (In order to advance to 200 level courses)

Criteria:

- Take PRAXIS I (Three Academic Skills Assessments- PPST; Reading-10710; Writing-20720; Mathematics-10730)
- Have overall GPA of 2.6 in all B-W course work
- Have completed all prerequisite course work including required field experiences for 200 level courses
- Have earned a cumulative GPA in EDU courses of 2.8 with a grade of C or better in all EDU courses
- Submit verification of "Good Moral Character" form
- Submit formal application. (Should be completed by each candidate while enrolled in EDU 101 or available in Division office)

Point Three: Acceptance to Professional Sequence (Method Courses)

Criteria:

- Submit passing score on PRAXIS I (Three academic Skills Assessments-PPST)
- Earn overall GPA of 2.6 in all B-W course work
- Have all prerequisite course work completed including required field experiences
- Earn a cumulative GPA in EDU courses of 2.8 with a grade of C or better in all EDU courses
- Meet all Teaching Field/Department GPA requirement(s).
- Obtain a "clear" criminal identification and investigation report
- Obtain a "negative" TB test

Point Four: Acceptance to Clinical Practice

Criteria:

- Take PRAXIS II (Principles of Learning and Teaching Tests and Subject Assessment/Specialty Area Tests as required by the Ohio Department of Education)
- Earn a cumulative GPA in EDU courses of 2.8 with a grade of C or better in all required method courses
- Earn overall GPA of 2.6 in all B-W course work
- Meet all Teaching Field/Department GPA requirement(s)

Point Five: Candidate's Application for Provisional Teacher License Signed by Division Chair

Criteria:

- Completion of all required course work and, if appropriate, all degree requirements
- Submit passing scores on PRAXIS II (Principles of Learning & Teaching Tests and Subject Assessment/Specialty Area Tests as required by the Ohio Department of Education)
- Satisfactory evaluation of Clinical Practice and the candidate's Professional Portfolio
- Obtain a "clear" criminal identification and investigation report
- Earn overall GPA of 2.6 in all B-W course work
- Cumulative GPA of 2.8 in EDU course work
- Meet Subject/Department area GPA requirement(s)

Point Six: Candidate Earns First Professional License

Criteria:

- Candidate successfully completes Entry Year Program including Entry Year Performance Assessment (PRAXIS III)

Appeal Procedure

Any student has the right to request, in writing to the Division of Education Chairperson of the Teacher Education Committee a review of a decision made on the status of his/her candidacy.

Review Procedure

All teacher education candidates who do not qualify at any transition point in the program will be counseled by their academic advisor. The advisor may recommend the following types of remediation: additional course work, repeating a course, or other forms of student support. In cases where continuation is in question, the advisor, current faculty members and the Chair may confer to determine a suggested course of action, including withdrawal from the program.

Code of Professional Behavior

A Code of Professional Behavior is outlined for all candidates in the Student Handbook. The Code identifies professional dispositions expected of all pre-service and advanced candidates. Faculty may identify candidates who exhibit behaviors that are inconsistent with the Code and provide a written referral to the Division Chairperson. If a response is warranted, a team of appropriate faculty, field or administrative staff will meet with the candidate to determine an appropriate course of remedial action.

Early Childhood Education License

Course Requirements. Early Childhood Education majors must complete the courses as listed on the current "Model Program." All methods courses must have been taken within the last five years prior to license and with a grade of "C" or better.

The student majoring in early childhood education must meet the College requirements for a baccalaureate degree and also must satisfy the state and College requirements for licensure as an early childhood education teacher. Early Childhood majors are exempt from the college requirement to complete a minor.

Licensure. A provisional teacher license, valid for two years, is available for early childhood education, grades prekindergarten through three. This license shall be required for entry into an Entry Year Program and may be used for substitute teaching.

Middle Childhood Education License

The Division of Education offers a licensure program for middle childhood education teachers

(grades four through nine). Middle Childhood Education teaching fields consist of course work distributed over two of the following curriculum areas:

1. Reading/Language Arts (29 hrs.) (3.0 GPA required)
 2. Mathematics (30-32 hrs.) (2.5 GPA required)
 3. Science (21-23 hrs.) (2.6 GPA required)
 4. Social Studies (27 hrs.) (2.6 GPA required)
- Teaching fields qualify as minors for Middle Childhood students.

Adolescent Young Adult/Multi-age License

Students preparing for an Adolescent Young Adult (AYA) Education License (grades seven through twelve) or for a Multi-Age Education License (grades prekindergarten through twelve) must complete the courses as listed on the current "Model Program".

Selecting Teaching Fields. Selection of a teaching field is an extremely important task for each Adolescent Young Adult Education (grades seven through twelve) or Multi-Age Education (grades prekindergarten through twelve) student. A 2.6 grade point average is required for all teaching areas except English and Music Education, where a 3.0 grade point average is required. Teaching fields available at Baldwin-Wallace are:

Multi-Age Education (grades prekindergarten through twelve)

- Foreign Language: French, German, Spanish
- Health
- Music
- Physical Education
- Visual Arts

Adolescent Young Adult Education (grades seven through twelve)

- Integrated Language Arts
- Integrated Mathematics
- Integrated Science
- Integrated Social Studies
- Life Sciences
- Physical Sciences

Completing AYA or Multi-Age requirements constitutes a college minor.

Intervention Specialist License (Kindergarten through grade twelve)

Mild/Moderate Educational Needs

A license for Mild/Moderate Educational Needs is currently the only area of Intervention Specialist available at Baldwin-Wallace College.

A license to teach Mild/Moderate Educational Needs is a major within the Division of Education at Baldwin-Wallace College. The student seeking this major must complete the courses listed on the current Mild/Moderate Educational Needs "Model Program."

The student who qualifies for any license listed above in either Early Childhood Education, Adolescent Young Adult Education or Multi-Age Education also may complete a program in Mild/Moderate Educational Needs. The Middle Childhood, Adolescent Young Adult, and Multi-Age Education programs will require additional courses in order to add Mild/Moderate Educational Needs.

Each Intervention Specialist license candidate is required to complete a satisfactory student teaching experience.

Praxis II Test Results

According to information provided April 15, 2005, by the Ohio Department of Education, Baldwin-Wallace College education students met or exceeded statewide performance standards on all aggregated areas of the 2003-2004 Praxis II test. Those categories included:

Category	B-W Pass Rate	State Pass Rate
Professional Knowledge	94%	93%
Academic Content Areas (math, English, etc.)	96%	96%
Teaching Special Populations	97%	95%
Summary Pass Rates	95%	93%

A more detailed analysis of Praxis II performance by B-W students can be found on the Baldwin-Wallace College web page at www.bw.edu/academics/edu/hea.

State License Examination

The State Board of Education of Ohio requires the Praxis II Examinations for all candidates seeking licensure at any level - Early Childhood Education, Middle Childhood Education, Adolescent Young Adult Education, Multi-Age Education, and Mild/Moderate Educational Needs. The Praxis II examination consists of the Principles of Learning and Teaching Exam and the required Specialty Exam.

Candidates currently holding a license and seeking endorsement or validation will be tested only in the areas that they intend to add. Thus, candidates adding Reading or Mild/Moderate Educational Needs endorsement to their license must take the exam in that area. License+Master's candidates must take all the required exams for licensure and endorsements.

Candidates currently holding a license and seeking educational personnel license (e.g. administrator) will be tested in the specialty area.

A candidate for licensure may take any or all required exams as many times as needed, provided the candidate fulfills registration and fee requirements for each "retake."

Post-Baccalaureate Program (PB): Licensure Only

The Licensure Only program is designed for candidates who have already earned a Bachelor's degree, but do not have a teaching license through the state of Ohio. The Licensure Only program combines undergraduate education and content-area courses leading to an initial Ohio teaching license—but not a formal undergraduate or graduate education degree—in one of the following areas:

- Early Childhood Education (PK–3)
- Middle Childhood Education (4–9)
- Adolescent/Young-Adult Education (7–12)
- Multi-Age Education (K–12)
- Mild/Moderate Educational Needs (K–12)

Admission criteria: Official transcripts from all institutions attended. Cumulative GPA of 2.75. Application and three letters of reference. Contact the Evening/Weekend Admission Office for materials and details.

License+Master's Program

The License+Master's program is an alternative licensure program for a student with a degree and seeking a license. To be admitted to the License+Master's program candidates must hold a cumulative grade point average of 2.75 in the final 60 hours of their undergraduate degree. Candidates who hold an overall grade point average of less than 2.75 but greater than 2.6 will be required to take the Miller's Analogies Test to supplement their application.

As a general rule the Bachelor's degree from an accredited four-year institution of higher education fulfills the general education requirements. To obtain licensure the student must complete required undergraduate professional education courses, teaching field courses, student teaching, and some additional graduate courses which replace undergraduate professional education courses. All graduate courses in the MAEd program of study are required for licensure. License+Master's students who have not taken a psychology course will be required to take PSY 110. In addition, they will be required to take PSY 205.

Upon completion of all requirements the student earns a license in the specialty area, a Master's degree, and possible endorsement or licensure in the Master's specialization.

The following are the License+Master's programs available at Baldwin-Wallace College. Model Program Sheets delineating the requirements for each License+Master's program may be obtained in the Division of Education.

Early Childhood Education License with Reading Endorsement.
Early Childhood Education License with Mild/Moderate Educational Needs License.
Early Childhood Education License with Educational Technology Endorsement.
Middle Childhood Education with Reading Endorsement.
Middle Childhood Education with Mild/Moderate Educational Needs License.
Middle Childhood Education with Educational Technology Endorsement
Adolescent Young Adult Education/ Multi-Age License with Reading Endorsement
Adolescent Young Adult Education/ Multi-Age License with Mild/Moderate Educational Needs License.
Adolescent Young Adult Education/ Multi-Age License with Educational Technology Endorsement.
Intervention Specialist License- Mild/Moderate Educational Needs License.

Each of these programs is designed for the college graduate who wishes to pursue a course of study leading to licensure/endorsement in each of the above areas. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, plus licensure in any of the above areas. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Details concerning the License+Master's program may be obtained in the Division of Education Office.

Education

Course Descriptions

Early Childhood Education

EDU 101 INTRODUCTION TO EDUCATION AND TEACHING *Two credit hours*

This course will introduce the beginning student in professional education to teaching at the various levels and licensure areas. Students will explore the foundation of American education; emerging models of teaching; structural reforms; diversity of learners; multicultural education; and issues and trends affecting education in a diversified, technological and global world.

EDU 102 INTRODUCTORY FIELD EXPERIENCE *Zero credit hours*

Prerequisite: EDU 101

This experience is an introduction to teaching in primary, middle, or secondary grade classrooms. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 103D EDUCATION OF CHILDREN WITH SPECIAL NEEDS *Two credit hours*

Prerequisites: EDU 101, PSY 205

This is a survey course designed to introduce the students to characteristics of learners with special learning, physical and emotional needs. Public laws, court cases, teaching and accommodation strategies will be explored as they relate to trends in reaching students with disabilities, gifts and talents, and diverse cultural needs in both special education and inclusive K-12 settings. 15 hours of clinical/field experience required

EDU 104 TECHNOLOGIES FOR THE K-12 EDUCATOR *Three credit hours*

This course will emphasize the use of technologies in the curriculum; including, but not limited to, technology assessment and purchase, software evaluation, mastery of teaching resources (word-processing, spreadsheet, presentation, CD-ROM) instructional strategies, Internet access, electronic classroom training, access and free speech issues, and grant writing.

PSY 205 DEVELOPMENTAL PSYCHOLOGY *Three credit hours*

Prerequisite: PSY 110

A course designed to help the student gain knowledge of the sequence of human development from conception and birth through infancy, childhood, adolescence, adulthood and aging. The impact of biological and interpersonal factors in the growth and maturation of the individual is considered.

EDU 202 INTERMEDIATE FIELD EXPERIENCE *Zero credit hours*

This experience is an intensive, full-day experience in an early childhood, middle childhood, or adolescent setting. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 203 INTRODUCTION TO EARLY CHILDHOOD EDUCATION *Three credit hours*

Prerequisites: EDU 101, PSY 205.

This course is designed to provide students with an overview of early childhood education (ages 3-8). Attention will be given to the early childhood profession, its historical, philosophical, and social foundations and how they influence current thought and practice.

EDU 204 THE TEACHING OF PHONICS *Three credit hours*

Prerequisites: EDU 203

This course focuses on understanding and applying phonics rules as well as the role of phonics in reading instruction. Students will learn strategies to incorporate phonics in the teaching of reading.

EDU 335 SOCIAL STUDIES INSTRUCTION IN EARLY CHILDHOOD EDUCATION Two credit hours

Prerequisites: EDU 210. Must be taken concurrently: EDU 330, 336, 337.

Students will study methods, materials, and teaching strategies used in the social studies curriculum for children ages 3-8. 25 hours of clinical/field experience required.

EDU 336 SCIENCE INSTRUCTION IN EARLY CHILDHOOD EDUCATION Two credit hours

Must be taken concurrently: EDU 330, 335, 337.

This course is a study of the methods and materials used in the science/health curriculum for children ages 3-8. The course will emphasize the teachers role in establishing the experiential, conceptual, and attitudinal foundation that will prepare children for future science/health learning. 25 hours of clinical/field experience required.

EDU 337 MATHEMATICS INSTRUCTION IN EARLY CHILDHOOD EDUCATION Three credit hours

Must be taken concurrently: EDU 330, 335, 336.

Students will study the methods and materials applicable to teaching mathematics to children ages 3-8. A problem-solving approach will be emphasized. 25 hours of clinical/field experience required.

EDU 480 CLINICAL PRACTICE IN EARLY CHILDHOOD Ten credit hours

Prerequisites: EDU 337. Must be taken concurrently with EDU 488, 489.

This is a supervised program of observation, participation and classroom teaching experiences in an early childhood setting. Requests for student teaching assignments are limited to schools within a specified distance from Baldwin-Wallace College. Placements are made by the Division of Education, not the individual student.

EDU 488 SENIOR SEMINAR One credit hour

Must be taken concurrently with Clinical Practice.

Students will discuss student issues and trends affecting the teaching profession. Topics may include communication with parents, professional associations, legal and ethical issues.

EDU 489 MULTICULTURAL SEMINAR One credit hour

Must be taken concurrently with student teaching.

This course is designed to sensitize students to those cultural factors which influence education, develop an appreciation of cultural similarities and differences, create an awareness of the goals and methodologies of ethnic studies and multicultural education and develop skills in teaching the culturally different student.

Middle Childhood Education

EDU 101 INTRODUCTION TO EDUCATION AND TEACHING Two credit hours

This course will introduce the beginning student in professional education to teaching at the various levels and licensure areas. Students will explore the foundation of American education; emerging models of teaching; structural reforms; diversity of learners; multicultural education; and issues and trends affecting education in a diversified, technological and global world.

EDU 102 INTRODUCTORY FIELD EXPERIENCE Zero credit hours

This experience is an introduction to teaching in primary, middle, or secondary grade classrooms. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 103 EDUCATION OF CHILDREN WITH SPECIAL NEEDS Two credit hours

Prerequisites: EDU 101, PSY 205.

This is a survey course designed to introduce the students to characteristics of learners with special learning, physical and emotional needs. Public laws, court cases, teaching and accommodations strategies will be explored as they relate to trends in reaching students with

disabilities, gifts and talents, and diverse cultural needs in both special education and inclusive K-12 settings. 15 hours of clinical/field experience required

EDU 104 TECHNOLOGIES FOR THE K-12 EDUCATOR *Three credit hours*

This course will emphasize the use of technologies in the curriculum; including, but not limited to, technology assessment and purchase, software evaluation, mastery of teaching resources (word-processing, spreadsheet, presentation, CD-ROM) instructional strategies, Internet access, electronic classroom training, access and free speech issues, and grant writing.

EDU 201 TEACHING STRATEGIES AND MANAGEMENT SKILLS *Four credit hours*

Prerequisites: EDU 101, PSY 205

Students will study general strategies for teaching students ages 3 through 21. Areas to be included are: planning for instruction; questioning, probing, and reinforcement skills; classroom management theories and techniques; observational, clinical and peer teaching skills.

EDU 202 INTERMEDIATE FIELD EXPERIENCE *Zero credit hours*

This experience is an intensive, full-day experience in an early childhood, middle childhood, or adolescent setting. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 204 THE TEACHING OF PHONICS *Three credit hours*

Prerequisites: EDU 101, PSY 205.

This course focuses on understanding and applying phonics rules as well as the role of phonics in reading instruction. Students will learn strategies to incorporate phonics in the teaching of reading.

EDU 205 INTRODUCTION TO MIDDLE CHILDHOOD EDUCATION *Three credit hours*

Prerequisites: EDU 103

The students will study the philosophy, curriculum organization, and goals of middle childhood education. The nature of emerging adolescent learners and teaching methodologies unique to this population will be emphasized.

EDU 334 DIAGNOSTIC AND REMEDIAL READING METHODS *Three credit hours*

Prerequisites: EDU 205, 343

Students will study diagnostic and remedial techniques for teaching reading to students who are experiencing difficulty in reading. This course is designed for students preparing to teach in early childhood, middle childhood, and mild/moderate intervention settings.

EDU 340 ASSESSMENT OF TEACHING AND LEARNING *Two credit hours*

Prerequisites: EDU 201, 205. Must be taken concurrently with EDU 348.

Students will study elements of measurement, evaluation, effective teaching, and student achievement in diverse settings. The course will emphasize: evaluation methods, grading systems, standardized and teacher-made tests and their interpretation, as well as formal and informal assessment methods. 25 hours of clinical/field experience hours required

EDU 341 ADOLESCENT/YOUNG ADULT LITERATURE *Two credit hours*

Prerequisites: EDU 201, 205. Must be taken concurrently with EDU 343.

This course is a survey of literature appropriate for use in the classroom for students ages 8-14. Included is the study of many genres of literature, as well as strategies for using literature across the curriculum. 25 hours of clinical/field experience required.

EDU 342 INTEGRATED CURRICULUM FOR INTERVENTION SPECIALISTS *Three credit hours*

Prerequisites: EDU 201. May be taken concurrently with EDU 340. Only required for Middle Childhood, Adolescent Young Adult or Multi-Age Education students who add Mild/Moderate Educational Needs to their license.

This course is designed to give an understanding of the elementary curriculum to students with middle childhood, adolescent, or multi-age licenses who are seeking the Intervention Specialist

license in Mild/Moderate Educational Needs. Integrated content methods and accommodations in reading/language arts, math, science/health, and social studies will be explored.

EDU 343 READING INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION Three credit hours

Prerequisites: EDU 201, 205. Must be taken concurrently with EDU 341.

Students will study the techniques, materials, and philosophical approaches to reading instruction for students ages 8-14. Included are topics such as: reading comprehension, word identification, reading in the content areas, integrating literacy instruction across the curriculum, using literature to teach reading, assessment and teaching reading in diverse classrooms. 25 hours of clinical/field experience required.

EDU 345 SOCIAL STUDIES INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION Two credit hours

Prerequisites: EDU 201, 205

Students will study materials and teaching strategies applied to the social studies curriculum for students ages 8-14. 25 hours of clinical/field experience required.

EDU 346 SCIENCE/HEALTH INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION Two credit hours

Prerequisites: EDU 201, 205

Students will study the methods and materials used in the science/health curriculum for students ages 8-14. 25 hours of clinical/field experience required.

EDU 347 MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION Three credit hours

Prerequisites: EDU 201, 205

Students will study the materials and teaching techniques applicable to teaching mathematics to students ages 8-14. A problem-solving approach will be emphasized. 25 hours of clinical/field experience required

EDU 348 READING IN THE CONTENT AREA Three credit hours

Prerequisites: EDU 201, 205. Must be taken with EDU 340.

This course is a study of strategies for teaching reading in the content areas. It is required for students planning to teach at the secondary level. 25 hours of clinical/field experience required

EDU 481 CLINICAL EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION Ten credit hours

Prerequisites: Teaching field courses. Must be taken concurrently with EDU 488, 489.

This is a supervised program of observation, participation and classroom teaching experiences in two chosen subject areas in a middle childhood setting. Requests for student teaching assignments are limited to schools within a specified distance from Baldwin-Wallace College.

EDU 488 SENIOR SEMINAR One credit hour

Must be taken concurrently with Clinical Practice and EDU 489.

Students will discuss student issues and trends affecting the teaching profession. Topics may include communication with parents, professional associations, legal issues.

EDU 489 MULTICULTURAL SEMINAR One credit hour

Must be taken concurrently with Clinical Practice and EDU 488.

This course is designed to sensitize students to those cultural factors which influence education, develop an appreciation of cultural similarities and differences, create an awareness of the goals and methodologies of ethnic studies and multicultural education and develop skills in teaching the culturally different student.

Adolescent Young Adult/Multi-age Education

EDU 101 INTRODUCTION TO EDUCATION AND TEACHING *Two credit hours*

This course will introduce the beginning student in professional education to teaching at the various levels and licensure areas. Students will explore the foundation of American education; emerging models of teaching; structural reforms; diversity of learners; multicultural education; and issues and trends affecting education in a diversified, technological and global world.

EDU 102 INTRODUCTORY FIELD EXPERIENCE *Zero credit hours*

This experience is an introduction to teaching in primary, middle, or secondary grade classrooms. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 103 EDUCATION OF CHILDREN WITH SPECIAL NEEDS *Two credit hours*

Prerequisites: EDU 101 PSY 205

This is a survey course designed to introduce the students to characteristics of learners with special learning, physical and emotional needs. Public laws, court cases, teaching and accommodations strategies will be explored as they relate to trends in reaching students with disabilities, gifts and talents, and diverse cultural needs in both special education and inclusive K-12 settings. 15 hours of clinical/field experience required.

EDU 104 TECHNOLOGIES FOR THE K-12 EDUCATOR *Three credit hours*

This course will emphasize the use of technologies in the curriculum; including, but not limited to, technology assessment and purchase, software evaluation, mastery of teaching resources (word-processing, spreadsheet, presentation, CD-ROM) instructional strategies, Internet access, electronic classroom training, access and free speech issues, and grant writing.

EDU 201 TEACHING STRATEGIES AND MANAGEMENT SKILLS *Four credit hours*

Prerequisites: EDU 101, PSY 205

Students will study general strategies for teaching students ages 3 through 21. Areas to be included are: planning for instruction; questioning, probing, and reinforcement skills; classroom management theories and techniques; observational, clinical and peer teaching skills.

EDU 202 INTERMEDIATE FIELD EXPERIENCE *Zero credit hours*

This experience is an intensive, full-day experience in an early childhood, middle childhood, or adolescent setting. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 206 INTRODUCTION TO ADOLESCENT EDUCATION *Two credit hours*

Prerequisites: EDU 103

This course is an overview of adolescent education for students ages 12 through 21. Current issues confronting the secondary school will be addressed.

EDU 340 ASSESSMENT OF TEACHING AND LEARNING *Two credit hours*

Prerequisites: EDU 206. Must be taken concurrently with EDU 348.

Students will study elements of measurement, evaluation, effective teaching, and student achievement in diverse settings. The course will emphasize: evaluation methods, grading systems, standardized and teacher-made tests and their interpretation, as well as formal and informal assessment methods. 25 hours of clinical/field experience required.

EDU 342 INTEGRATED CURRICULUM FOR INTERVENTION SPECIALISTS *Three credit hours*

Prerequisites: EDU 201. Must be taken concurrently: EDU 340. Only required for Middle Childhood, Adolescent Young Adult or Multi-Age Education students who add Mild/Moderate Educational Needs to their license.

This course is designed to give an understanding of the elementary curriculum to students with middle childhood, adolescent, or multi-age licenses who are seeking the Intervention Specialist license in Mild/Moderate Educational Needs. Integrated content methods and accommodations in reading/language arts, math, science/health, and social studies will be explored.

EDU 348 READING IN THE CONTENT AREA**Three credit hours***Prerequisites: EDU 206. Must be taken concurrently with EDU 340.*

This course is a study of strategies for teaching reading in the content areas. It is required for students planning to teach at the secondary level. 25 hours of clinical/field experience required.

EDU 350 SPECIAL METHODS IN ADOLESCENT YOUNG ADULT/MULTI-AGE TEACHING FIELD**Three/Four credit hours***Prerequisites: EDU 348*

This course is designed to provide a special teaching methodology in the student's teaching field. In-school experiences are required as part of the course. 75 hours clinical/field experience required.

EDU 487 CLINICAL PRACTICE, ADOLESCENT YOUNG ADULT**Ten credit hours***Prerequisites: EDU 350. Must be taken concurrently with EDU 488, 489.*

This is a supervised program of observation, participation and classroom teaching experiences in a secondary school. Requests for student teaching assignments are limited to schools within a specified distance from Baldwin-Wallace College. Placements are made by the Division of Education, not by the individual student.

OR**EDU 490 CLINICAL PRACTICE, MULTI-AGE EDUCATION****Ten credit hours***Prerequisites: EDU 350. Must be taken concurrently with EDU 488, 489.*

This is a supervised program of observation, participation and classroom teaching experiences in elementary, middle and/or secondary schools. Requests for student teaching assignments are limited to schools within a specified distance from Baldwin-Wallace College. Placements are made by the Division of Education, not by the individual student.

EDU 488 SENIOR SEMINAR**One credit hour***Must be taken concurrently with EDU 487 or 490, 489.*

Students will discuss student issues and trends affecting the teaching profession. Topics may include communication with parents, professional associations, legal and ethical issues.

EDU 489 MULTICULTURAL SEMINAR**One credit hour***Must be taken concurrently with EDU 487 or 490, 488.*

This course is designed to sensitize students to those cultural factors which influence education, develop an appreciation of cultural similarities and differences, create an awareness of the goals and methodologies of ethnic studies and multicultural education and develop skills in teaching the culturally different student.

Mild/Moderate Educational Needs**EDU 101 INTRODUCTION TO EDUCATION AND TEACHING****Two credit hours**

This course will introduce the beginning student in professional education to teaching at the various levels and licensure areas. Students will explore the foundation of American education; emerging models of teaching; structural reforms; diversity of learners; multicultural education; and issues and trends affecting education in a diversified, technological and global world.

EDU 102 INTRODUCTORY FIELD EXPERIENCE**Zero credit hours**

This experience is an introduction to teaching in primary, middle, or secondary grade classrooms. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 103 EDUCATION OF CHILDREN WITH SPECIAL NEEDS**Two credit hours***Prerequisites: EDU 101, PSY 205*

This is a survey course designed to introduce the students to characteristics of learners with special learning, physical and emotional needs. Public laws, court cases, teaching and accommodations strategies will be explored as they relate to trends in reaching students with disabilities, gifts and talents, and diverse cultural needs in both special education and inclusive K-12 settings. 15 hours of clinical/field experience hours required

EDU 104 TECHNOLOGIES FOR THE K-12 EDUCATOR **Three credit hours**

This course will emphasize the use of technologies in the curriculum; including, but not limited to, technology assessment and purchase, software evaluation, mastery of teaching resources (word-processing, spreadsheet, presentation, CD-ROM) instructional strategies, Internet access, electronic classroom training, access and free speech issues, and grant writing.

EDU 201 TEACHING STRATEGIES AND MANAGEMENT SKILLS **Four credit hours**

Prerequisites: EDU 101, PSY 205

Students will study general strategies for teaching students ages 3 through 21. Areas to be included are: planning for instruction; questioning, probing, and reinforcement skills; classroom management theories and techniques; observational, clinical and peer teaching skills.

EDU 202 INTERMEDIATE FIELD EXPERIENCE **Zero credit hours**

This experience is an intensive, full-day experience in an early childhood, middle childhood, or adolescent setting. Minimum time: 30 hours in an academic setting pre-approved by the Division of Education.

EDU 204 THE TEACHING OF PHONICS **Three credit hours**

Prerequisites: EDU 101, PSY 205.

This course focuses on understanding and applying phonics rules as well as the role of phonics in reading instruction. Students will learn strategies to incorporate phonics in the teaching of reading.

EDU 331 LITERATURE IN EARLY CHILDHOOD EDUCATION **Two credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 332, 333.

Students will survey children's literature appropriate for use in early childhood classrooms. This will include the study of various genres of children's literature, as well as strategies for using literature across the curriculum. 25 hours of clinical/field experience required.

EDU 332 LITERACY INSTRUCTION IN EARLY CHILDHOOD EDUCATION **Three credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 331, 333.

Students will study techniques, materials, and philosophical approaches to language arts instruction in the early childhood classroom (ages 3-8). Topics include reading, written expression, oral language, and handwriting. 25 hours of clinical/field experience required.

EDU 333 READING INSTRUCTION IN EARLY CHILDHOOD EDUCATION **Three credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 331, 332.

Students will study the techniques, materials, and philosophical approaches to literacy instruction for children ages 3-8. This will include topics such as: approaches to reading instruction, emergent reading and writing, using literature, reading comprehension, word identification, vocabulary, home-school partnerships, assessment, and teaching reading in diverse classrooms. 25 hours of clinical/field experience required.

EDU 334 DIAGNOSTIC AND REMEDIAL READING METHODS **Three credit hours**

Prerequisites: EDU 333.

Students will study diagnostic and remedial techniques for teaching learners who are experiencing difficulty in reading. This course is designed for students preparing to teach in early childhood, middle childhood, and mild/moderate educational needs settings.

EDU 340 ASSESSMENT OF TEACHING AND LEARNING **Two credit hours**

Prerequisites: EDU 333. Must be taken concurrently with EDU 345, 346, 347

Students will study elements of measurement, evaluation, effective teaching, and student achievement in diverse settings. The course will emphasize: evaluation methods, grading systems, standardized and teacher-made tests and their interpretation, as well as formal and informal assessment methods. 25 hours of clinical/field experience required.

EDU 341 ADOLESCENT/YOUNG ADULT LITERATURE **Two credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 343

This course is a survey of literature appropriate for use in the classroom for students ages 8-14. Included is the study of many genres of literature, as well as strategies for using literature across the curriculum. 25 hours of clinical/field experience required.

EDU 343 READING INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION **Three credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 341

Students will study the techniques, materials, and philosophical approaches to reading instruction for students ages 8-14. Included are topics such as: reading comprehension, word identification, reading in the content areas, integrating literacy instruction across the curriculum, using literature to teach reading, assessment and teaching reading in diverse classrooms. 25 hours of clinical/field experience required.

EDU 345 SOCIAL STUDIES INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION **Two credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 346, 347.

Students will study materials and teaching strategies applied to the social studies curriculum for students ages 8-14. 25 hours of clinical/field experience required.

EDU 346 SCIENCE/HEALTH INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION **Two credit hours**

Prerequisites: EDU 204. Must be taken concurrently with EDU 345, 347.

Students will study the methods and materials used in the science/health curriculum for students ages 8-14. 25 hours of clinical/field experience required.

EDU 347 MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD EDUCATION **Three credit hours**

Prerequisites: EDU 204. May be taken concurrently with EDU 345, 346.

Students will study the materials and teaching techniques applicable to teaching mathematics to students ages 8-14. A problem-solving approach will be emphasized. 25 hours of clinical/field experience required.

EDU 474 INTRODUCTION TO STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS **Three credit hours**

Prerequisites: EDU 204. May be taken concurrently: EDU 476

This course is a study of historical and current definition, characteristics, and needs of students with Mild/Moderate Educational Needs (ages 5-21), and how they change through the lifespan. Focus will be on academic, behavioral, and social assessment and interventions based on current research and inclusive, co-teaching models. 20 hours clinical/field experience required.

EDU 476 BEHAVIOR MANAGEMENT FOR STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS **Two credit hours**

Prerequisites: EDU 474

This course is a study of classroom management approaches for learners ages 5-21, including behaviorist, psychodynamic, environmental, and biophysical models with their legal and ethical implications. Baseline data collection, token economies, contracts and certificates, group processes, medical interventions, and classroom arrangements are discussed. 5 hours of field experience and 10 hours of clinical experience required.

EDU 477 ASSESSMENT AND REMEDIATION STRATEGIES FOR STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS **Three credit hours**

Prerequisites: EDU 474

This course is a study of the use of formal and informal diagnostic instruments used for planning individual instruction for students with mild/moderate educational needs. Remedial and compensatory strategies used to teach these individuals (ages 5-21) are also examined. 25 hours clinical/field experience required.

**EDU 484 CLINICAL PRACTICE IN MILD/MODERATE
EDUCATIONAL NEEDS**

Ten credit hours

Prerequisites: EDU 476, 477. Must be taken concurrently with EDU 488 and 489.

This is a period of guided teaching of students with mild/moderate educational needs under the direction of a certificated/licensed special educator. Requests for student teaching assignments are limited to schools within a specified distance from Baldwin- Wallace College. Placements are made by the Division of Education, not by the individual student.

EDU 488 SENIOR SEMINAR

One credit hour

Must be taken concurrently with EDU 484 and 489.

Students will discuss student issues and trends affecting the profession. Topics include, but are not limited to, communication with parents, professional associations, and legal issues.

EDU 489 MULTICULTURAL SEMINAR

One credit hour

Must be taken concurrently with EDU 484 and 488.

This course is designed to sensitize students to those cultural factors which influence education, develop an appreciation of cultural similarities and differences, create an awareness of the goals and methodologies of ethnic studies and multicultural education and develop skills in teaching the culturally different student.

ENGLISH

The curriculum in English offers study in several areas. Interested students may take courses designed to improve their understanding of and skills in essay writing, creative writing, and journalistic writing. Courses in literature offer students the opportunity to learn to read perceptively in the various genres and to study American, British, and World literatures in an historical context. Courses in language explore the nature of language, its role in society, and the history and current state of English. The major provides useful preparation for graduate school in English, for professional school in law, and for careers in public relations, education, advertising, publishing, and journalism.

English Major

Computer Code: ENGL

Minimum credits required (5 categories): 41-43 (plus prerequisites as indicated)

(* = Prerequisite Required) (+ = test placement or prerequisite)

I. Introductions to literary analysis and interpretation- Six credits (all of the following)

ENG	126F	Introduction to Fiction	2 credits
ENG	127F	Introduction to Poetry	2 credits
ENG	128F	Introduction to Drama	2 credits

II. Studies in the literary traditions- Eight credits (two of the following)

ENG	241IF	Survey of British Literature I	4 credits
ENG	242IF	Survey of British Literature II	4 credits
ENG	250FD	Survey of American Literature	4 credits
ENG	280IF	Survey of World Literature	4 credits

III. Advanced studies in English- Eighteen-Twenty credits (five of the following)+

ENG	316(I,D)	Studies in Literary History	4 credits*
ENG	328(I,D)	Studies in Major Authors	4 credits*
ENG	335I	Studies in World Literature	4 credits*
ENG	336(I,D)	Studies in Genres, Themes, or Modes	4 credits*
ENG	463(I,D)	Seminar	4 credits*

ENG 316(I,D), 328(I,D), 335I, 336(I,D), and 463(I,D) are not individual courses; they are inclusive categories of courses. For example, there is no course called ENG 328 Major Authors. Rather, there is ENG 328I Chaucer, ENG 328I Shakespeare, etc.

Also, students are not required to take a course in each 300-level category. Any combination of courses with the numbers 316(I,D), 328(I,D), 335I, 366(I,D), 463(I,D) satisfies the "Advanced Studies" requirement.

+ Students who have 6 hours of the ENG 131, 232 (formerly 132), 233F (formerly 133F) sequence may count ENG 305, 306, 307 toward the 18-20 hours required in this section.

IV. Writing- Six credits (two of the following)

ENG	131	Workshop in Exposition and Argument	3 credits+
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Required of all majors except those who have been exempted from the core curriculum writing requirement. English majors who have been exempted from ENG 131 must take ENG 305 plus another writing class from those listed below to satisfy the writing course requirement for the major.

Choose one additional course from the following (3 credits)

ENG	232 (formerly 132)	Workshop in Journalism	3 credits*
ENG	233F (formerly 133F)	Workshop in Creative Writing	3 credits*
ENG	305	Advanced Expository and Argumentative Writing	3 credits*
ENG	306	Advanced Journalism	3 credits*
ENG	307	Advanced Creative Writing	3 credits*

Students planning graduate study are advised to take at least three hours in advanced writing.

V. Language- 3 credits

ENG	210	Introduction to the Study of Language	3 credits
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English Minor in Writing

The English minor in writing must take a minimum of six courses in English including five of the following for a total of 17 credits. ENG 233F (formerly 133F) Poetry and ENG 233F (formerly 133F) Fiction can count as two of the five courses.

ENG	131	Workshop in Exposition and Argument	3 credits+
ENG	232 (formerly 132)	Workshop in Journalism	3 credits*
ENG	233F (formerly 133F)	Workshop in Creative Writing	3 credits*
ENG	210	Introduction to the Study of Language	3 credits
ENG	305	Advanced Expository and Argumentative Writing	3 credits+
ENG	306	Advanced Journalism	3 credits*
ENG	307	Advanced Creative Writing	3 credits*

English Minor in Literature

The English minor in literature must take a minimum of 18 credits in English including:

Six credits (three of the following)

ENG 126F	Introduction to Fiction	2 credits
ENG 127F	Introduction to Poetry	2 credits
ENG 128F	Introduction to Drama	2 credits
ENG 129F(I)	Introduction to Literature: Open Topic	2 credits

Four credits (one of the following)

ENG 241IF	Survey of British Literature I	4 credits
ENG 242IF	Survey of British Literature II	4 credits
ENG 250FD	Survey of American Literature	4 credits
ENG 280IF	Survey of World Literature	4 credits

Eight credits (two of the following)

Two literature courses at the 300, 400 level*

English Education

These requirements are explained under Division of Education. Students who wish to teach English in Ohio schools should check with the Division of Education for further explanation of these requirements.

English Course Descriptions

Lower-level courses

ENG 050 INDEPENDENT STUDY

One to four credit hours

See [Independent Study Program, Section II](#).

ENG 070 INTERNSHIP

Credit hours to be arranged

See [Internship, Section II](#).

ENG 111 COLLEGE COMPOSITION

Three credit hours

A first course in college-level writing, emphasizing such fundamentals as clarity, coherence, organization, grammatical and mechanical correctness, logic, as well as good content. Core requirement; should be taken in the first year, preferably in the first semester.

ENG 126F INTRODUCTION TO FICTION

Two credit hours

Readings in the short story and/or novel. The aim of the course is to provide an understanding and appreciation of significant works of fiction. The course will require discussion and writing about the works read. Usually the course will be taught in the 8-week minimester format.

ENG 127F INTRODUCTION TO POETRY **Two credit hours**

Readings in poetry. The aim of the course is to provide an understanding and appreciation of significant works of poetry. The course will require discussion and writing about the poems read. Usually the course will be taught in the 8-week minimester format.

ENG 128F INTRODUCTION TO DRAMA **Two credit hours**

Readings of selected plays. The aim of the course is to provide an understanding and appreciation of significant works of drama. The course will require discussion and writing about the plays read. Usually the course will be taught in the 8-week minimester format.

ENG 129F(I) INTRODUCTION TO LITERATURE: OPEN TOPIC **Two credit hours**

This course can count toward the core fine arts requirement but may not substitute for the ENG 126F, 127F, 128F requirement for the English major.

ENG 131 WORKSHOP IN EXPOSITION AND ARGUMENT **Three credit hours**

Prerequisite: ENG 111 or placement.

Assignments in writing expository and argumentative prose with particular emphasis on content development. Core requirement; should be taken in the first year, preferably by the second semester.

ENG 210 INTRODUCTION TO THE STUDY OF LANGUAGE **Three credit hours**

An introduction to linguistics focusing on the nature of language; its role in human society; its acquisition in childhood and its development; and the sounds, forms, and structures of English from Anglo-Saxon times to the present, with emphasis on current American English and its regional, social, ethnic, and gender variations. No previous work in linguistics is necessary. Required of all English majors.

ENG 232 WORKSHOP IN JOURNALISM **Three credit hours**
(formerly 132)

Prerequisite: Students must have completed the college writing requirement (ENG 131, or exemption) before enrolling in ENG 232.

Assignments in writing news and features, with emphasis on improving general writing skills, and understanding news values and the functions of journalism in our society.

ENG 233F WORKSHOP IN CREATIVE WRITING **Three credit hours**
(formerly 133F)

Prerequisite: Students must have completed the college writing requirement (ENG 131, or exemption) plus ENG 126F for ENG 233F (formerly 133F)-Fiction or ENG 127F for ENG 233F (formerly 133F)-Poetry, or permission of the instructor.

Assignments in writing poetry or fiction. Students who have taken ENG 233F (formerly 133F)-Fiction may also take ENG 233F (formerly 133F)-Poetry for credit and vice versa.

ENG 241IF SURVEY OF BRITISH LITERATURE I **Four credit hours**

A study of selected major British works from the Anglo-Saxon times to 1798, read in their historical contexts.

ENG 242IF SURVEY OF BRITISH LITERATURE II **Four credit hours**

A study of selected major British works from 1798 to the twentieth century, read in their historical contexts.

ENG 250FD SURVEY OF AMERICAN LITERATURE **Four credit hours**

A study of selected works that represent American literature from colonial times through the mid-twentieth century, read in their historical contexts.

ENG 263IF SEMINAR **Two to four credit hours**

Varied topics oriented to the non-major.

ENG 280IF SURVEY OF WORLD LITERATURE *Four credit hours*

A study of selected classics that represent the growth and development of world literature from Ancient to Early Modern Times, read in their historical contexts. Varied topics.

Advanced Courses

The advanced courses listed below provide approaches to literature and language from a variety of significant viewpoints. They are intended primarily for majors and non-majors who have had courses in the 100 and 200 series. Students may enroll for advanced courses in literature only if they have had six hours of literature (ENG 126F, 127F, 128F, or one of the former and one of ENG 241IF, 242IF, 250F, 280IF, or the equivalent in transferred credits). Since the topics change from term to term, the courses may be repeated for credit.

ENG 305 WORKSHOP IN ADVANCED EXPOSITORY AND ARGUMENTATIVE WRITING *Three credit hours*

Prerequisite: ENG 131 or exemption

An advanced course in expository and argumentative prose for students who have successfully completed ENG 131.

ENG 306 ADVANCED JOURNALISM *Three credit hours*

Prerequisite: ENG 232 (formerly 132)

A study of different approaches and styles of journalistic writing in publications with a national distribution, with a focus on helping students to improve their own writing styles.

ENG 307 ADVANCED CREATIVE WRITING *Three credit hours*

Prerequisite: ENG 233F (formerly 133F)

Individualized and comprehensive assignments in a specialized form such as the short story, the poem or the play. May be repeated for credit in a different genre.

ENG 316(I,D) STUDIES IN LITERARY HISTORY *Four credit hours*

Prerequisite: Six hours of literature (ENG 126F, 127F, 128F, or one of the former and one of ENG 241IF, 242IF, 250F, 280IF, or the equivalent in transferred credits).

Courses offered under this number are designed to provide advanced study of specific periods in the history of British or American literature.

ENG 328(I,D) STUDIES OF MAJOR AUTHORS *Four credit hours*

Prerequisite: Six hours of literature (ENG 126F, 127F, 128F, or one of the former and one of ENG 241IF, 242IF, 250F, 280IF, or the equivalent in transferred credits).

Courses offered under this number concentrate on the work of a single major writer or of a small group of closely-allied writers.

ENG 335I STUDIES IN WORLD LITERATURE *Four credit hours*

Prerequisite: Six hours of literature (ENG 126F, 127F, 128F, or one of the former and one of ENG 241IF, 242IF, 250F, 280IF, or the equivalent in transferred credits).

A study of selected works in translation from the great literatures of the world.

ENG 336(I,D) STUDIES IN SPECIFIC GENRES, THEMES OR MODES *Four credit hours*

Prerequisite: Six hours of literature (ENG 126F, 127F, 128F, or one of the former and one of ENG 241IF, 242IF, 250F, 280IF, or the equivalent in transferred credits).

Courses offered under this number offer intensive study of the development of a single genre, such as the epic, novel or biography; or of a particular literary mode, such as satire or tragedy; or of a recurring theme as it can be traced in various eras and cultures.

EDU 350 SPECIAL METHODS FOR INTEGRATED LANGUAGE ARTS, ADOLESCENT/ MULTI-AGE TEACHERS *Four credit hours*

The Division of Education offers a special section of EDU 350 through the English Department for students seeking licensure in English. Students enrolled in this section are required to enroll simultaneously in ENG 351, Research Methods for Teaching Integrated Language Arts,

Adolescent and Young Adult (two credit hours) offered by the English Department. (See English Department website at www.bw.edu.)

ENG 351 RESEARCH METHODS FOR TEACHING INTEGRATED LANGUAGE ARTS, ADOLESCENT AND YOUNG ADULT *Two credit hours*

Provides methodologies for researching literary texts, that is, how to identify and find criticism of those considered expert on a text, author, or period. Practice includes a research project, incorporation of research into the unit for methods, and incorporation of research into the methods field experience lesson plans. Must be taken concurrently with EDU 350, Special Methods for Integrated Language Arts, Adolescent/Multi-Age Teachers.

ENG 463(I,D) SEMINAR *Four credit hours*

Prerequisite: Written consent of the instructor.

Varied topics. May be counted toward "Advanced Studies in English" requirement.

ENG 491,492 DEPARTMENTAL THESIS/PROJECT (I,D) *Credit hours to be arranged*

See [Departmental Thesis/Project, Section II](#)

ENVIRONMENTAL STUDIES MINOR

The primary goal of the Environmental Studies Minor at Baldwin-Wallace College is to provide students with an interdisciplinary perspective of the relationship between humans and their environment. The minor combines coursework and practical experience. Students explore connections among the natural sciences, the social sciences and the humanities as they investigate the context in which environmental problems emerge. Completion of the minor should heighten the students' ability to contribute to the creation of sustainable human societies. The minor is especially recommended for students interested in pursuing careers or graduate work in environmentally related fields.

All students must earn a minimum of 18 semester hours distributed among the following requirements to complete the minor:

- Completion of Humans and the Earth, preferably in the freshman year--Three credits
For a course description, see ECN 150 under Economics.
- Completion of a capstone experience. This may consist of a senior seminar or an internship. Either option would be worth three credit hours.

The seminar would allow students to do in-depth research on a particular environmental problem. Presumably the research would culminate in a written report. Seminars would be organized by faculty with specific environmental interests.

Internships would allow students to gain practical work experience with an organization or business that regularly deals with environmental issues. Each internship must be approved by the Environmental Minor Committee and must involve a minimum of one semester's work equivalent to the work involved in a three credit hour course. Methods for evaluating the internship must be established through collaboration of the student, the Environmental Minor Committee, and the organization/business that provides the internship.

- A student wishing to declare an Environmental Studies Minor must meet with the director of the Environment Studies Minor, preferably no later than the end of the student's sophomore year to develop a plan for completing the minor's requirements. If the student intends to complete an internship, the plan should include a timetable for submitting an internship proposal to the Environmental Studies Committee and then carrying out the work for the internship.
- **Additional Coursework requirements--** In addition to the requirements described above, each student will be expected to complete a minimum of **six credits** of coursework in the natural sciences and **six credits** of coursework in the social sciences/humanities/business. The student must choose from among the following courses to satisfy these coursework requirements:

Natural Sciences

BIO	111L	Field Biology	4 credits
BIO	313	Ecology	4 credits*
BIO	334	Invertebrate Zoology	4 credits*
+CHM	200I	Science	3-4 credits
GEO	111L	The Dynamic Earth	4 credits
GEO	121I	Physical Geography	4 credits
PHY	102	Energy and the Future	3 credits

Social Sciences/Humanities

ECN	358	Environmental Economics	3 credits*
ECN	362I	Economics of Developing Countries	3 credits*
POL	205	Environmental Politics	3 credits
SOC	181I	Cultural Anthropology	3 credits
+REL	104I	Concentration in Religion	2 credits
BUS	250	Green Business	3 credits

(* = Prerequisite)

+Topic must be approved by Environmental Studies Committee

FOREIGN LANGUAGES AND LITERATURES

Why take a foreign language at college?

Language classes are an excellent opportunity to enhance your studies at college. Many people have found the developing those skills which you began in high school can help smooth the transition to college. Studying a language can also help you develop into a better all-around student. Foreign language study is the key to intercultural knowledge because you learn much about the traditions, customs and values of the cultures where the language is spoken. Once you know one foreign culture better, you will have a new perspective from which to understand and appreciate many other cultures. In addition, you will also learn a great deal about the structure of your own language and the values of your own culture.

Your potential career opportunities also offer a very practical reason for learning a foreign language, because the knowledge of a foreign language in connection with other college training can set you apart from monolingual job candidates.

Many students have discovered that it is not difficult to combine foreign language learning with other areas of study. For example, you need only two courses in the same language to fulfill the International Studies core requirement, and literature classes in any foreign language satisfy the Humanities Fine Arts core requirements. It is common for students to double major or minor in a foreign language and another field of interest. A minor in German, French or Spanish is only a commitment of 17-18 hours above the 100-level. A significant number of B-W students with various majors also study abroad each year.

Placement in Foreign Language Classes

Many students have questions about which course is the most appropriate entry point into the study of a foreign language. To insure success, it is important that students choose the proper level. Choosing a level too high can create frustration, but a level too low can cause you to lose interest quickly. The following guidelines should be of help.

When you are deciding among the entry-level courses, 101, 102 and 201, the factors to consider are: 1) the amount of previous experience with the language; 2) the quality of the previous experience; 3) the amount of time which has elapsed since you last studied the language; and 4) your placement test score.

All students beginning Spanish, French or German at Baldwin-Wallace College who have not taken the foreign language placement exam before enrolling will be asked by their language teachers to take the test at the beginning of the first week of classes.

101 is meant for true beginners and is most appropriate for students who have had no previous knowledge of the language. Students with up to 2 years of high school instruction may take this course, if their preparation is not sufficient to take 102 or 201. If other factors such as those listed above make you feel that you need to take 101, despite having had more than two years of previous experience, you should take the placement exam and contact the Department of Foreign Languages and Literatures for advice.

102 is most appropriate for students who have previous knowledge of the language such as that equivalent to the catalog course description of 101, but who still need an introduction to the topics listed in the catalog description of 102.

201 is most appropriate for students who have been introduced to and have some understanding of the basic grammar, but who now need to review and refine what they know. Typically, students with 3 or more years of high school instruction and those who have completed the 102 level enroll

in 201. This course builds upon the foundation laid in the 101-102 sequence by providing an expansion of the 4 skills of reading, writing, speaking and listening.

During the first week of classes you should speak to your instructor if you feel you are not placed in the most appropriate course. Students who seek initial placement in foreign language courses at the 202 level and above must get special permission from the professor in the Department who is responsible for that language.

French Major

Computer Code: FRNH

Courses in French are designed to aid in the preparation of students for effective participation as citizens of the world community. The program is structured to develop skill in the use of the French language, to afford a broad knowledge of French literature and civilization, and to nurture discriminating taste in that literature and the related arts.

Major students must complete a minimum of 34 credits beyond the 100-level courses. Certification to teach French is possible for students who also complete applicable requirements of the Division of Education. Education majors planning to teach French are required to spend at least one academic semester or a total of 15 weeks abroad studying the language for which they seek licensure. Although we suggest spending the entire time in one extended visit, students may combine visits to reach the total as long as one visit is a minimum of eight weeks long. The program and projected plan of study should be approved by the student's academic advisor in the Department of Foreign Languages prior to enrolling in the program.

Minimum credits required: 34

Required courses (* = Prerequisite Required)

FRN	201	Intermediate French I	4 credits*
FRN	202	Intermediate French II	4 credits*
FRN	221I	French Conversation	3 credits*
FRN	275IF	Introduction to French Literature	4 credits*
FRN	310I	French Civilization I	3 credits*
FRN	311I	French Civilization II	3 credits*
FRN	335I	Advanced Grammar and Composition	4 credits*
HUM	285I	Introduction to Intercultural Communication	3 credits

At least 6 hours from the following literature courses must be successfully completed:

FRN	263	Seminar (When the topic is literature.)	3 credits*
FRN	375IF	Survey of French Literature I	3 credits*
FRN	376IF	Survey of French Literature II	3 credits*
FRN	463	Special Topics Seminar	3 credits*

The seminars 263 and 463 can be substituted for required classes according to the topic. Substitutions require departmental approval.

French Minor

Students wishing to minor in French must complete a minimum of 18 credits beyond the 100-level courses, including FRN 201 and 202 (or Advanced Placement), FRN 221I, FRN 275IF and at least one course at the 300 level.

Education Majors Planning to Teach in Foreign Languages are required to spend at least one academic semester or a total of 15 weeks abroad studying the language for which they seek licensure. Although we suggest spending the entire time in one extended visit, students may combine visits to reach the total as long as one visit is a minimum of eight weeks long. The program and projected plan of study should be approved by the student's academic advisor in the Department of Foreign Languages prior to enrolling in the program.

German Major

Computer Code: GERM

German courses are aimed at developing skills in the use of the German language, an appreciation of the literature of German-speaking countries, and an acquaintance with the cultures of these countries. Students majoring in German must complete a minimum of 33 semester hours beyond the 100-level courses. Certification to teach German is possible for students who also complete applicable requirements of the Division of Education. Education majors planning to teach German are required to spend at least one academic semester or a total of 15 weeks abroad studying the language for which they seek licensure. Although we suggest spending the entire time in one extended visit, students may combine visits to reach the total as long as one visit is a minimum of eight weeks long. The program and projected plan of study should be approved by the student's academic advisor in the Department of Foreign Languages prior to enrolling in the program.

Minimum credits required: 33

Required courses (* = Prerequisite Required)

GER	201	Intermediate German I	4 credits*
GER	202	Intermediate German II	4 credits*
GER	221I	German Conversation	2 credits*
GER	275IF	Introduction to German Literature	4 credits*
GER	310I	German Civilization	3 credits*
GER	335	Advanced Composition and Conversation	4 credits*
HUM	285I	Introduction to Intercultural Communications	3 credits

At least 6 hours from the following literature courses must be successfully completed:

GER	263	Seminar (When the topic is literature.)	3 credits*
GER	375IF	Survey of German Literature I	3 credits*
GER	376IF	Survey of German Literature II	3 credits*
GER	463	Special Topics Seminar	3 credits*

The remaining credits may be completed with any German courses above the 100 level. The seminars 263 and 463 can be substituted for required classes according to the topic. Substitutions require departmental approval.

German Minor

Students wishing to minor in German need 17 credits of German beyond the 100 level which must include GER 201 and 202 (or Advanced Placement), GER 275IF and at least one of the following: GER 263, 310I, 335, 375IF, 376I or 463. Any additional courses above 202 may be used to satisfy the remainder of the required credit hours.

Spanish Major

Computer Code: SPNH

Courses in Spanish are designed to develop skills in the use of the Spanish language as well as an appreciation of the language, literature, history and culture of the Spanish-speaking peoples of the world. Students majoring in Spanish must complete a minimum of 33 semester hours beyond the 100-level courses. Certification to teach Spanish is possible for students who also complete applicable requirements of the Division of Education. Education majors planning to teach Spanish are required to spend at least one academic semester or a total of 15 weeks abroad studying the language for which they seek licensure. Although we suggest spending the entire time in one extended visit, students may combine visits to reach the total as long as one visit is a minimum of eight weeks long. The program and projected plan of study should be approved by the student's academic advisor in the Department of Foreign Languages prior to enrolling in the program.

Minimum credits required: 33

Required courses (* = Prerequisite Required)

SPN	201	Intermediate Spanish I	4 credits*
SPN	202	Intermediate Spanish II	4 credits*
SPN	221I	Spanish Conversation	2 credits*
SPN	275IF	Introduction to Hispanic Literature	4 credits*
SPN	310I	Spanish Civilization	3 credits*
SPN	311I	Spanish-American Civilization	3 credits*
SPN	335	Advanced Composition and Conversation	4 credits*
HUM	285I	Introduction to Intercultural Communications	3 credits

At least 6 hours from the following literature courses must be successfully completed:

SPN	263	Seminar (When the topic is literature.)	3 credits*
SPN	375IF	Survey of Spanish Literature I	3 credits*
SPN	376IF	Survey of Spanish-American Literature II	3 credits*
SPN	463	Special Topics Seminar	3 credits*

The seminars 263 and 463 can be substituted for required classes according to the topic. Substitutions require departmental approval.

Spanish Minor

Students wishing to minor in Spanish must complete a minimum of 17 semester hours beyond the 100-level courses, including SPN 201 and 202 (or Advanced Placement), SPN 275IF and one 300-level course.

Foreign Languages and Literatures

Course Descriptions

French

FRN 0501 INDEPENDENT STUDY *One to four credit hours*

See [Independent Study Program, Section II.](#)

FRN 101 ELEMENTARY FRENCH I *Four credit hours*

Prerequisite: None. Appropriate course for beginners. Students with more than two years of high school French must have special permission of the instructor to register for FRN 101.

French 101 is a class for students with no experience in the language, or for students with a 1 to 2 year high school experience. Depending on the level of the students, and the program they followed in high school, French 102 can be a better entry point for the study of the language. Basic conversation, reading, listening and writing skills are taught at the 101 level. Students learn regular verbs ending in "er" and some irregular verbs: to be, to have, to do, to go, etc. Present and past tenses, basic negations, questions, adjective usage are also part of the 101 core. Main conversation topics include: introducing oneself, talking about food, family, telling time, and different actions in the present and past tenses.

FRN 102 ELEMENTARY FRENCH II *Four credit hours*

Prerequisite: FRN 101 or equivalent

French 102 is a continuation of the first-year experience in the language. French 101 is required or at least 2 years high school experience. Students who desire to enter the 102 level without taking 101 should acquire the textbook used in the 101 level and review the chapters covered in that class (contact instructor for more information). More of the basic conversation, reading, listening and writing skills are taught at the 102 level. Students learn more regular and irregular verbs. Future, subjunctive and more past tenses are introduced as well as grammar items such as question formation and pronoun usage. Main conversation topics include: talking about television, hobbies, and cultural aspects of the French speaking world.

FRN 201 INTERMEDIATE FRENCH I *Four credit hours*

Prerequisite: FRN 102 or equivalent. FRN 201 is an appropriate entry point for most students with more than two years of solid high school French. Required of all French majors

French 201 is foremost a review of some of the basic grammar items covered in a first-year French college class (101 and 102) with an emphasis on exceptions to rules and new vocabulary items to improve conversation skills. Most high school students who have studied the language for 3 years or more can enter this specific level of the (language during their freshmen year in college. Conversation, reading and writing skills are taught in order for students to improve their knowledge and usage of the language. New students should realize that 3 to 4 year high school experience prepare them well for the level of French used in the classroom. French 201 reviews and improves usage of regular verbs (like "parler" "finir" "repondre") and some of the irregular verbs (to be, to have, to go, etc.). Adjectives, articles, basic question patterns, and numbers form also the core of the review and improvement taught in the class. A typical 201 level class helps students to go back into the language after their summer break.

FRN 202 INTERMEDIATE FRENCH II *Four credit hours*

Prerequisite: FRN 201 or equivalent. Required of all French majors

French 202 is a continuation of the second-year experience in the language. French 201 or at least 3-4 year high experience is required to enter the class. Students who get permission from the instructor to enter the 202 level without taking 201 will be asked to acquire the textbook used in the 201 level and review the chapters covered in that class (contact instructor for more

information). Students need to understand that entering a 202 level requires a good understanding of spoken French as well as the ability to write and express oneself in the language. Students entering this specific level will join a group of their peers who have used and reviewed the language at the 201 level with exercises in conversation, reading, listening and writing skills. French 202 reviews and improves the use of subjunctive, conditional and future tenses. Complex sentences, questions and prepositions use are also part of the curriculum.

FRN 221I FRENCH CONVERSATION **Three credit hours**

Prerequisite: FRN 202 or equivalent. Required of all French majors

Intensive practice in the spoken idiom, phonetics, developing fluency of expression and establishing basic conversational vocabulary.

FRN 240I CONTEMPORARY FRANCE **Three credit hours**

Prerequisite: None. Given in English, with no prior study of French expected. May be taken for major credit if out-of-class research and reports are done in French.

A study of ongoing and developing events, in any field, which present themselves in France and Francophone countries. The course also includes readings in and discussions of the French national character and examples of intercultural miscommunication.

FRN 250 TECHNIQUES OF TRANSLATION **Three credit hours**

Prerequisite: FRN 202 or equivalent

A brief introduction to the theories of translation, followed by practical experience in translating various materials, such as news items, magazine articles, technical information and literature, with an effort to produce translations from English to French and from French to English of publishable quality.

FRN 260 COMMERCIAL FRENCH **Three credit hours**

Prerequisite: FRN 202 or equivalent

An introduction to the French commercial enterprise, with particular emphasis on technical and commercial terminology. Practice in business correspondence.

FRN 263 SEMINAR **Three credit hours**

Prerequisite: FRN 202 or permission of instructor

A close study of a selected topic in French. May be repeated if a different topic is offered. Depending on the topic this class may substitute for courses required of the French minor and major.

FRN 275IF INTRODUCTION TO LITERATURE **Four credit hours**

Prerequisite: FRN 202. Required of all French majors

An introduction to literary study, treating major authors and literary genres from various periods.

FRN 310I CIVILIZATION I **Three credit hours**

Prerequisite: FRN 202. Required of all French majors

A study of French culture, society, history and arts, from the origins of France Through the Third Republic.

FRN 311I CIVILIZATION II **Three credit hours**

Prerequisite: FRN 202. Required of all French majors

A continuation of the study of French civilization, with emphasis on contemporary France, its society, its institutions and the French mentality today.

FRN 335I ADVANCED GRAMMAR & COMPOSITION *Four credit hours*

Prerequisite: FRN 202. Required of all French majors

Advanced work in grammar with an emphasis on French composition and stylistics.

FRN 350 SPECIAL METHODS LANGUAGE TEACHING *Three-four credit hours*

Required of all students seeking a license to teach. See EDU 350.

FRN 375IF SURVEY OF FRENCH LITERATURE I *Three credit hours*

Prerequisite: FRN 275IF. Required of all French majors

A study of French literature from the Middle Ages through the 18th Century.

FRN 376IF SURVEY OF FRENCH LITERATURE II *Three credit hours*

Prerequisite: FRN 275IF. Required of all French majors

A study of French literature of the 19th and 20th Centuries.

FRN 463 SEMINAR *Three credit hours*

Prerequisite: Advanced standing and permission of instructor

FRN 463 is intended to be a capstone seminar which builds on a significant understanding of French Studies. Topics may vary. Students may take the course twice if different topics are offered.

FLL 300I FRENCH LITERATURE IN TRANSLATION 19th CENTURY FRENCH NOVELS *Three credit hours*

Prerequisite: None. Taught in English. Only offered on weekends or evenings

The 19th Century is the Golden Age of the Novel in France. In this class students and the professor will discuss the major works produced in France during the 19th century starting from Romanticism and Realism and continuing into Naturalism in order to arrive at a possible definition of the novel as a literary genre. Reading assignments will include among other works Balzac's Old Goriot and Flaubert's Madame Bovary.

German

GER 050I INDEPENDENT STUDY *One to four credit hours*

See [Independent Study Program, Section II](#).

GER 101 ELEMENTARY GERMAN I *Four credit hours*

Prerequisite: None. Appropriate course for beginners. Students with more than two years of high school German must have special permission of the instructor to register for GER 101.

German 101 begins with an introduction to basic vocabulary, from numbers and greetings through foods and furniture to travel topics. Class time is used to practice speaking and listening skills, where you can expect to respond to questions, do numerous pair exercises and participate in role playing. Students learn about the gender of nouns and pronouns, the nominative, accusative and dative cases and the use of prepositions. Regular and irregular verbs in both the present and present perfect tenses are taught as well as modal auxiliary verbs. Among others, the basic functions of asking and giving personal information, making a purchase, ordering in a restaurant, and giving directions are stressed in written homework as well as in oral work in class. The reading assignments and supplements to the book provide interesting cultural information about the German-speaking countries.

GER 102 ELEMENTARY GERMAN II *Four credit hours*

Prerequisite: GER 101 or equivalent.

German 102 reviews the student's basic knowledge of the nominative, accusative and dative cases and introduces the genitive. Students will be taught how to tell stories in the simple past

tense, use attributive adjectives, make comparisons, use the future tense, form sentences in passive voice, and to use the subjunctive to indicate conjecture. Discussion topics include sports and leisure, overnight lodging, entertainment, the German school system, fairy tales and German history. Written practice comes mainly in the form of homework, and time in class concentrates on practicing speaking and listening. The textbook is supplemented with educational language videos, recorded music and interactive small group exercises.

GER 201 INTERMEDIATE GERMAN I Four credit hours

Prerequisite: GER 102 or equivalent. Appropriate entry point for most people who have had more than two years of solid high school German. Required of all German majors.

This first level of the intermediate sequence reviews the basic skills which you acquired in your elementary language study and expands upon them. Although a thorough review of all grammar is given, special attention is paid to the following difficult areas of grammar: adjective endings, past tenses, relative pronouns. The exercises are designed to increase your ability to read, write, speak and understand German. You will be given a selection of authentic reading assignments which are appropriate for your level, and which deal with topics of German-speaking culture and life in Europe. Role play, pair work and writing assignments ask for your personal, creative reaction to the readings. Real life situations such as dialogues in restaurants and at the train station are imitated in classroom pair work. All class discussions, readings and written assignments are in German, but do not require an advanced level of language ability.

GER 202 INTERMEDIATE GERMAN II Four credit hours

Prerequisite: GER 201 or equivalent. Required of all German majors.

German 202 is a continuation of the intermediate level and builds upon the skills practiced in 201 including further work on passive voice, subjunctive and relative pronouns. GER 202 is the prerequisite for advanced level German language classes. Classroom discussions and written assignments center on authentic short literary and cultural texts and one novella of moderate length. The course is taught in German. Class work provides listening and speaking practice while homework affords the chance to sharpen writing skills.

GER 221 GERMAN CONVERSATION Two credit hours

Prerequisite: GER 202 or consent of the instructor. Required of all German majors.

Intensive practice in speaking and vocabulary building. May be repeated for credit. Offered alternate years.

GER 240I CONTEMPORARY GERMANY Three credit hours

Prerequisite: None, taught in English

A discussion of the social, political and artistic trends in contemporary German speaking countries. Students may receive language credit if their reading and papers are done in German. This course may be offered in the eight week minimester format. In addition, this course is used as a preparatory course for study abroad programs, such as "Germany Rocks!", Spring 2005.

GER 250I TECHNIQUES OF GERMAN TRANSLATION Three credit hours

Prerequisite: GER 202.

A brief introduction to theories of translation, followed by practical experience translating various texts. Most assignments will be translations from German to English. Offered in alternate years.

GER 260I COMMERCIAL GERMAN Three credit hours

Prerequisite: GER 202.

An introduction to commercial terminology in German plus cultural study of the institutions needed for business. Students also learn the rudiments of German business correspondence and telephone etiquette. Considerable time will be devoted to modern German culture as it determines the nature of business with Germans. Offered in alternate years.

GER 263I SEMINAR Three credit hours

Prerequisite: GER 202.

A close study of a selected topic in German. May be repeated if a different topic is offered. Depending on the topic this class may substitute for courses required of the German minor or major.

GER 275IF INTRODUCTION TO GERMAN LITERATURE Four credit hours

Prerequisite: GER 202 or equivalent. Required of all German majors.

This course is a thematic survey of literature from several of the major literary movements. Students will read a variety of genres and authors from works of various periods which share at least one common theme. Serves as a prerequisite for GER 375IF and 376IF.

GER 288I GERMAN EXPERIENCE Six credit hours

Prerequisite: GEO 111 and GER 240.

This course is study tour in Germany and Austria and is an integral part of the interdisciplinary seminar, "Germany Rocks!: The Physical and Cultural Landscapes of Germany," Spring 2005. The course will begin with a two-week German language workshop tailored to the students' abilities, followed by guided travel to sites of particular geological and cultural interest in various parts of Germany. We will see the historic cities of Frankfurt, Heidelberg, Munich, Salzburg, Dresden, Bonn and Cologne, including excursions to Messel pit, Rhine river valley, Black Forest, the Alps, and Sandstone formations in Saxony. These study-abroad credit hours may be counted toward International Studies Core requirement and towards a German major or minor. There is also the possibility that science credit can be earned in conjunction with this course for Independent Study in Geology with Professor Thomas. Participants must pay a program fee. More information can be obtained by contacting Professor Hollender in the Department of Foreign Languages, shollend@bw.edu.

GER 310I GERMAN CIVILIZATION Three credit hours

Prerequisite: GER 202. Required of all German majors.

A study of the historical and culture development of the German-speaking peoples from the Germanic tribes to the formation of the Federal Republic of Germany. Required of all German majors.

GER 335 ADVANCED COMPOSITION AND CONVERSATION Four credit hours

Prerequisite: GER 202. Required of all German majors.

This course seeks to fine tune the student's command of German by discussing difficult vocabulary usage and reviewing the most difficult grammar. Numerous written assignments and daily oral exercises in class.

GER 350 SPECIAL METHODS LANGUAGE TEACHING Three-four credit hours

Required of all students seeking a license to teach German.

See EDU 350. Not offered every year.

GER 375IF SURVEY OF GERMAN LITERATURE I Three credit hours

Prerequisite: At least one of GER 263(I), 275IF or 310I or permission of instructor.

This study of German literature will include works from the earliest periods to the beginning of the nineteenth century. GER 376IF and 375IF may be taken in any order.

GER 376IF SURVEY OF GERMAN LITERATURE II Three credit hours

Prerequisite: At least one of GER 263(I), 275IF or 310I or permission of instructor.

A survey of German literature from Romanticism to the 20th century. GER 376IF and 375IF may be taken in any order.

GER 463 SPECIAL TOPICS SEMINAR Three credit hours

Prerequisite: Advanced standing and permission of instructor.

GER 463 is intended to be a capstone seminar which builds on a significant understanding of German Studies. Topics may vary. Students may take the course twice if different topics are offered.

FLL 300I GERMAN CLASSICS IN TRANSLATION Three-four credit hours

Prerequisite: None. Taught in English. Only offered weekends or evenings.

Analysis and discussion of literary and intellectual trends in Germany as reflected in representative works of German literature from about 1750 through 1900; authors include Lessing, Goethe, Schiller, Heine and Keller.

FLL 301I RECENT GERMAN LITERATURE IN TRANSLATION *Three-four credit hours*

Prerequisite: None. Taught in English. Only offered weekends or evenings.

Analysis and discussion of intellectual and literary trends in German-speaking countries from the beginning of the twentieth century to the present; authors include Brecht, Kafka, Hesse and Mann.

FLL 310I SURVEY OF GERMAN FILM *Three-four credit hours*

Prerequisite: None. Taught in English. Only offered weekends or evenings.

Intensive study and discussion of selected periods and themes in German film. This course may be repeated for credit, provided it covers a different subject matter.

FLL 320I GERMANY AND FACISM *Three-four credit hours*

Prerequisite: None. Taught in English. Only offered weekends or evenings.

Intensive study and discussion of selected authors dealing with Fascism in German literature. This course may be repeated for credit, provided it covers a different subject matter.

Italian

ITL 101 ELEMENTARY ITALIAN I *Four credit hours*

Prerequisite: None. Appropriate course for beginners. Students with more than two years of high school Italian must have special permission of the instructor to register for ITL 101.

An introduction to basic Italian vocabulary, pronunciation and grammar. Students complete the first half of the elementary Italian textbook.

ITL 102 ELEMENTARY ITALIAN II *Four credit hours*

Prerequisite: ITL 101 or equivalent.

ITL 102 assumes some active knowledge of basic Italian and builds on the skills taught in ITL 101, completing the elementary textbook.

Spanish

SPN 050 INDEPENDENT STUDY

One to four credit hours

See [Independent Study Program, Section II](#).

SPN 101 ELEMENTARY SPANISH I

Four credit hours

Prerequisite: None. Appropriate course for beginners. Students with more than two years of high school Spanish must have special permission of the instructor to register for SPN 101.

This course is designed for students with no previous knowledge of Spanish. Students will learn basic grammar in an oral/aural context in each class. Students of Spanish 101 are expected to develop the four language skills of speaking, listening, basic reading and writing as well as an appreciation of Latino culture. Students will be exposed to native speakers of Spanish in an interactive CD ROM, tele-based program Destinos, and videos on Spain and Spanish-America.

SPN 102 ELEMENTARY SPANISH II

Four credit hours

Prerequisite: SPN 101 or equivalent.

Students of Spanish 102 are expected to enhance the four language skills of speaking listening, reading, and writing. This class will introduce the subjunctive mood, compound tenses, prepositions, and basic conversational skills. Speaking the language is greatly stressed at this level. Students will be exposed to native speakers of Spanish in an interactive CD ROM, tele-based program Destinos, and videos on Spain and Spanish-America.

SPN 201 INTERMEDIATE SPANISH I

Four credit hours

Prerequisite: SPN 102 or equivalent. SPN 201 is an appropriate entry point for most students with more than two years of high school Spanish. Required of all Spanish majors.

One purpose of this class is to review what the student already learned and to expand on her/his first year of Spanish at B-W. This is a grammar class with an introduction to cultural and literary readings. All skills (reading, writing, listening, and speaking), as well as the three basic fields (grammar, literature, and culture) will be emphasized during the course.

SPN 202 INTERMEDIATE SPANISH II

Four credit hours

Prerequisite: SPN 201 or equivalent. Required of all Spanish majors.

An expansion of Spanish language skills developed with exercises in conversation, oral comprehension, composition based on cultural and literary readings.

SPN 221 SPANISH CONVERSATION I

Two credit hours

Prerequisite: SPN 202 or consent of the instructor. Required of all Spanish majors.

This course focuses on the development of oral fluency and vocabulary.

SPN 240I CONTEMPORARY SPAIN AND LATIN AMERICA **Three credit hours**

Prerequisite: None. Given in English. May be taken for major credit if out-of-class research and report is done in Spanish.

A study and discussion of ongoing and developing events in any field, which present themselves in Spain and Latin America. The course also includes readings and discussions of the Hispanic character and pertinent topics in intercultural communication.

SPN 250 TECHNIQUES OF SPANISH TRANSLATION

Three credit hours

Prerequisite: SPN 202 and 221I or equivalent.

A brief introduction to theories of translation followed by practical experience translating various texts.

SPN 260I COMMERCIAL SPANISH

Three credit hours

Prerequisite: SPN 202 or equivalent.

An introduction to commercial and technical terms in Spanish with practice in business correspondence.

SPN 263 SEMINAR Three credit hours

Prerequisite: SPN 202 or permission of instructor.

A close study of a selected topic in Spanish. May be repeated if a different topic is offered. Depending on the topic this course may substitute for courses required of the Spanish minor or major.

SPN 275IF INTRODUCTION TO HISPANIC LITERATURE Four credit hours

Prerequisite: SPN 202 or special permission of instructor. Required of all Spanish majors.

An introduction to literary study, treating major authors and literary genres from various periods and countries.

SPN 310I SPANISH CIVILIZATION Three credit hours

Prerequisite: SPN 202 or equivalent.

A study of the historical and social development of Spanish culture and civilization.

SPN 311I SPANISH-AMERICAN CIVILIZATION Three credit hours

Prerequisite: SPN 202 or equivalent.

A study of the historical, political, economic and cultural development of Latin America.

SPN 335I ADVANCED COMPOSITION AND CONVERSATION Four credit hours

Prerequisite: SPN 202 or equivalent. Required of all Spanish majors.

Students receive directed composition practice on various current and personal themes. Group and individual work on practical improvement of pronunciation and the study of troublesome aspects of grammar and syntax are also involved.

SPN 350 SPECIAL METHODS LANGUAGE TEACHING Three- four credit hours

Required of all students seeking a license to teach.

See EDU 350.

SPN 375IF SURVEY OF SPANISH LITERATURE Three credit hours

Prerequisite: SPN 275IF or equivalent.

A study of the major literary movements, representative authors and selections from their works from the 12th century to the 20th century. Short stories, poetry, essays and the theater are included.

SPN 376IF SURVEY OF SPANISH-AMERICAN LITERATURE Three credit hours

Prerequisite: SPN 275IF or equivalent.

A study and interpretation of a select number of major literary works from Latin America.

SPN 463 SEMINAR Three credit hours

Prerequisite: Advanced standing and permission of instructor.

SPN 463 is intended to be a capstone seminar which builds on a significant understanding of Hispanic Studies. Topics may vary. Students may take the course twice if different topics are offered.

Seminar in Ecuador

The following courses are offered only for the students who are participating in the Seminar in Ecuador. See description in this catalog under Explorations/Study Abroad program, Section II.

SPN 110 ELEMENTARY SPANISH IN ECUADOR *Seven credit hours*

Prerequisite: None

SPN 110 is offered in Ecuador by Experiment in International Living. It is a beginning language class for students with no more than three years of Spanish. (Appropriate student placement will be determined by the Department of Foreign Languages and Literatures to which students must present evidence of their high school year/s of Spanish, such as a transcript). This course will cover the equivalent of the first year of language and culture instruction offered in the Spanish Program at Baldwin-Wallace College. This is an intensive course that allows students to complete two semesters of Spanish in one semester in Ecuador.

Course Structure and Objectives: SPN 110 is an introduction to Spanish language and culture. It will cover basic Spanish grammar and structures and pay particular attention to vocabulary enrichment and knowledge of Latino culture. All skills (reading, writing, listening and speaking) and the three basic fields (grammar, introduction to reading, and writing) will be emphasized.

SPN 210 INTERMEDIATE/ADVANCED SPANISH IN ECUADOR *Seven credit hours*

Prerequisite: Minimum SPN 101 (See the description of this class below for more details).

SPN 210 is an intermediate and/or advanced course in Spanish that reviews and expands knowledge of grammar, aural skills (listening and comprehension), and reading and written skills in Spanish. If the student is a Spanish major or minor, this course may be the equivalent of SPN 102/201, 201/202, 202/2211, or two of the following courses: 240I, 275IF, and/or 311I, however, the exact equivalence will depend on the student's placement by the Department of Foreign Languages and Literatures.

Course Structure and Objectives: SPN 210 is designed to reinforce and expand the Spanish language skills the student has already acquired in the first year of language instruction. During the semester, the student should improve her or his ability to manipulate not only the basic structures of Spanish, but more idiosyncratic and sophisticated structures as well. Special attention will be given to vocabulary enrichment, literary and cultural readings, oral discussions and writing.

Humanities

HUM 285I INTRODUCTION TO INTERCULTURAL COMMUNICATION *Three credit hours*

This course, taught in English by members of the Foreign Language faculty, will analyze difficulties in communicating across cultural boundaries, misunderstandings arising from cultural differences, and techniques for living and working successfully in a multicultural setting. The course utilizes films, simulation games and other experiential learning techniques. Appropriate for any student interested in being a genuine citizen of the world. May be offered in the minimester format.

HUM 287I SEMINAR IN EUROPE I: ON-CAMPUS PROGRAM *Two credit hours*

See [Seminar in Europe, Section II.](#)

HUM 288I SEMINAR IN EUROPE II: THE EUROPEAN EXPERIENCE *Six credit hours*

See [Seminar in Europe, Section II.](#)

GERONTOLOGY MINOR

Certificate in Gerontology

Gerontology is the study of the aging process. The need for programs and facilities for the elderly will continue to grow over the foreseeable future. Staffing and management of those facilities represent expanding career fields. The Gerontology certificate is designed for those working with the elderly or planning careers in the field of gerontology.

The certificate is appropriate for:

1. persons who are seeking degrees and wish to specialize in gerontology;
2. persons who have degrees but want to add a specialization in gerontology; and
3. persons not seeking or holding a degree who wish to develop non-degree credentials in gerontology.

The Program

The certificate program includes a multidisciplinary core of courses covering the sociological, psychological and biological aspects of aging. Additional courses are recommended for professionals working within a social service environment and for those interested in the management of not-for-profit agencies.

The certificate program conforms to the recommended standards and guidelines of the Association for Gerontology in Higher Education.

To earn a Minor in Gerontology, individuals must complete 19-23 credit hours in the following courses (in addition to prerequisites SOC 100 and PSY 110 as indicated below):

Residency Requirement:

More than half the courses must be completed at Baldwin-Wallace College.

Prerequisites:

Note: SOC 100 and PSY 110 are required of all enrolled in this program. These courses are to be completed before taking other required courses in that department as indicated below.

Required Courses:

SOC	344	Aging and Society	3 credits
SOC	345	Medical Sociology	3 credits
SOC	070	Practicum in Gerontology	1-3 credits

Choice of one:

SOC	250	Topics in Sociology: Death and Dying	3 credits
SOC	250	Topics in Sociology: Policies on Aging	3 credits

OR

additional SOC 250 or 350 courses with a gerontology orientation

Choice of one:

PSY	205	Developmental Psychology	3 credits
PSY	335	Adult Development and Aging	4 credits

Choice of one:

BIO	203	Human Anatomy and Physiology (Day)	4 credits
BIO	206	Your Body: Past, Present and Future (Weekend)	3 credits

Choice of one:

SOC	106	Organizations (Day)	3 credits
HPE	207W	Nutrition in Daily Living	3 credits
HPE	210W	Nutrition	3 credits

Students entering the field of Gerontology would find it advantageous to select additional elective courses from the following concentrations.

Recommended Classes for Social Service Concentration

SOC	212	Families, Couples and Singles	3 credits
SOC	280	Research Methods	4 credits
SOC	281	SPSS: Data Analysis in the Social Sciences	4 credits
SOC	301D	Class Status and Power	3 credits
SOC	303I	Urban and Community Life	4 credits
BUS	208	Introduction to Business	3 credits

Recommended Classes for Not-for-Profit Concentration

SOC	106	Organizations	3 credits
SOC	201D	Social Problems	4 credits
SOC	280	Research Methods	4 credits
SOC	281	SPSS Data Analysis in the Social Sciences	4 credits
BUS	208	Introduction to Business	3 credits
BUS	305	Principles of Management	4 credits

The minor requirements and course content may be altered by the Minor in Aging Studies Coordinator/Advisor. If you have any questions about course equivalencies or substitutions, please contact the Department of Sociology at 440-826-2161.

Note: It is the student's responsibility to consult a Certificate Program Coordinator/Advisor in the Department of Sociology as to the specific courses and residency requirement of the certificate program. In order to receive a certificate, the student must fill out the Certificate Program Completion Application before the last semester of attendance.

The Gerontology Certificate program is **not** offered through Evening/Weekend College. For information on this certificate program, consult the Department of Sociology.

HEALTH AND PHYSICAL EDUCATION

The Division of Health and Physical Education offers courses that satisfy core curriculum requirements, HPE Division major and minor programs of study, requirements for other College majors, and general electives.

HPE Core Curriculum Requirements

To satisfy the health and physical education core requirement of the College, all students must complete a one-half credit computer course, HPE 110W, Personal Wellness, and complete an additional minimum of one and one-half credits from a menu of sports, fitness, recreational activity courses and/or dance technique courses from HPE 131W, 132W, 133W, 141W, 142W, 143W, 144W and/or from a menu of classroom course offerings in health and wellness as designated applicable to the HPE Core. Students may select any of the activity and technique courses offered, however, no specific activity or technique course may be repeated for credit except at a more advanced level. Students who have individual needs or are physically challenged may confer with HPE faculty to discuss selection of appropriate courses.

Note that the HPE Core requirement as outlined begins for students who enter B-W in the 2004-2005 academic year.

Among objectives for the required HPE Core courses are the following:

- The development of essential knowledge in health and wellness issues especially as it may relate to leadership and advocacy for healthy lifestyles for individuals, families, and communities now and in the future.
- The development of knowledge, skills, attitudes, and values related to achieving and maintaining optimal levels of physical fitness and personal wellness.
- The development of motor abilities that contribute to skill, proficiency, ease, and grace in the control of one's body.
- The development of worthy leisure-time recreational habits, skills, and attitudes.
- The development of an appreciation of the art and science of human movement both as a participant and as a spectator.

Fine Arts, Diversity and International requirements of the Core Curriculum Courses offered by the HPE Division that may be applied to the fine arts requirement of the core include HPE 214IF, 217FD, 331F, 333F. HPE 214IF may also be applied to the international studies component of the core. HPE 217FD and HPE 423D may be applied to the diversity requirement.

Divisional Majors and Minors

For students planning to major in any one of the majors offered by the HPE Division, the Division recognizes the preceding objectives, explores the body of knowledge, and provides a foundation for students preparing to teach, coach, manage and/or pursue graduate study in areas related to the major. Majors are offered in physical education, sport management, athletic training, pre-physical therapy, exercise science, health promotion and education. Academic minors are designed to supplement any academic major. Minors are offered in health promotion and education, child and family, athletic coaching, dance, recreation, and personal wellness. Additional study is recommended beyond the minimum credits and required courses for each major and minor including HPE 050, 070, special topic seminars, and honors courses.

Physical Education Major

Computer Code: HPET

This major is designed to focus on theoretical and practical knowledge and skills related to the planning, implementation, and evaluation of physical education programs for learners ages three through twenty-one and prekindergarten through grade twelve. Multi-age license to teach physical education is possible for students who successfully complete this major as well as applicable requirements for licensure as outlined by the Division of Education. Students are encouraged to supplement physical education licensure with a secondary teaching area such as health promotion and education. Students who desire to coach are encouraged to complete the athletic coaching minor. Students who complete this major are expected to be competent in a number of sport and fitness skills.

Minimum credits required: 49 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

BIO	203	Human Anatomy and Physiology I	4 credits
BIO	204	Human Anatomy and Physiology II	3 credits*
HPE	201	Orientation to HPE	1 credits
HPE	205	First Aid	2 credits
HPE	209	Research Design & Statistics	3 credits
HPE	215	Dance Forms	2 credits
HPE	230	Physical Education for Children	3 credits
HPE	232	Physical Education for the Middle Grades	2 credits
HPE	302	Physiology of Exercise	3 credits*
HPE	311	Techniques of Instruction	3 credits*
HPE	321	Adapted Physical Education	2 credits
HPE	323	Outdoor Recreation & Education	2 credits
HPE	340	Program Organization & Administration	3 credits
HPE	347	Historical, Philosophical, and Curricular Foundations of Physical Education	3 credits
HPE	352	Motor Learning	3 credits
HPE	404	Principles of Sport & Physical Education	2 credits
HPE	451	Kinesiology/Biomechanics	3 credits*

At least 10 activity courses from HPE 131W, 132W, 133W are required in the following five designated areas: Area I, Sports and Games: minimum of 3 courses from badminton, basketball, soccer/speedball, softball, tennis, volleyball; Area II, Lifetime/Leisure: minimum of 2 courses from archery, bowling, camping, canoeing, cycling, golf, racquetball, with at least 1 of the 2 courses from camping, canoeing, cycling; Area III, Gymnastics/Tumbling: minimum of 1 course from tumbling/free exercise, apparatus; Area IV, Swimming: minimum of 1 course from swimming; students may satisfy the Area IV activity requirement by current participation on the intercollegiate swim team or current certification in American Red Cross Lifeguard Training or Water Safety Instructor; note that students who choose the latter option must still complete the 10 activity course minimum; Area V, Physical Fitness: minimum of three courses specifically designated as weight training, aerobics, water aerobics and either walk, jog, run or fitness. Substitutions for activity courses in the five designated areas must be approved by student's academic advisor and department chair.

Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by course prerequisites.

Sport Management Major

Computer Code: HPEM

This major is designed to focus on aspects of management and organization of programs in sport and/or related areas. Students completing this major must also complete a second major or a minor in Public Relations or a second major or minor offered by the Division of Business Administration.

Minimum credits required: 33-34 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

HPE	201	Orientation to HPE	1 credits
HPE	205	First Aid	2 credits
HPE	227	Principles of Coaching	2 credits
HPE	243	Sport Management & Leadership	3 credits
HPE	324	Community Recreation	2 credits
HPE	340	Program Organization & Administration	3 credits*
HPE	343	Special Topics in Sport Management	4 credits*
		At least two from the following 2-credit special topics:	
		- HPE 343M Ethics in Sport Management	
		- HPE 343R Legal Issues in Sport Management	
		- HPE-343B Budgeting, Finance, and Economics in Sport Management	
HPE	344	Sport Management & Media Relations	2 credits*
HPE	345	Fitness & Health Promotion Program Management	3 credits*
HPE	346	Sport Marketing	2 credits*
HPE	404	Principles of Sport and Physical Education	2 credits*
HPE	443	Sport Management Capstone	1 credit*
HPE	471	Sport Management Internship	2-3 credits*

At least one course from the following three courses:

HPE	321	Adapted Physical Education	2 credits
HPE	323	Outdoor Recreation & Education	2 credits
HPE	406	Psychology of Coaching	2 credits*

Additional Elective: 2 credits

Additional elective credits (2) are needed to fulfill the required credits for this major. The additional elective credits may come from completion of a third topic from HPE 343, from completion of a second course from the above three electives, completion of HPE 470, Internship in Sport Management, or an additional HPE-prefix course at the 300-400 level.

Highly recommended: BIO 203, Anatomy and Physiology I

Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by course prerequisites. For prerequisite details, see Course Descriptions.

Athletic Training Major

Computer Code: HPEA

This major is designed to provide students with entry-level athletic training skills. The major program is designed to prepare students to enter athletic training and allied health fields. Major emphasis is placed on the development of cognitive knowledge in addition to psychomotor skills. This includes practicum, laboratory and internship experiences. The program prepares students for the National Athletic Trainers Association Board of Certification examination. This major program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Sophomores, juniors and seniors must pass eligibility standards to be selected for the clinical experience requirement of the major in Athletic Training. Standards are based on documentation of observation requirements, prerequisite course grades, overall grade point average, student athletic trainer evaluations, proficiency examination, letters of recommendation, and interview. Details of program accreditation and selection standards are available from the Athletic Training Program Director.

Minimum credits required: 61 (plus prerequisites as indicated)

Required courses:

HPE	201	Orientation to HPE	1 credits
HPE	202	Athletic Training I	3 credits
HPE	205	First Aid	2 credits
HPE	206	Medical Terminology	2 credits
HPE	208	Emergency Care Techniques	1 credit*
HPE	211W	Nutrition for the Athlete	3 credits
HPE	221W	Personal Health	4 credits
HPE	302	Physiology of Exercise	3 credits*
HPE	303	Health & Physical Fitness Assessment	2 credits*
HPE	305	Athletic Training II	3 credits*
HPE	306	Therapeutic Modalities	3 credits*
HPE	306L	Therapeutic Modalities Lab	1 credit*
HPE	307	Athletic Training III	3 credits*
HPE	308	Athletic Training Administration	2 credits*
HPE	309	Therapeutic Exercise	2 credits*
HPE	451	Kinesiology/Biomechanics	3 credits*
HPE	470	Clinical Experience in Athletic Training	8 credits*
HPE	070	Field Experience (in Athletic Training)	4 credits*
BIO	203L	Human Anatomy & Physiology I	4 credits
BIO	204L	Human Anatomy & Physiology II	3 credits*
PSY	110	Applications of Psychology	4 credits

Recommended: CSC 121 or computer competency, CHM 111, 111L, PSY 205, HPE 321.
Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by course prerequisites. For prerequisite details, see Course Descriptions.

Pre-Physical Therapy Major

Computer Code: HPEP

This major is designed to provide a strong foundation in the fundamental principles of science and exercise science. Major offers the preparation necessary for the student to continue study toward a degree in physical therapy.

Minimum credits required: 62 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

HPE	201	Orientation to HPE	1 credits
HPE	203	Essentials of Athletic Training	2 credits
HPE	205	First Aid	2 credits
HPE	206	Medical Technology	2 credits
HPE	209	Research Design & Statistics	3 credits
HPE	302	Physiology of Exercise	3 credits*
HPE	303	Health/Physical Fitness Assessment	2 credits*
HPE	306	Therapeutic Modalities	3 credits*
HPE	306L	Therapeutic Modalities Lab	1 credit*
HPE	321	Adapted Physical Education	2 credits
HPE	451	Kinesiology/Biomechanics	3 credits*
BIO	121L	Principles of Biology I	4 credits
BIO	122L	Principles of Biology II	4 credits
BIO	203L	Human Anatomy & Physiology I	4 credits
BIO	204L	Human Anatomy & Physiology II	3 credits*
CHM	111	General Chemistry I	4 credits
CHM	111L	General Chemistry I Lab	.5 credits
CHM	112	General Chemistry II	4 credits*
CHM	112L	General Chemistry II Lab	.5 credits
PHY	131&151L	General Physics I with Lab OR	5 credits
PHY	145	Workshop Physics I	5 credits
PHY	132&152L	General Physics II with Lab OR	5 credits*
PHY	146	Workshop Physics II	5 credits

At least two additional courses or appropriate seminars in Biology at the 200 level or above (4 credit minimum)

Students should select the additional BIO courses based on graduate school prerequisite requirements. Although the additional two courses in upper level BIO are elective, the following are suggested for consideration:

BIO	211	Genetics	4 credits
BIO	212	Microbiology	4 credits
BIO	221	Zoology	4 credits
BIO	330	Gross Anatomy	4 credits
BIO	331	Embryology	4 credits
BIO	332	Histology	3 credits

BIO	333	Human Physiology	4 credits
BIO/PSY	250	Neuroscience	3 credits

Students planning to pursue a graduate degree in physical therapy should also take PSY 279, PSY 110, PSY 205, SOC 100, MTH 141. All pre-physical therapy students should also complete internship(s) in a variety of physical therapy settings (HPE 070, 2-4 credits).

Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by course prerequisites. For prerequisite details, see Course Descriptions.

Exercise Science Major

Computer Code: HPES

This major is designed to focus on the content areas of exercise science, fitness management and strength conditioning as related to management and organization of corporate, community, or commercial fitness programs. Students successfully completing this major will be able to conduct fitness testing and implement exercise programs for low- to moderate-risk clients and for individuals with controlled diseases. For students wishing to pursue graduate level study in exercise physiology or related area, a minor in Chemistry is highly recommended. For students wishing to pursue a focus in fitness management, a minor in Business Management and Organization and/or Health Promotion and Education is highly recommended.

Minimum credits required: 40 (plus prerequisites as indicated)

Required courses:

HPE	201	Orientation to HPE	1 credits
HPE	203	Essentials of Athletic Training	2 credits
HPE	205	First Aid	2 credits
HPE	209	Research Design & Statistics	3 credits
HPE	245	Health Behavior Management	2 credits
HPE	302	Physiology of Exercise	3 credits*
HPE	303	Health/Physical Fitness Assessment	2 credits*
HPE	340	Program Organization & Administration	3 credits*
HPE	345	Fitness & Health Promotion Program Management	3 credits*
HPE	352	Motor Learning	3 credits
HPE	423	Exercise Prescription for Special Populations	3 credits*
HPE	445	Theory & Practice of Strength & Conditioning	3 credits*
HPE	451	Kinesiology/Biomechanics	3 credits*
BIO	203	Human Anatomy & Physiology I	4 credits
BIO	204	Human Anatomy & Physiology II	3 credits*

Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by course prerequisites. For prerequisite details, see Course Descriptions.

Health Promotion and Education Major

Computer Code: HPEH

This major is designed to prepare the undergraduate student for competency in health promotion and disease prevention as these programs may be implemented in schools or in public and private agencies, at the worksite, or in specialized and clinical settings. This major leads to teaching certification if requirements of the Division of Education are also completed.

Minimum credits required: 47 (plus prerequisites as indicated)

Required courses:

HPE	201	Orientation to HPE	1 credit
HPE	205	First Aid	2 credits
HPE	207W	Nutrition in Daily Living	3 credits
HPE	218W	Consumer Issues	2 credits
HPE	221W	Personal Health	4 credits
HPE	222W	Community Health	3 credits
HPE	312W	Substance Abuse/Chemical Dependency	2 credits
HPE	315	Principles of Health Education	2 credits
HPE	316	Health Services	2 credits
HPE	318	Teaching Health Education	3 credits
HPE	345	Fitness & Health Promotion Program Management	2 credits*
HPE	424	Human Sexuality Education	3 credits*
BIO	203L	Human Anatomy & Physiology I	4 credits
BIO	204L	Human Anatomy & Physiology II	3 credits*

For the interdisciplinary content requirement, one of the following courses:

PSY	302	Abnormal Psychology	4 credits*
PSY	304	Personality Psychology	4 credits*
SOC	201D	Social Problems	4 credits

Electives to fulfill required credits for the completion of major from the following: (Six credits)

HPE	216W	Family Relations	3 credits
HPE	245	Health Behavior Management	2 credits
HPE	263	Special Topic Seminar approved for Health Promotion/Education	
HPE	463	Advanced Special Topic Seminar approved for Health Promotion/Education	
HPE	302	Physiology of Exercise	3 credits*
HPE	303	Health & Physical Fitness Assessment	2 credits*
HPE	320W	Parenting	3 credits*
SOC	344	Aging OR	3 credits*
SOC	345	Medical Sociology	3 credits*
PSY	315	Child Development OR	4 credits*
PSY	325	Adolescent Psychology	4 credits*

BIO 212 Microbiology 4 credits*
PSY 302, PSY 304, SOC 201D 4 credits

(Course applicable as an elective if not already selected to fulfill the Interdisciplinary Content requirement above.)

Courses required for the major do not necessarily need to be taken in the sequence listed unless as specified by prerequisites. For prerequisite details, see Course Descriptions.

HPE Minors

The Division offers the following academic minors:

Health Promotion and Education Minor (25 credit hours). Required courses: HPE 205, 221W, 222W, 312, 315, 424; a minimum of 9 credit hours must be selected from HPE 207W, 216W, 218W, 245, 302, 303, 316, 318, 320W, 345. The health promotion and education minor does not lead to teacher licensure; only the major leads to teacher licensure.

Child in the Family Minor (17 credit hours) Required courses: HPE 070, 216W, 319W, 320W, PSY 205 & 315. Prior to 2004-2005, this minor was offered by the Department of Family & Consumer Science.

Athletic Coaching Minor (23 credit hours). Required courses: HPE 203, 205, 207W or 211W, 227, 340, 370, 406, 445, and at least two courses from HPE 327, coaching courses selected from a menu of options including but not limited to coaching of football, basketball, baseball, track and field.

Dance Minor (23 credit hours). Required courses: BIO 203L, HPE 203 or 205, HPE 207W or 211W, 214IF, 331F, 332, 333F; at least 3 semester credits of dance technique from HPE 141W, 142W, 143W, 144W. Recommended: BIO 204L, BMC 227, HPE 451, MUL (course in music), HPE 263, 463, 070 (as related to dance).

Recreation Minor (17 credit hours). Required courses: HPE 205, 215, 323, 324, 340; electives to meet the minimum credits required for completion of the minor from HPE 230 or 232, HPE 321, 345, 423, BUS 305, SOC 303, BIO 111L, CST 207 or CST 306. Up to but no more than three credits in HPE 070, approved internship in recreation, may be applied to the minimum credits required for the minor.

Personal Wellness Minor (18 credit hours). Required courses: HPE 110W, 205, 207W, HPE 218W, at least 3.5 credits from HPE 131W, 132W, 133W which must include at least one course from yoga, Pilates, techniques of relaxation; at least two courses from weight training, water aerobics, swim conditioning, aerobics, fitness, spinning; at least two courses from golf, tennis, canoeing, camping, basic swimming, fly fishing, ice skating, cycling, racquetball. Three additional electives are required to fulfill credit requirements for the minor may be selected from additional courses and/or seminars designated as applicable to the HPE Core. No more than a total of 5 credits toward the minimum of 18 credits may come from HPE 131W, 132W, 133W, 141W, 142W, 143W, 144W (activity/technique courses).

Health and Physical Education Course Descriptions

HPE 050	INDEPENDENT STUDY	<i>Credit hours to be arranged</i>
See Independent Study Program, Section II.		
HPE 070	FIELD EXPERIENCE/INTERNSHIP	<i>Credit hours to be arranged</i>
See Field Experience/Internship, Section II.		
HPE 110W	PERSONAL WELLNESS	<i>One-half credit hour</i>
Course designed as a computer course that includes a comprehensive health risk assessment, nutrition, dietary assessment and other aspects of personal wellness as developed especially for the course. Required of all students for completion of HPE core. Graded S-U.		
HPE 131W, 132W, 133W, 141W, 142W, 143W, 144W	PHYSICAL ACTIVITIES/DANCE TECHNIQUE	<i>One-half to one credit hour</i>
These courses deal with the development of skills and knowledge of sport, dance, fitness, and other movement activities. Courses are designed for one-half or one credit hour depending on the nature and skill level of the activity. Some courses may be offered on a minimester schedule while others are offered for a full semester. No course may be repeated for credit except at a more advanced level. All courses are open to both men and women. Specific courses are listed in the course schedule for each term.		
HPE 201	ORIENTATION TO HPE	<i>One credit hour</i>
<i>Note: Designed for students majoring or considering a major in HPE</i>		
A survey course designed to introduce the nature of study, interrelationships, and career options related to academic disciplines and programs associated with physical education, health education, sport management, dance, and the areas of study included in sports medicine and exercise science. Recommended to be taken in the freshman or sophomore year.		
HPE 202	ATHLETIC TRAINING I	<i>Two credit hours</i>
<i>Note: Course is open to majors in athletic training or with prior consent of Athletic Training Program Coordinator. Non-athletic training majors, see HPE 203</i>		
This is the introductory course in athletic training that exposes the new students to the profession. The duties of the athletic trainer are discussed in relationship to the current job settings of the profession. Care and prevention of athletic injuries are presented along with basic practical experience in preventative taping, injury assessment and treatment. Students are also introduced to the administrative requirements for a successful athletic training program. This course will also include oral practical evaluation of required competencies and proficiencies in the field of athletic training.		
HPE 203	ESSENTIALS OF ATHLETIC TRAINING	<i>Two credit hours</i>
<i>Note: Course is not applicable to the major requirements in athletic training.</i>		
This course is designed as an overview of principles and practices in athletic training as they might relate to coaching, teaching, and other areas related to knowledge and skills in exercise science.		
HPE 205	FIRST AID & SAFETY EDUCATION	<i>Two credit hours</i>
Recognizing various types of illnesses, emergency and stress situations and the ability to care for an injured person until professional help arrives are among the topics explored in this course. Emphasis is also given to rendering psychological first aid, developing splinting, bandaging and transportation proficiency. Also includes building an awareness of accident problems and ways		

to prevent potential accidents in the home, school, industrial or recreational environment. HPE 205 is not applicable to the HPE Core requirement.

HPE 206 MEDICAL TERMINOLOGY *Two credit hours*

This course is an introduction to the field of medical terminology, the language of the medical profession and its allied health professions. Emphasis is on understanding basic medical terms and how they are used in communicating, documenting and reporting patient care procedures. Practical applications are provided by exercises and medical record analyses.

HPE 207W NUTRITION FOR DAILY LIVING *Three credit hours*

An introduction to the study of basic nutrition including macro and micronutrients. Course focuses on nutrition for healthy individuals throughout the stages of the life cycle with emphasis on personal diet planning. Course may be offered as FCS 207 as well as HPE 207W. Students may not earn credit for both FCS 207 and HPE 207W.

**HPE 208 EMERGENCY CARE TECHNIQUES FOR *One credit hour*
ATHLETIC TRAINERS**

Prerequisite: HPE 205 or concurrent enrollment in HPE 205. Course is open only to majors in athletic training or prior consent of the Athletic Training Program Coordinator.

Course is designed to include content and procedures related to advanced emergency care techniques needed by athletic trainers. Emphasis is given to on field management of acute injuries. Course will be offered in alternate years.

**HPE 209 RESEARCH DESIGN & STATISTICS IN PHYSICAL *Three credit hours*
EDUCATION & EXERCISE SCIENCE**

This course is designed to acquaint students with the study and principles of qualitative and quantitative research methods, the application of research principles to health and human performance and the understanding of proper research design especially as it might relate to individual and program assessment.

HPE 211W NUTRITION FOR THE ATHLETE *Three credit hours*

This course studies the scientific basis for sports nutrition and how it can be used to optimize performance. Emphasis will be on nutritional concepts related to the daily training, diet, and precompetition meal, energy utilization in exercise and recovery, body composition, use of nutrient supplements and ergogenic aids as well as the special needs of athletes.

HPE 214IF DANCE HISTORY *Three credit hours*

A survey course of the history of dance. The course is designed to present to the student a broad overview of dance in various world cultures through the ages. Applicable to the fine arts requirement of the College core and the international studies requirement of the College core. May be offered less frequently than once a year.

HPE 215 DANCE FORMS *Two credit hours*

A course focusing on the development of skills in the presentation of a variety of dance forms and rhythmic activities appropriate for middle school to young adult learners and grades four through twelve in the physical education program. Forms studied will include but not be limited to folk, square, social and line dance. Other dance and rhythmic activities may be introduced as appropriate to the study of the basic application of teaching methods and the role of rhythmic activities in a school-based physical education program.

HPE 216W FAMILY RELATIONS *Three credit hours*

A study of the developmental stages of family life from marriage through child bearing to the elderly years. Functions of families in America are studied, along with roles and interrelationships of family members, with emphasis on crises faced by families. Course formerly offered as FCS 216. Student may not receive credit for both FCS 216 and HPE 216W.

HPE 217FD DANCE APPRECIATION *Three credit hours*

Note: Course was formerly entitled Looking at Dance, two credit hours. Students may not receive credit for both Looking at Dance and Dance Appreciation.

Course is designed to introduce the student to the vast discipline of dance. Students will view and read about dance as an art form and as a theatrical vehicle and become more aware of the analysis of form and style and elements of critique in the various genres of dance. The course will

trace the American dance scene and its impact on and reflection of American culture. No previous knowledge and/or training in dance is required. Course applicable to fine arts requirement of College core. Some additional cost may be involved for purchase of performance tickets.

HPE 218W CONSUMER ISSUES *Two credit hours*

Course involves the study of consumer issues affecting individuals and families. With special attention to consumer issues in health and wellness, the course focuses on consumer alternatives in the market place, consumer legislation, and the rights and responsibilities of the consumer. Most of the content of this course was previously offered as FCS 218, Consumer Issues, three credit hours. Students may not receive credit in both FCS 218 and HPE 218W.

HPE 221W PERSONAL HEALTH *Four credit hours*

The study of the health problems and concerns of young adults in America today. Although normally selected by members of the class, topics of study usually include stress management and emotional health, chemical dependency, sexual responsibility, nutrition, fitness, heart disease, cancer and the communicable diseases including the STDs and AIDS. With the focus on prevention, students are encouraged to make lifestyle choices conducive to lifelong wellness.

HPE 222W COMMUNITY HEALTH *Three credit hours*

A study of health problems affecting entire populations, particularly environmental pollution and toxic wastes, communicable disease control, and the health risks of community living. The course surveys how community action works to reduce such risks, while investigating the crisis in health care, particularly mental health care and the role of public health agencies in the business of health promotion and disease prevention.

HPE 225 CPR/ FIRST AID/ AED INSTRUCTOR TRAINING *Two credit hours*

Prerequisite: Current ARC Certification in CPR, First Aid, AED or consent of instructor

Course will focus on the development of the knowledge, skills, and attitudes necessary to become a successful American Red Cross Instructor in CPR, First Aid, and AED. Course provides the opportunity to become a certified ARC Instructor. Course is not offered on a regular basis.

HPE 227 PRINCIPLES OF COACHING *Two credit hours*

An introductory level course for those students preparing to enter a coaching career or be involved in the management and organization of an athletic program. Through the course the student will develop guidelines and principles helpful in organizing a successful athletic program. The course will emphasize an awareness of the demands of the coaching profession and explore issues and ethical considerations significant to coaching. Course will also include a review of requirements for the completion of a minor in athletic coaching, particularly as related to enrollment in HPE 370, field experience in coaching.

HPE 230 PHYSICAL EDUCATION & RHYTHMICS FOR CHILDREN: PREKINDERGARTEN THROUGH EARLYCHILDHOOD *Three credit hours*

Prerequisite: Teacher Education Major (HPE or EDU) or consent of instructor

A study of the characteristics of children ages three through eight and prekindergarten through grade three with implications for the selection, adaptation, and teaching of appropriate movement and rhythmic activities. The focus of the course is the understanding of such concepts as basic movement, movement exploration, perceptual motor skills, developmental movement, rhythmic development, and the integration of movement and rhythmic into other areas of the early childhood school curriculum.

HPE 232 PHYSICAL EDUCATION FOR MIDDLE GRADES (4-9) *Two credit hours*

Prerequisite: Teacher Education Major (HPE or EDU) or consent of instructor

A course designed to give the student experience in the theory and practice of lead-up games to selected team sports, dual sports, gymnastics, and fitness activities as appropriate for learners ages eight through fourteen and attending grades four through nine in a physical education program.

- HPE 243 SPORT MANAGEMENT AND LEADERSHIP *Three credit hours***
Prerequisite: HPE 201 or concurrent enrollment in HPE 201 or consent of instructor
 This course is designed to be the foundation or introductory course for sport management majors. The historical development of sport management as a profession and as an academic discipline is traced. The diverse variety of opportunities in sport management is presented. Selected functional areas of contemporary sport management are surveyed relative to supervisory responsibilities of the sport management professional.
- HPE 245 HEALTH BEHAVIOR MANAGEMENT *Two credit hours***
 Introduction to key health behavior change theories and psychosocial determinants of health behaviors. Laboratory emphasis on communication, leadership, and group-process activities related to health behavior change theories and practices.
- HPE 263 SPECIAL TOPIC SEMINAR *Credits to be arranged***
- HPE 299 EXPERIMENTAL COURSE *Credits to be arranged***
- HPE 302 PHYSIOLOGY OF EXERCISE *Three credit hours***
Prerequisite: BIO 203 and BIO 204
 A study of the human body's responses to the stress of physical exercise. Topics covered include metabolic, neuromuscular, cardiovascular and pulmonary adjustments to acute and chronic exercise.
- HPE 303 HEALTH AND PHYSICAL FITNESS ASSESSMENT *Two credit hours***
TECHNIQUES
Prerequisite: BIO 203L and BIO 204L
 Measurement of human metabolic responses to exercise in laboratory and field settings. Topics include ergometry, energy expenditure, body composition, blood pressure recording, lung function during exercise, ECG interpretation, PWC tests and graded exercise testing.
- HPE 305 ATHLETIC TRAINING II: LOWER EXTREMITIES *Three credit hours***
Prerequisite: HPE 202 and BIO 203L
 A study of the anatomical structures of the lower extremities as it relates to normal surface anatomy and injury pathology including bony landmarks, ligamentous tissue and musculotendinous structures. Students will also gain an understanding of the procedures governing the care and treatment of athletic injuries as they relate to the lower extremities. Laboratory experience is designed to demonstrate the application of various tapings, wrappings, and other contemporary immobilization devices consistent with biochemical principles. This course will also include oral practical evaluation of required competencies and proficiencies in the field of athletic training.
- HPE 306 THERAPEUTIC MODALITIES *Three credit hours***
Prerequisite: BIO 203L, HPE 202 or 203, and concurrent enrollment in HPE 306L
 A study of the various therapeutic modalities used in the care and treatment of athletic injuries. The mechanical and physiological effects of these modalities will be studied along with laboratory practice and use of the actual devices.
- HPE 306L THERAPEUTIC MODALITIES LAB *One credit hour***
Prerequisite: BIO 203L, HPE 202 or 203, and concurrent enrollment in HPE 306
 A laboratory allowing for structured laboratory activities covering therapeutic modalities used in the care and treatment of the physically active, which is beyond mere setup and application of the equipment. Exposure to the mechanical and physiological effects of these modalities will reinforce the didactic segment of the HPE 306 course which prepares students to become clinicians rather than technicians.
- HPE 307 ATHLETIC TRAINING III: UPPER EXTREMITIES *Three credit hours***
Prerequisite: HPE 202 and BIO 203L
 A study of the anatomical structures of the upper extremities as it relates to normal surface anatomy and injury pathology including bony landmarks, ligamentous tissue and musculotendinous structures. Students will also gain an understanding of the procedures

governing the care and treatment of athletic injuries as they relate to the upper extremities. Laboratory experience is designed to demonstrate the application of various tapings, wrappings, and other contemporary immobilization devices consistent with biochemical principles. This course will also include oral practical evaluation of required competencies and proficiencies in the field of athletic training.

HPE 308 ATHLETIC TRAINING ADMINISTRATION Two credit hours

Prerequisite: HPE 202 and junior or senior standing

A course designed to study the management and administration of athletic training programs in clinical, high school, college, professional and industrial settings. Facility requirements and development will be discussed along with personnel requirements and hiring. Time will be spent on the maintenance and utilization of medical records, liability and insurance requirements. Standards and emergency operating procedures will be covered as will public relations and the use of computers and information technology in an athletic training environment. This course will be offered in alternate years.

HPE 309 THERAPEUTIC EXERCISE Three credit hours

Prerequisite: BIO 203L and HPE 202 or 203

A study of the principles and application of therapeutic exercise. The course content will focus on the components of a physical restoration program, including determinants of therapeutic goals, selection of modalities and exercise, methods of recording progress and development of criteria for progression. This course will also include oral practical evaluation of required competencies and proficiencies in the field of athletic training.

HPE 311 TECHNIQUES OF INSTRUCTION Three credit hours

Prerequisite: HPE 230, HPE 232, experience in a variety of activity areas, and junior or senior standing.

A study of the principles and practices of successful teaching techniques as they apply to physical education programs designed especially for adolescent to young adult learners and in grades seven through twelve.

HPE 312W SUBSTANCE ABUSE/CHEMICAL DEPENDENCY Two credit hours

Drug use remains a major problem in our communities and in our schools. This course will study the problem. Students will be exposed to many of the difficulties created by alcohol and drug abuse, the complexities of dependency and recovery, and will learn prevention strategies.

HPE 315 PRINCIPLES OF HEALTH EDUCATION Two credit hours

A study of the purpose, scope and nature of health education through consideration of the behavioral and philosophical perspectives of the field. A search for and development of principles guiding the operation of health education in the schools, the community, and in public health agencies.

HPE 316 HEALTH SERVICES Two credit hours

School health services and healthful school environments are studied as components of the total school health program. Public health services are considered in relation to the goals of health promotion and disease prevention.

HPE 318 TEACHING OF HEALTH EDUCATION Three credit hours

A study of the various teaching strategies effective in health promotion, featuring a survey of facilitation methodology and skills, and a look at the teaching behaviors conducive to learner achievement in health education. In addition to implementing teaching strategies, students will practice curriculum design and evaluation.

HPE 319W CHILD IN THE FAMILY Three credit hours

Prerequisite: HPE 216W or junior/senior standing

A study of the factors involved in the physical, cognitive, social, emotional, and language development of children through age six. The home environment and other factors (e.g. childcare centers, family day care, community support) important to the total development of children are emphasized. Practical applications to solve problems or to deal with day-to-day issues facing families with young children are explored. Course formally offered as FCS 308. Student may not receive credit for both FCS 308 and HPE 319W. This course will be offered in alternate years.

are encouraged to complete more than two. Each special topic will be offered as a 2-credit course. Among special topics to be offered:

HPE 343M Ethics in Sport Management

Prerequisite: HPE 243 and PHL 1011

Course designed to link principles of moral reasoning, social responsibility, and personal values to choices made by participants, spectators, consumers, and leaders in a sport organization or sport setting.

HPE 343R Legal Issues in Sport Management

Prerequisite: HPE 243 and BUS 326

Course is designed to focus on legal concerns and responsibilities that must be assumed by a manager of a sport organization or in a sport setting.

HPE 343B Budgeting, Finance, and Economics in Sport Management

Prerequisite: HPE 324 and ECN 101

Issues of financial management in sport and sport-related industries are examined. Primary areas of study include concepts related to budget development and basic accounting procedures, purchasing, identification of revenue sources, and financial management through use of computer applications.

HPE 344 SPORT MANAGEMENT & MEDIA RELATIONS Two credit hours

Prerequisite: HPE 243 or consent of instructor

The content of the course focuses primarily on print and broadcast media, and sports journalism, and includes study of the public relations responsibilities of coaches, athletic directors, and the sports information director.

HPE 345 FITNESS & HEALTH PROMOTION PROGRAM MANAGEMENT & LEADERSHIP Three credit hours

Prerequisite: HPE 201 and junior/senior standing or consent of instructor

Equips the student with a series of management, promotion, and other administrative tools necessary to successfully operate health and/or fitness related programs. Presents design, implementation, evaluation, and problem solving for fitness and health promotion in such settings as health spas, recreation complexes, corporate fitness centers, hospital wellness programs, public and private sport/athletic facilities. Encourages and enhances a student's knowledge of proper group exercise instruction including assessment of certifications and a working knowledge of proper group exercise leadership. Develops leadership and technical skills needed to offer group exercise programs that are safe and effective.

HPE 346 SPORT MARKETING Two credit hours

Prerequisite: HPE 243 and BUS 330

Principles of marketing sport at the amateur, collegiate, and professional levels are examined, with special emphasis placed on consumer behavior, promotional licensing, sponsorship, fundraising, and the understanding of sport as a product.

HPE 347 HISTORICAL, PHILOSOPHICAL, AND CURRICULAR FOUNDATIONS OF PHYSICAL EDUCATION Three credit hours

Prerequisite: Physical Education Major and junior/senior standing

A course designed to study the philosophy, history, and goals involved in the physical education profession and how this knowledge forms the basis for the study of curriculum development in physical education programs designed for learners from ages three through twenty-one and attending prekindergarten through grade twelve in school-based programs.

HPE 352 MOTOR LEARNING & DEVELOPMENTAL MOVEMENT Three credit hours

Prerequisite: HPE 201 and junior/senior standing

This course includes a study of the psychological factors affecting the development of motor

skills, learning theories and their application to motor skills, the nervous system, including perceptual mechanism, and the factors relating to the development of motor skills throughout the life cycle. Applications of conceptual principles to practical motor skill learning will be stressed.

HPE 370 FIELD EXPERIENCE IN COACHING Zero credit hours

Prerequisite: HPE 227

This non-credit experience is an introduction to the coaching profession. A minimum of 15 clock hours must be spent in an athletic coaching setting pre-approved by HPE Division. All requirements and paperwork needed for completion of the field experience will be distributed in HPE 227. Students who have an opportunity to successfully complete HPE 070, coaching internship, may request that it substitute for HPE 370. Graded S-U.

HPE 404 PRINCIPLES OF SPORT AND PHYSICAL EDUCATION Two credit hours

Prerequisite: HPE 201 and junior/senior standing or consent of instructor

The focus of this course is an exploration of principles, issues, and ethical considerations that are significant in the formulation of policies and development of procedures for programs of sport and physical education.

HPE 406 PSYCHOLOGY OF COACHING Two credit hours

Prerequisite: HPE 227 or consent of instructor

Study of the nature and responsibilities of the coaching profession, including the psychological aspect of teaching sports and motivating individuals and teams. General coaching organization and staff training is included.

HPE 423D EXERCISE PRESCRIPTION FOR SPECIAL POPULATIONS Three credit hours

Prerequisite: HPE 302 and HPE 303

The course will focus on exercise prescriptions and development of exercise programs. Attention will be placed on understanding the pathophysiology, medical interventions and exercise protocols for persons with osteoporosis, cardiovascular disease, diabetes, pregnancy, and hypertension. The student will demonstrate competence and skills necessary to deliver safe and valid exercise prescriptions.

HPE 424 HUMAN SEXUALITY EDUCATION Three credit hours

Prerequisite: Junior/senior standing or consent of instructor

A study of human sexuality in relation to oneself and others, this course explores sexual behavior and its impact on sexual health. The principle of sexual responsibility is a central theme guiding the development of decision-making skills leading to risk reduction and the prevention of unwanted intimacy, unwanted pregnancy, and disease. In addition to learning the content of sex education, students will practice and evaluate teaching strategies designed for effective Family Life Education.

HPE 443 SPORT MANAGEMENT CAPSTONE One credit hour

Prerequisite: HPE 243, Sport Management Major, and senior standing

Course is designed to be the final or among final courses taken in the required curriculum in sport management. Course activities will focus on integrating the knowledge and skills included in the sport management curriculum especially as they may be applied to a student's entry to graduate school opportunities, and networking in the profession.

HPE 445 THEORY AND PRACTICE OF STRENGTH AND CONDITIONING Three credit hours

Prerequisite: BIO 203L and BIO 204L, junior/senior standing, or consent of instructor

Course is designed to provide in-depth content on the theory and practice of designing resistance exercise programs and the scientific basis for such programs; also covers practical aspects such as exercise technique, safety issues, administration of strength and conditioning programs, and considerations for special populations.

HPE 451 KINESIOLOGY/BIOMECHANICS *Three credit hours*

Prerequisite: BIO 203L

A study of the structural and biomechanical aspects and principles of movement particularly as they relate to sport, dance, and exercise.

HPE 463 ADVANCED SPECIAL TOPIC SEMINAR *Credit hours to be arranged*

HPE 470 CLINICAL EXPERIENCE IN ATHLETIC TRAINING *One to two credit hours*

Prerequisite: HPE 202, acceptance into the clinical athletic training program and approval of Program Director

Upperclass clinical experience in athletic training. A total of eight credits in HPE 470 must be earned as part of clinical hours required by NATA for certification and licensure and for completion of the Athletic Training Concentration. Course may be taken more than once. Maximum credits in the course per term is two. Clinical hours will be supervised by the Program Director and/or clinical instructor. This course will combine clinical hours with a weekly classroom session to review advanced athletic training topics including pharmacology, pathophysiology, medical illness, cultural diversity issues and other topics deemed appropriate by NATA Role Delineation studies. Combination of credits earned in HPE 470 and HPE 070 may not exceed a total of 14 applicable to the minimum credits needed to graduate. HPE 470 is graded S/U.

HPE 471 INTERNSHIP IN SPORT MANAGEMENT *Two-three credit hours*

Prerequisite: HPE 243, Sport Management Major, junior or senior standing

Purpose of the internship is to give the sport management student hands-on, pre-professional, on-site experience and the opportunity to interact with a working professional. The internship is supplemented by regular meetings with faculty supervisor of the internship.

HPE 491,492 DEPARTMENTAL THESIS/PROJECT *Credit hours to be arranged*

See [Departmental Thesis/Project, Section II.](#)

HISTORY

The Department of History views the purposes of teaching history to be: (1) to supply the student with an understanding of the past upon which the structure of modern society is built; (2) to present a historical background for the arts, music, literature, religion, philosophy, the sciences, social sciences and business of the present; (3) to provide students with a sound foundation in history in order to teach their subject; (4) to prepare students for graduate school, government service or professional school; and (5) to assist students in developing skills in problem solving in their field of study.

A general prerequisite for all 200, 300, and 400-level courses is the successful completion of a 100-level history course.

The only other prerequisite is for HIS 461. A minimum of 17 credit hours in history courses is required before enrollment. Any course currently offered by the Department may be used to satisfy the humanities core requirement. History courses at the 100 and 200 level are survey courses and may be approached chronologically or topically, as the interests of the professor and the students warrant. The 300-level courses are in-depth studies of particular topics or periods and may vary from year to year. HIS 260I and HIS 360I may be taken more than once, provided the topic has been changed.

A transfer student is required to take at least 17 history credits at B-W to graduate with a history major.

History Major

Computer Code: HIST

Minimum credits required: 33 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

HIS	101I&102I	World Civilizations I & II	OR	3 credits each
HIS	121I&122I	History of Europe I & II	AND	3 credits each
HIS	151&152	History of the U.S. I & II		3 credits each
HIS	461	Historiography		3 credits*

One course in a non-Western field, i.e. History 227I, 236I, 260I (where relevant), 267I, 287I, 288I, 291I, 360I (where relevant), 381I, 389I, 391I, 392I.*

In addition, a history major must successfully pass the Department of History Comprehensive Examination and complete a Senior Learning Statement. It is recommended that a student achieve a balance among European, American, and non-Western courses. It is also strongly recommended that a history major take more than the absolute minimum hours required. Special programs may be designed for the student seeking a double college major, such as business-history, art-history, sociology-history, political science-history, psychology-history, etc.

Students majoring in history may prepare to teach in the secondary schools. Details of courses necessary to become licensed may be obtained from the Department of History or the Division of Education. See Division of Education program.

History Minor

A minor in history consists of a minimum of 17 credit hours. Whereas no specific courses are required, it is expected that upon consultation with a member of the Department of History, students will develop a program that is evenly balanced between European, American, and non-Western courses and between introductory courses and advanced courses. For the history minor, it is preferable to have a more general knowledge over several areas than to have in-depth knowledge of a single area.

History Course Descriptions

HIS 050(I) INDEPENDENT STUDY *One to four credit hours*

See [Independent Study Program, Section II.](#)

HIS 070 INTERNSHIP *Credit hours to be arranged*

See [Internship, Section II.](#)

HIS 100 METHODS & MATERIALS *Two credit hours*

This course is designed to provide incoming history majors with the basic skills they need. Topics include study skills, source analysis, research skills, introduction to the library and internet resources, historical writing, and careers in History. Freshman history majors only.

HIS 101I,102I WORLD CIVILIZATIONS I,II *Three credit hours each*

HIS 101I explores the origins, developments, and interactions of the world's peoples, cultures, and states from prehistory to 1500. HIS 102I explores the development and interaction of the world's peoples, cultures, and states from 1500 to the present.

HIS 121I,122I HISTORY OF EUROPE I,II *Three credit hours each*

The purpose of these courses is to give students a good foundation in the events of the past in order to help them achieve historical understanding of the present. HIS 121I emphasizes the periods of the Renaissance, the Reformation, Absolutism, the Enlightenment, the French Revolution, Napoleon and the development of the national state. HIS 122I begins with the Napoleonic era and includes the age of reaction, the industrial revolution, the rise of liberalism and socialism, the cultural developments of the modern period, the causes and results of the world wars, and postwar developments to the present.

HIS 151,152 HISTORY OF THE UNITED STATES I,II *Three credit hours each*

A comprehensive analysis of the origins and growth of American civilization. The first course covers the development of the United States from the discovery period to the end of the Civil War. The second course covers from 1865 to the present.

HIS 170D DIVERSITY IN AMERICA

This course covers the issue of diversity in America from the colonial era to the present. Topics may include: racial diversity, national origins, women's issues, differing creeds, and sexual orientation.

HIS 209I CHURCH HISTORY *Three credit hours*

Prerequisite: One 100-level history course

A survey of selected topics in the history of the Christian Church from the close of the Apostolic Age to the present. Attention is centered on the evolution of ecclesiastical institutions, the emergence of Christian theology and Christian biography. See REL 264II. May be taken for History or Religion credit, but not both.

HIS 211I ANCIENT AND MEDIEVAL HISTORY *Three credit hours*

Prerequisite: One 100-level history course

A survey of the life, ideas, and institutions of Greek Civilization, the Roman Empire, and the Middle Ages. Emphasis will be placed on the evolution of governmental systems, social and economic phenomena, and cultural developments.

- HIS 227I HISTORY OF AFRICA** **Three credit hours**
Prerequisite: One 100-level history course
 This course provides a basic survey of African history. Attention will be given to the development of African kingdoms and their fall during the African colonial period. Particular emphasis is placed on the period of independence and the political, social, economic and cultural aspects of the modern states of Africa.
- HIS 235I WOMEN IN WESTERN CIVILIZATION** **Three credit hours**
Prerequisite: One 100-level history course
 A study of the role and impact of women on the development of Western society. Special emphasis is placed on the biographies of significant and influential women.
- HIS 236I WOMEN IN EASTERN CIVILIZATIONS** **Three credit hours**
Prerequisite: One 100-level history course
 An introduction to the history of non-western societies through the eyes of women. Special emphasis is placed on the biographies of significant and influential women. No prior knowledge of non-western history is required.
- HIS 239I HISTORY OF WAR** **Three credit hours**
Prerequisite: One 100-level history course
 A survey of Western warfare from antiquity to the present.
- HIS 240I WAR AND PEACE IN THE TWENTIETH CENTURY** **Three credit hours**
Prerequisite: One 100-level history course
 A concentrated study of 20th-century wars, from World War I through World War II and beyond. Included are the history of international relations from the 19th century on, treaties, settlements, and peace attempts, and the discussion of various theories as to the causes of World War I and World War II.
- HIS 245I RUSSIA** **Three credit hours**
Prerequisite: One 100-level history course
 The history of Russia from the 800s with much emphasis on the 19th and 20th centuries: war, revolution, communism and modernization struggles.
- HIS 260(I,D) TOPICS IN HISTORY** **Three to four credit hours**
Prerequisite: One 100-level history course
 A basic introduction to specific areas or fields of history.
- HIS 267I VIETNAM: CAUSES AND CONSEQUENCES** **Three credit hours**
Prerequisite: One 100-level history course
 An in-depth, intensive study of the causes, impact and legacy of a seemingly endless struggle in Vietnam. Emphasizing the history and culture of Vietnam and utilizing lectures, readings, discussion and video material, the course will attempt to highlight the clash of cultures and sort out the blur of images which is the continuing legacy of Vietnam today.
- HIS 271I BRITISH HISTORY I** **Three credit hours**
Prerequisite: One 100-level history course
 A broad survey of British history from the Norman Conquest to the Glorious Revolution, 1066 to 1688. Topics include the creation of common law, the rise of Parliament, the Wars of the Roses, absolutism vs. constitutionalism, and the creation of a British state.
- HIS 272I BRITISH HISTORY II** **Three credit hours**
Prerequisite: One 100-level history course
 A broad survey of British history from 1688 to the present. Topics include constitutionalism, Parliamentary dominance, acquisition and loss of empire, the rise of Labour, the Irish troubles, and conservatism vs. New Labour.

- HIS 287I EARLY ISLAM *Three credit hours***
Prerequisite: One 100-level history course
 An investigation of the historical origins of Islam and the beliefs and practices of the early Islamic community. Special attention will be given to Islam's transformation of Arabian civilization, contextual study of the Qur'an, and the evolution of doctrines that have contemporary relevance.
- HIS 288I ISLAMIC HISTORY 600-1800 *Three credit hours***
Prerequisite: One 100-level history course
 Explores the economic, intellectual, and cultural developments of the Islamic empires in Syria, Iran, India, Anatolia, and North Africa.
- HIS 291I EAST ASIA *Three credit hours***
Prerequisite: One 100-level history course
 Concentration is on the history of China and Japan from ancient times. The political, social, cultural, religious and economic backgrounds as well as modernization, revolution and war.
- HIS 313I RENAISSANCE & REFORMATION *Four credit hours***
Prerequisite: One 100-level history course
 This course offers studies in the civilization of Europe from the 14th through the 16th centuries. Emphasis is placed on the cultural, religious, political, social and economic aspects of the period.
- HIS 321 AGE OF REASON *Four credit hours***
Prerequisite: One 100-level history course
 An in-depth examination of European history in the 17th and 18th centuries (ca. 1618-1815), providing a more advanced and specialized study of topics introduced in HIS 1211 and 1221. Topics covered include the Thirty Years' War, absolutism vs. constitutionalism, Scientific Revolution, social and cultural changes, wars and diplomacy, the Old Regime, the Enlightenment, the French Revolution, and Napoleon.
- HIS 323I THE FRENCH REVOLUTION *Four credit hours***
Prerequisite: One 100-level history course
 Historical developments from the age of Louis XIV to 1815, including the history of the Enlightenment of the 17th and 18th centuries, the scholarly theories and controversies about the causes and the significance of the Revolution, the various interpretations of the different stages of the Revolution, the Napoleonic regime and the debate among historians over its nature.
- HIS 331I EUROPE IN THE NINETEENTH CENTURY *Four credit hours***
Prerequisite: One 100-level history course
 A more advanced and more specialized study of topics presented in HIS 1221.
- HIS 333I EUROPE IN THE TWENTIETH CENTURY *Four credit hours***
Prerequisite: One 100-level history course
 A more advanced and more specialized study of topics presented in HIS 1221.
- HIS 341I EUROPEAN INSTITUTIONAL DEVELOPMENT *Four credit hours***
Prerequisite: One 100-level history course
 In-depth studies of selected topics and individuals in one or more of the following areas of European history: social, cultural, intellectual, economic, political and diplomatic. Emphasis will be placed on the role of ideas. Specific topics will be announced each semester. (May be taken more than once for credit provided the topic has been changed).
- HIS 345I TRADITIONAL RUSSIA *Four credit hours***
Prerequisite: One 100-level history course
 The history of Russia from the founding of the Russian state in 862 to the emancipation of the serfs in 1861, stressing the emergence of traditional Russian political, economic, and social institutions and its cultural heritage.

- HIS 346I MODERN RUSSIA *Four credit hours***
Prerequisite: One 100-level history course
 The history of Russia from the emancipation of the serfs in 1861 to the collapse of the Soviet Union and beyond, with an emphasis upon the Russian revolutionary tradition, the rise and fall of Communism, and the multiethnic dimension of modern Russian history.
- HIS 347I TUDOR-STUART ENGLAND *Four credit hours***
Prerequisite: One 100-level history course
 An in-depth examination of English/British history between 1485 and 1714, providing a more advanced and specialized study of topics introduced in HIS 271I, British History I. Topics covered include the English Reformation, the Elizabethan Renaissance, the English Civil War, the Restoration, and the Glorious Revolution.
- HIS 348I ROMANTIC AND VICTORIAN BRITAIN *Four credit hours***
Prerequisite: One 100-level history course
 An in-depth examination of British history between 1714 and 1901, providing a more advanced and specialized study of topics introduced in HIS 272I, British History II. Topics covered include the Hanoverian Century, the rise of constitutionalism and the emergence of Parliament as the dominant partner in the political sphere, the British empire, and the Victorian consciousness.
- HIS 349I MODERN BRITAIN *Four credit hours***
Prerequisite: One 100-level history course
 An in-depth examination of British History since 1901, providing a more advanced and specialized study of topics introduced in HIS 272I, British History II. Topics covered include the rise of Labour, the Irish question, the experience of total war, the construction of the welfare state, imperial decline, Thatcherism, New Labour and the impact of the European union.
- HIS 350 COLONIAL AMERICA *Four credit hours***
Prerequisite: One 100-level history course
 A study of the exploration, conquest, and settlement of the New World. Topics include the growth of Anglo-American society, the development of Anglo-Indian relations, the origins of slavery, and the causes and consequences of changes in British imperial policy.
- HIS 351 THE AMERICAN REVOLUTION *Four credit hours***
Prerequisite: One 100-level history course
 A study of the causes, development, and consequences of the Revolutionary War. The course also covers the post-war developments that led to the creation and ratification of the Constitution.
- HIS 352 JEFFERSON-JACKSON *Four credit hours***
Prerequisite: One 100-level history course
 A study of the United States from the Constitutional Convention of 1787 to the mid-nineteenth century. Topics will include the first and second political party systems, the War of 1812, westward expansion, slavery, reform movements, the transportation and communications revolutions, and the Mexican War.
- HIS 353 U.S. CIVIL WAR *Four credit hours***
Prerequisite: One 100-level history course
 Studies of selected problems related to the forces in the United States that resulted in the Civil War, the war itself and the problems of the Reconstruction.
- HIS 354 VICTORIAN AMERICA *Four credit hours***
Prerequisite: One 100-level history course
 This course will provide an intensive examination of the period from the centennial year of 1876 to the presidential election of 1920. Emphasis will be placed on the interplay of political, social, and economic forces in the development of the United States into an industrial and world power. Topics will include the rise of industrial and urban America, the impact of immigration, the growth of organized labor, the emergence of the New South, cultural conflict and the technological transformation of society, Gilded Age politics and the crises of the 1890s, Progressivism and the rise of the regulatory state, the Spanish-American War and U.S. involvement in world affairs, the United States in World War I, and the post-war Red Scare.

- HIS 355 MODERN AMERICA: 1920-1945 Four credit hours**
Prerequisite: One 100-level history course
 A study of the growth of the United States as an urban -industrial nation and consequent problems of economic power and political adjustment. The course highlights the growth of the United States as a world power. Topics discussed include the end of World War I, the Roaring Twenties, the agony of the Depression Thirties and World War II at home and abroad.
- HIS 356 RECENT AMERICA: 1945-PRESENT Four credit hours**
Prerequisite: One 100-level history course
 A study of domestic and foreign issues in America from 1945 to the present. In-depth analysis of major political, social and economic changes and adaptations. Emphasis is placed on change and continuity in domestic and foreign policies in the cold-war Forties, the "flat" Fifties, the "sick" Sixties, the "selfish" Seventies and the early Eighties.
- HIS 360I AN IN-DEPTH STUDY OF TOPICS IN HISTORY Three to four credit hours**
Prerequisite: One 100-level history course
 The topics will be supplementary to the material offered in 300-level courses, but taught in a more specific manner. This course can be taken more than once if the subject matter has changed.
- HIS 363 GLOBAL AMERICA Four credit hours**
Prerequisite: One 100-level history course
 An in-depth survey of United States foreign relations with special emphasis on its characteristics, development and effectiveness within a given historical period. Topics include all of America's wars from the Revolution to World War II, expansion, imperialism, isolationism, the impact of world-power status and the continuing problems of foreign policy in a democracy.
- HIS 381I THE ARAB-ISRAELI CONFLICTS Four credit hours**
Prerequisite: One 100-level history course
 An exploration of the Arab-Israeli conflicts from the beginning of Jewish settlement in Ottoman Palestine in the 1880s to the present time.
- HIS 389I THE MODERN MIDDLE EAST Four credit hours**
Prerequisite: One 100-level history course
 An introduction to the history of the Middle East in the 19th and 20th centuries. The dominant theme of the course is Middle Eastern peoples' engagement with western ideas and their rediscovery of their own traditions as means to grapple with western political and economic domination. Topics include 19th century reformism (political, military, economic, and religious), economic dependency, Imperialism, Zionism, the Arab-Israeli conflict, Arab socialism and the rise to power of Saddam Hussein, the Iranian revolution, the rise of Islamic fundamentalist and militant groups.
- HIS 391I HISTORY OF CHINA Four credit hours**
Prerequisite: One 100-level history course
 The history of China from deepest antiquity through the present, emphasizing changes in political, social, cultural, and intellectual life and relations between China and the outside world.
- HIS 392I HISTORY OF JAPAN Four credit hours**
Prerequisite: One 100-level history course
 A study of the development of Japan's political, social, and cultural institutions and Japan's relations with other states and peoples from prehistory to the present.
- HIS 461 HISTORIOGRAPHY Three credit hours**
Prerequisite: Minimum of 17 credit hours in history courses or consent of the instructor
 This course is designed to provide students with a knowledge of the history of writing history, including interpretations of major historical topics. The course also trains students in historical research methods and the writing of a research paper. Required of all history majors.
- HIS 463I SEMINAR IN HISTORY Two to four credit hours**
 Must have consent of the instructor.

HIS 491,492

DEPARTMENTAL THESIS/PROJECT

***Credit hours to be
arranged***

For further details see [Departmental Thesis/Project, Section II.](#)

INTERNATIONAL STUDIES

The interdisciplinary major in international studies is designed to assist the student in developing the ability to analyze complex global issues, to function successfully in an international environment and to develop intercultural sensitivity. These objectives are met by a program which combines interdisciplinary analysis with courses in sociology, earth science, political science, history, economics and religion as well as competence in a foreign language. A required interdisciplinary seminar is used to focus attention on special problems of international concern. This major provides students with the flexibility to pursue their own special interests once the basic requirements are fulfilled. Some students may wish to combine the International Studies major with a second major in any of the required areas, business, foreign language or any other college major. The College encourages students to study abroad and many opportunities are available through the Explorations/Study Abroad Office.

International Studies Major

Computer Code: INTS

Minimum credits required: 31-59 depending on prerequisites and language proficiency

Required courses (*=Prerequisite Required)

(1) All students are required to complete

INT	100I	Introduction to the International Studies	3 credits
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(2) In order to provide an interdisciplinary basis for understanding global issues all students will complete:

a. one course from

Group 1

POL	211I	International Politics	4 credits
POL	221I	Intro to Comparative Politics	4 credits

b. plus one course from three of the four groups which follow:

Group 2

GEO	111	The Dynamic Earth	4 credits
GEO	121I	Physical Geography	4 credits
GEO	150	Regional Geology	2 credits
GEO	200	Geo-Orienteering	3 credits
GEO	227	Environmental Geology	3 credits
GEO	229	Oceanography	3 credits
POL	205	Environmental Politics	3 credits
POL	214I	Political Geography	3 credits
BIO/POL	200I	Humans and the Earth	3 credits
ECN	150I	Humans and the Earth	3 credits

Group 3

HIS	227I	History of Africa	3 credits*
HIS	245I	Russia	4 credits*
HIS	260I	Topics in History (when topics are international)	3 credits*
HIS	288I	Islamic History 600-1800	3 credits*
HIS	291I	East Asia	3 credits*

Group 4

ASN	100I	Understanding Asia	3 credits
ART	232IF	Western Art II	4 credits
ART	235IF	Topics in Non-Western Art	3 credits
HUM	285I	Intercultural Communication	3 credits
MUL	178IF	World Music	3 credits
REL	101I	Religions of India	3 credits
REL	102I	Religions of China and Japan	3 credits
REL	106I	Hinduism	2 credits
REL	107I	Buddhism	2 credits
REL	108I	Islam	2 credits
REL	201I	Buddhist Culture in Asia	3 credits
REL	215I	Death/Afterlife in World's Religions	3 credits
REL	217I	Religion & Violence	3 credits
REL	262	Green Business	3 credits
SOC	181I	Cultural Anthropology	3 credits
SOC	286I	Global Perspectives	3 credits
SOC	270	Terrorism: Roots and Responses	3 credits
HIS	236I	Women in Eastern Civilizations	3 credits*
HIS	267I	Vietnam	3 credits*
HIS	287I	Early Islam	3 credits*
GER	275I	Introduction to German Literature	4 credits*
FRN	275I	Introduction to French Literature	4 credits*
SPN	275I	Introduction to Hispanic Literature	4 credits*

Group 5

ECN	365I	International Economics	3 credits*
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(3) The student should select four upper division electives from at least two disciplines in any of the concentrations listed below. If a student desires a concentration in one of the areas listed below, at least four courses must be chosen in one concentration area with no more than three from one discipline. Special topic courses may be substituted where appropriate with the approval of the International Studies advisor. Students are responsible for meeting any prerequisites which exist within departments for upper division courses listed below.

⊂ = Courses are offered alternate years.

= Courses may only be counted if not chosen as a basic requirement.

International Business and Economics

ECN	358	Environmental Economics <u>«</u>	3 credits*
ECN	360I	Comparative Economic Systems <u>«</u>	3 credits*
ECN	362I	Economics of Developing Countries <u>«</u>	3 credits*
ECN	365I	International Economics <u>#</u>	3 credits*
BUS	329	Corporate and Management Ethics	3 credits
BUS	436I	International Marketing	4 credits*
BUS	444I	International Financial Management	4 credits*

Foreign Policy and Diplomacy

POL	311I	American Foreign Policy <u>«</u>	3 credits
POL	314I	Comparative Foreign Relations <u>«</u>	3 credits
POL	315I	International Organization	3 credits
POL	322I	Russia and Eastern Europe <u>«</u>	3 credits
POL	326I	Special Comparative Political Studies <u>«</u>	3 credits
HIS	381I	The Arab-Israeli Conflicts	4 credits*

History, Society and Culture

POL	321I	Democracy and Democratization	3 credits
POL	329I	Government and Politics in Sub-Saharan Africa	3 credits
HIS	345I	Traditional Russia	4 credits*
HIS	346I	Modern Russia	4 credits*
HIS	348I	Hanoverian and Victorian Britain	4 credits*
HIS	349I	Twentieth Century Britain	4 credits*
HIS	356	Recent America: 1945-Present	4 credits*
HIS	363	Global America	4 credits*
HIS	389I	Modern Middle East	3 credits*
ENG	335I	Studies in World Literature	4 credits*
SOC	302D	Racial and Cultural Minorities	3 credits*
SOC	303I	Urban Community Life	3 credits*

Latin American and Caribbean Studies

ECN	362I	Economics of Developing Countries <u>«</u>	4 credits*
SPN	311I	Spanish-American Civilization <u>«</u>	3 credits*
SPN	376I	Survey of Spanish-American Literature <u>«</u>	3 credits*

Asian Studies

ECN	362I	Economics of Developing Countries <u>«</u>	3 credits*
HIS	391I	History of China	4 credits*
HIS	392I	History of Japan	4 credits*
POL	327I	Political Change in Asia	3 credits
REL	393I	Religious Thinkers of Asia	4 credits*

European Studies (including Russia)

POL	314I	Comparative Foreign Relations	3 credits
POL	322I	Russia and of Eastern Europe <u>Ⓞ</u>	3 credits
ENG	335I	Studies in World Literature (when focus is European)	4 credits*
HIS	345I	Traditional Russia	4 credits*
HIS	346I	Modern Russia	4 credits*
HIS	348I	Hanoverian and Victorian Britain	4 credits*
HIS	349I	Twentieth Century Britain	4 credits*
HIS	360I	Topics in History	3-4 credits*
ART	431IF	Nineteenth Century Art	3 credits
ART	432IF	Twentieth Century Art	3 credits
GER	310I	German Civilization <u>Ⓞ</u>	3 credits*
GER	375I	Survey of German Literature I <u>Ⓞ</u>	3 credits*
GER	376I	Survey of German Literature II <u>Ⓞ</u>	3 credits*
FRN	310I	French Civilization I <u>Ⓞ</u>	3 credits*
FRN	311I	French Civilization II <u>Ⓞ</u>	3 credits*
FRN	375I	Survey of French Literature I <u>Ⓞ</u>	3 credits*
FRN	376I	Survey of French Literature II <u>Ⓞ</u>	3 credits*
SPN	310I	Spanish Civilization <u>Ⓞ</u>	3 credits*
SPN	375I	Survey of Spanish Literature <u>Ⓞ</u>	3 credits*

(4) Students who complete the major in International Studies will be required to exhibit competence in at least one foreign language, that is, a language other than their native language. Students whose native language is English may attain foreign language competence in one of the modern languages taught at Baldwin-Wallace by completing the following courses (or their equivalents):

FRENCH: 201, 202, 221I; and one of the following: 310I, 311I, 375I*, 376I* or 463*

GERMAN: 201, 202, 221I; and one of the following: 310I, 375I*, 376I* or 463*

SPANISH: 201, 202, 221I and one of the following: 310I, 311I, 375I*, 376I* or 463*

CHINESE: See Chair of the Foreign Language Department for course requirements.

In completing these requirements, students are strongly urged to study abroad. The final element in the competency evaluation process will be a half-hour interview, in the target language, with a member or members of the appropriate section of the Department of Foreign Languages and Literatures. For this interview the students will choose a topic of interest to them. The choice should be made well in advance of the date set for the interview and in consultation with a professor of the target language. Students are then required to speak on this topic for 15 minutes and to answer questions on it. The remaining minutes of the interview will be spent in general conversation. This interview will be arranged during the Fall Semester of the student's senior year. A student who is earning a major or a minor in the target language is exempt from this interview.

Students presenting competence in other languages or those whose native language is not English must see the Chairman of the Department of Foreign Languages for requirements. For students whose native language is not English, completion of Baldwin-Wallace's English requirement for graduation will satisfy the language competency requirement.

All students intending to complete a major in International Studies at Baldwin-Wallace College should identify themselves at the earliest possible point in their academic careers to the Chair of

the Department of Foreign Languages so that a program insuring timely completion of the language competence requirement can be established.

(5) Finally, each student must take an integrative seminar intended to help students achieve an ability to deal with complex problems in International Studies requiring an integration of knowledge from diverse fields of study. Methodological concerns will be of great importance; a research paper may be among the products of this seminar. The seminar, which may be team-taught, will be offered each spring semester by professors in the departments associated with the International Studies major, and will deal with selected topics chosen by the professors offering the course. Consult the course schedule for relevant departments, time and topics.

A student may repeat the seminar provided the topics covered are different. It is suggested that students register for the seminar in the junior or senior year after completing the basic requirements, though they may do so at any time with the consent of the instructors involved. (NOTE: All majors would benefit by taking a research methods class in one of the departments responsible for basic requirements courses in the International Studies major. Students who plan to attend graduate school or law school are strongly encouraged to do so.)

International Studies Minor

Minimum Credits Required: 18

Required courses:

INT 1001 INTRODUCTION TO INTERNATIONAL STUDIES *Three credit hours*

This course studies how individuals acquire their cultural, national and state identifications and how these varied identifications complicate coping with a variety of global challenges arising from increasing interdependence and, through case studies and simulations, challenges students to adopt different perspectives and experience the possible cooperation or conflict which results. It provides an introduction to a global community in transition in the post-Cold War world and to the interdisciplinary approach which characterizes the IS major.

The course is appropriate for freshmen and other students who may count it toward the B-W core curriculum International Studies and/or Social Sciences requirements.

- One (1) course each from three (3) of five required groups listed above 9-12 credits
- Two (2) 300-400 courses from two different disciplines in concentrations listed above or from interdisciplinary seminar offerings 6-8 credits

Courses most appropriate to the student's interests should be chosen in consultation with one of the members of the Committee Supervising the International Studies Major. At least a year's study of a related foreign language is highly recommended.

International Studies Course Descriptions

INT1001 INTRODUCTION TO INTERNATIONAL STUDIES *Three credit hours*

This course studies how individuals acquire their cultural, national and state identifications and how these varied identifications complicate coping with a variety of global challenges arising from increasing interdependence and, through case studies and simulations, challenges students to adopt different perspectives and experience the possible cooperation or conflict which results. It provides an introduction to a global community in transition in the post-Cold War world and to the interdisciplinary approach which characterizes the IS major. The course is appropriate for freshmen and other students who may count it toward the B-W core curriculum International Studies and/or Social Science requirements.

LEADERSHIP STUDIES MINOR

The David Brain Minor in Leadership Studies is designed to educate people for and about leadership. The multi-disciplinary minor in leadership studies, grounded firmly in the liberal arts, provides students with a rigorous course of study. Leadership education requires linking theory with practice. The program extends beyond the traditional classroom and combines theory with experiential learning so that students gain a sense of leadership as praxis. To that end, service learning is woven directly into each of the courses. The David Brain Leadership Program views leadership as a form of stewardship. Accordingly, it assumes that the obligations of leadership fall to every citizen of the world; thus all individuals can assume leadership in one way or another. In doing so, the program aims to make a difference both in lives of Baldwin-Wallace students and in the lives of those they touch.

The leadership minor also attempts to give students an academic grounding in leadership skills; to enhance critical thinking as evidenced by both written analyses and effective presentations; to set goals and develop strategies to achieve them; to make carefully considered and ethical decisions; to lead with the understanding that people really matter; and to engender positive change. The program seeks to develop the citizen leader, one who puts others first and who serves humanity in an ethical and uplifting way.

Direct all questions related to the David Brain Minor in Leadership Studies to Dr. Tiffany Keller, Director of Leadership Studies, in Bonds Administration Building.

Leadership Studies Minor

Computer Code: LDRP

Minimum credits required: 21

Required courses

LDR	201	Introduction to Leadership Studies	3 credits
LDR	202D	Contemporary Problems in Leadership	3 credits
LDR/PHL	301/205	Ethics and Leadership	3 credits
LDR	463	Capstone: Implementing Citizen Leadership	3 credits

Elective courses

3 courses from the following*

BUS	250	Green Business: God, Money and Ecology	3 credits
BUS/PHL	263/203	Unleashing Human Potential	3 credits
ECN/BUS	344	Game Theory	3 credits
ECN	356	Urban Economics	3 credits
HIS	389I	Modern Middle East	3 credits
HPE	406	Psychology of Coaching	2 credits
HUM	285I	Introduction to Intercultural Communication	3 credits
PHL	101I	Nature and Human Nature	3 credits
POL	241	Public Interest Research	4 credits
POL	301	The Elected Branches	3 credits
POL	303	Public Administration	3 credits

POL	333D	Contemporary Political Voices at the Margins	3 credits
CST	410	Persuasive Campaigns	3 credits
SOC	303I	Urban Community Life	4 credits

* To foster an interdisciplinary perspective on leadership, elective courses must be taken from at least two different disciplines (e.g. HIS and POL).

Leadership Studies Course Descriptions

LDR 201 INTRODUCTION TO LEADERSHIP STUDIES *Three credit hours*

This course introduces both historical and theoretical conceptualizations of leadership. Timeless leadership questions are examined through the lens of several academic disciplines including philosophy, literature, history, and organizational behavior. This course includes a service learning component.

LDR 202D CONTEMPORARY PROBLEMS IN LEADERSHIP *Three credit hours*

This course combines seminar readings and discussions about leadership problems with on-site visits to programs that deal with them. Students will learn about problems that confront our society, especially urban areas; the prospects and limits of doing something about them; and the nature and exercise of leadership related to social problems through a service project. Due to its interdisciplinary nature, this course is team-taught.

LDR 301 ETHICS AND LEADERSHIP *Three credit hours*

A study of how moral values and assumptions shape the concept and practice of leadership. Includes the role of values in determining the moral obligations of leaders and followers in shaping moral environments. This course is designed to provide maps and tools necessary for truly ethical leadership. Students will develop a personal leadership mission statement.

LDR 463 CAPSTONE: IMPLEMENTING CITIZEN LEADERSHIP *Three credit hours*

The capstone seminar is the integrating experience for the Leadership minor. Students will work with community agencies or organizations to develop a proposal to affect change. Proposal development will include an extensive literature review pertinent to the identified problem. Final stages include proposal implementation and presentation.

LIBERAL ARTS AND SCIENCES

As part of its core curriculum, Baldwin-Wallace College offers an entry-level course in Liberal Arts and Sciences, designed to assist students in developing a global perspective and an intercultural understanding of both historical and contemporary events. In LAS 150, students discover a common base of knowledge that addresses fundamental questions of the liberal arts and sciences which include: What is human nature? How do humans relate to each other? How do humans relate to their natural environment? LAS 150 is designed to provide both a common intellectual foundation for students, and an opportunity to learn and practice essential skills of the liberal arts and sciences, including critical thinking, effective communication, and skill in interpreting quantitative and qualitative data. Students can expect to apply both the skills and the content knowledge learned in LAS 150 in other courses they take as part of their core and their major.

Course Description

LAS 150 Enduring Questions for an Intercultural World 3 credit hours

Prerequisites: Readiness for ENG 131 and MTH 136

This course, designed as a common experience for all students, investigates the nature of cultural differences and explores the influence of culture on human thought, values, and perceptions. Students will critically assess alternative responses to fundamental human questions by exploring readings in the humanities, social sciences, and natural sciences, and will apply their understanding to contemporary domestic and international issues.

MATHEMATICS

Mathematics is the fundamental study of how the world works, the generalizations and abstractions underlying all the basic structures of nature and human society. The Department of Mathematics seeks to provide all its students with the theoretical and practical knowledge that will enable them to analyze and solve problems of an increasingly complex nature.

The student who majors in Mathematics has the opportunity to prepare for a career in business, industry, or secondary mathematics teaching by means of programs that coordinate with other departments or divisions on campus. Alternatively, those mathematics majors who choose to do so can readily make the transition to graduate school. Over half of our students choose this path by entering prestigious graduate schools with assistantships to finance their graduate education.

The student who elects a minor in Mathematics along with a major in another discipline demonstrates an ability for abstract problem solving that will make them more attractive on the career or graduate school path.

All students at Baldwin-Wallace College must pass- with a grade of C or higher- a course called "Applied College Mathematics" (MTH-136) or a higher numbered MTH course to satisfy the CORE requirement. Education majors who are required to take both MTH-111 and MTH-112 ("Mathematics for Elementary and Middle School Teachers, Parts I & II") may substitute MTH-111 and MTH-112 for MTH-136. The mathematics core requirement must be completed within the first two years (first 56 credit hours) taken at B-W.

All courses offered in this department presume that the enrolling student has successfully completed 3 years of high school mathematics, including algebra II and geometry. Students who have not demonstrated proficiency in these subjects by virtue of their SAT or ACT scores are required to pass a placement test prior to enrolling in any college level mathematics course.

Mathematics Major

Computer Code: MTHS

Minimum credits required: 40 (plus prerequisites as indicated). All courses other than Calculus must be numbered higher than 199. (* = Prerequisite Required)

MTH	141	Calculus I	4 credits*
MTH	142	Calculus II	4 credits*
MTH	243	Calculus III	4 credits*
MTH	211	Linear Algebra	4 credits*
MTH	311	Advanced Calculus I OR	4 credits*
MTH	411	Abstract Algebra I (One or both)	4 credits*
CSC	210	Computer Science I: Programs and Applications OR	3 credits*
EDU	104	Technologies for the K-12 Educator (for AYA teaching candidates)	3 credits

One course in applied mathematics, chosen from among the following:

MTH	212	Differential Equations	4 credits*
MTH	307	Operations Research	3 credits*
MTH	314	Numerical Analysis	3 credits*
MTH	405	Mathematical Statistics I	4 credits*
MTH	406	Mathematical Statistics II	3 credits*

One of the following sequences of two courses:

MTH	311	Advanced Calculus I and	4 credits*
MTH	312	Advanced Calculus II	3 credits*
MTH	405	Mathematical Statistics I and	4 credits*
MTH	406	Mathematical Statistics II	3 credits*
MTH	411	Abstract Algebra I and	4 credits*
MTH	412	Abstract Algebra II	3 credits*

In addition, majors are required to earn a passing score on an approved comprehensive examination. The three examinations approved for this purpose are the Major Field Achievement Test or the Mathematics Subject Test of the Graduate Record Examination, both published by Educational Testing Service, or the First Examination (Exam 100), published by the Society of Actuaries (SOA).

The above requirements are considered minimal. Students are encouraged to consult with an advisor from the mathematics faculty early in their undergraduate career to ensure completion of a program which is appropriate for the individual student.

Computer applications are emphasized in many of the courses in mathematics. Therefore, students planning to major in mathematics are urged to take CSC 210 (Programs & Applications) early in their academic program.

Licensure for Secondary Teaching

Students seeking secondary school licensure in mathematics in Ohio are required to complete a major in mathematics which must include the following courses as part of their program: MTH 201 (History of Mathematics), MTH 315 (College Geometry), MTH 411 (Abstract Algebra I), MTH 135 (Introduction to Probability and Statistics) or MTH 405 (Mathematical Statistics I), and MTH 262 (Discrete Mathematics II).

Mathematics Minor

A minor in mathematics is available. It consists of MTH 141 and MTH 142 (Calculus I and II) and 10 more credit hours selected from courses numbered above 199.

AP Calculus Credit

A student scoring 3 or better on an AP Calculus exam will be awarded credit as follows:

Score	Exam	Credit Hours	Course Equivalent
3,4,5	AB	4	MTH 141
3,4,5	BC	8	MTH 141,142

MTH 135 INTRODUCTION TO PROBABILITY AND STATISTICS Three credit hours

Prerequisite: Knowledge of high school Algebra I, Algebra II and Geometry are prerequisites for all Mathematics courses. Students are required to have passed the Baldwin-Wallace mathematics placement test or to have scored at least 24 on the quantitative portion of the ACT or at least 560 on the quantitative portion of the SAT.

An introductory course designed to promote the understanding of basic statistical and probability concepts. Topics to be studied include descriptive statistics, probability of finite sample spaces, probability distributions, hypothesis testing, confidence intervals and parameter estimation.

MTH 136 APPLIED COLLEGE MATHEMATICS Three credit hours

Prerequisite: Knowledge of high school Algebra I, Algebra II and Geometry are prerequisites for all Mathematics courses. Students are required to have passed the Baldwin-Wallace mathematics placement test or to have scored at least 24 on the quantitative portion of the ACT or at least 560 on the quantitative portion of the SAT.

This course is designed for freshmen and deals with the fundamental mathematical tools frequently applied in the natural, management and social sciences. Topics include functional relationships, linear systems, matrices, linear programming, mathematics of finance, sets and graphing. (All topics are approached with a view toward applications.)

MTH 140 PRECALCULUS MATHEMATICS Four credit hours

Prerequisite: Knowledge of high school Algebra I, Algebra II and Geometry are prerequisites for all Mathematics courses. Students are required to have passed the Baldwin-Wallace mathematics placement test or to have scored at least 24 on the quantitative portion of the ACT or at least 560 on the quantitative portion of the SAT.

A college level review of algebra, trigonometry and analytic geometry. The course is designed to prepare students for the study of calculus. A graphing calculator is required, and will be used extensively.

MTH 141,142 CALCULUS I, II Four credit hours each

Prerequisite: Four years of high school mathematics including trigonometry or MTH 140. Each course is a prerequisite to the one which follows.

A sequence comprising a unified course in differential and integral calculus of a single variable. Topics from elementary functions are reviewed as needed. Computer symbol manipulation and graph generation software will be an integral part of the courses.

MTH 161 DISCRETE MATHEMATICS I Four credit hours

Prerequisite: Knowledge of high school Algebra I, Algebra II and Geometry are prerequisites for all Mathematics courses. Students are required to have passed the Baldwin-Wallace mathematics placement test or to have scored at least 24 on the quantitative portion of the ACT or at least 560 on the quantitative portion of the SAT.

This course covers mathematical tools used in the study of discrete processes as opposed to continuous processes. These tools are frequently used in the study of computers. Topics include logic, methods of proof, functions, efficiency of algorithms and mathematical induction.

MTH 200 SCIENCE One to three credit hours

A study of a topic in science which may involve an interdisciplinary approach. Course content is determined by the department under whose auspices the course is offered.

MTH 201 HISTORY OF MATHEMATICS Three credit hours

Prerequisite: Three MTH courses including MTH 141

This course will survey the history of mathematics from the earliest known results to modern calculus, using assigned readings, problems and discussion. Required for those seeking licensure to teach mathematics in middle school or high school.

MTH 315	COLLEGE GEOMETRY	Three credit hours
<i>Prerequisite: MTH 142</i>		
A continuation of the subject matter and methods of high school geometry, including theorems not taught in high school and an introduction to the modern geometry of the triangle and circle. Special attention is given to methods of proof and solving problems, the viewpoint being that of the prospective teacher or graduate student in mathematics. Finite and non-Euclidean geometries will be studied. Required for those seeking licensure to teach high school mathematics. Offered alternate years. (Fall 2005, Fall 2007)		
MTH 350	SPECIAL METHODS IN SECONDARY TEACHING FIELD	Four credit hours
See EDU 350. Required of those seeking licensure to teach high school mathematics.		
MTH 405	MATHEMATICAL STATISTICS I	Four credit hours
<i>Prerequisite: MTH 243</i>		
Theory of probability and mathematical statistics. Emphasis is on probability distributions. Offered alternate years. (Fall 2005, Fall 2007)		
MTH 406	MATHEMATICAL STATISTICS II	Three credit hours
<i>Prerequisite: MTH 405</i>		
A continuation of MTH 405 with emphasis on the theory and applications of random samples, hypothesis testing, parameter estimation and regression. Offered alternate years. (Spring 2007, Spring 2009)		
MTH 411	ABSTRACT ALGEBRA I	Four credit hours
<i>Prerequisite: MTH 243 and 211</i>		
An axiomatic approach to algebraic structures, with the focus on groups, homomorphisms and factor groups. Required for those seeking licensure to teach high school mathematics. Offered alternate years. (Fall 2006, Fall 2008)		
MTH 412	ABSTRACT ALGEBRA II	Three credit hours
<i>Prerequisite: MTH 411</i>		
Continuation of the material in MTH 411. Rings, integral domains, fields and Galois theory will be studied. Offered alternate years. (Spring 2007, Spring 2009)		
MTH 463	SEMINAR	One to three credit hours
<i>Prerequisite: Advanced standing and consent of the instructor</i>		
Advanced study for qualified students.		
MTH 491,492	DEPARTMENTAL THESIS/PROJECT	Credit hours to be arranged
See Departmental Thesis/Project, Section II		

Dual Major with Economics

The Mathematics Department also cooperates with the Economics Department to offer a dual major in economics and mathematics. This combination is particularly appropriate for students seeking to pursue graduate studies in economics. See the Economics Department section for details.

MUSIC

The Baldwin-Wallace College Conservatory of Music

Founded in 1899 by organist and Bach scholar Albert Riemenschneider, the Baldwin-Wallace College Conservatory of Music offers a professional music program enhanced by a liberal arts curriculum. Students are expected to meet rigorous academic and musical standards and to attain a high level of accomplishment. The Conservatory provides a learning environment small enough for individual attention but large enough for true professionalism. It also provides a home for the internationally known Riemenschneider Bach Institute, the Jones Library, the Outreach Department with its Preparatory/Adult Education Program, and the Cleveland Music Therapy Consortium. The Conservatory is a fully accredited member of the National Association of Schools of Music and offers the following degrees:

- Bachelor of Music (BM): Performance, Musical Theatre, History and Literature, Theory, Composition, Music Therapy
- Bachelor of Music Education (BME)
- Bachelor of Arts (BA)

The Conservatory of Music degree programs are designed for those with outstanding talent and a desire to pursue music as a profession or advanced study at the graduate level. Double majors and/or double-degree programs may be pursued in consultation with the Assistant Director and usually require additional semesters of study. An emphasis in Arts Management or Jazz Studies is available with any music major and may require additional semesters of study. Non-Conservatory students are encouraged to enroll in courses designed specifically for them or in applied study and ensembles by audition. (See course descriptions.)

Requirements for Graduation

In addition to completing successfully all course and non-course requirements for their specific degrees and majors, all Conservatory students must complete the following:

1. Performance attendance - Six semesters of at least 12 concerts per semester.
2. Departmental recitals - Mandatory during semesters of private-study enrollment.
3. Jury examinations - Number and timing determined by individual departments.
4. Piano proficiency - Secondary study required (for all non-piano primaries) every semester until requisite proficiency level is attained.
5. Ensemble participation - Number of semesters determined according to each major; particular ensemble assignments determined by audition on the primary instrument:
 - Wind and percussion players wind ensembles
 - String players - orchestra
 - Singers - choirs
 - Guitar - Guitar Ensemble
 - Piano performance majors - major ensemble during freshman year and Collaborative Piano during remaining three years
 - Organ performance majors - three years of major ensemble and one year of Collaborative Piano
 - Other majors with keyboard as primary instrument - ensemble assignment determined according to secondary instrument Qualified students may participate in more than one ensemble.
6. Sophomore review - Assessment of students' academic and musical progress; requirements determined according to each major. Not required for the BA in Music.
7. GPA of 3.0 in primary instrument in addition to the College requirement of an overall GPA of 2.0.
8. In accordance with College policy, a maximum of four credits of D in MUS courses. (Some majors have additional requirements; see specific curricular listings.)

The Bachelor of Music Degree

Majors may be taken in performance, musical theatre, history and literature, theory, composition, or music therapy.

BM Performance: Instrumental

Computer Code: MUSI

Minimum credits required: 126.5

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credits
MUS 002	Departmental Recital (8 semesters)	0 credits
MUS 101F, 102F	Primary Instrument ¹	4,4 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 170F	Ensemble ³	8 credits+
MUS 201F, 202F	Primary Instrument ¹	4,4 credits*
MUS 206,207	Harmony 3, 4	2,2 credits*
MUS 216,217	Solfege 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 260	Instrumental Pedagogy	2 credits
MUS 270	Chamber Music ⁴	6/4 credits+
MUS 291	Intro to Conducting	2 credits
MUS 293	Instrumental Conducting	2 credits*
MUS 301F, 302F	Primary Instrument ¹	4,4 credits*
MUS 303	Partial Junior Recital	0.5 credits\$
MUS 306,307	Form & Analysis 1,2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 313,314	Orchestration 1,2	2,1 credits
MUS 321I,322I	Music History & Literature 2,3	3,3 credits*
MUS 360	Orchestral Rep ⁵ (wind & percussion only)	1,1 credit
MUS 401F, 402F	Primary Instrument ¹	4,4 credits*
MUS 404	Full Senior Recital	1 credit\$
MUS ELE	Music Electives ⁶	4 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁷	3 credits
MTH 136 or higher	Applied College Mathematics ⁸	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁹	3 credits
HPE	Health and Physical Education ¹⁰	2 credits
	Foreign Language ¹¹	8 credits
	Liberal Arts and Sciences electives	10 credits

¹ Four credits per semester for 8 semesters.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee.

³ One credit per semester for 8 semesters.

⁴ Violin, viola, and cello students take a minimum of 6 credits of Chamber Music; string bass students take a minimum of 2, and the balance in music electives. Wind players take a minimum of 4 credits. Guitar students substitute Guitar Ensemble for Chamber Music (6 credits); percussionists substitute Percussion Ensemble (4 credits).

⁵ Not required of saxophone primaries, who substitute an additional 2 credits of music electives.

⁶ Students who have earned 8 credits in required ensemble may count up to 2 additional credits toward the music elective requirement.

⁷ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁸ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁹ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

¹⁰ Includes HPE 110W – Personal Wellness (0.5 credit)

¹¹ A proficiency exam is administered to determine entry level of foreign language requirement. Students whose language requirement is reduced take the equivalent number of credit hours in other liberal arts courses.

BM Performance: Keyboard (Piano/Organ)

Computer Code: MUSK

Minimum credits required: 130.5/128.5

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	4,4 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 170F	Ensemble ³	2/6 credits+
MUS 181,182	Sight-Reading 1, 2	1,1 credits
MUS 201F, 202F	Primary Instrument ¹	4,4 credits*
MUS 206,207	Harmony 3,4	2,2 credits*
MUS 216,217	Solfege 3,4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 270	Chamber Music ⁴	2 credits+
MUS 281,282	Piano Pedagogy 1,2 (pianists only)	2,2 credits
MUS 283	Collaborative Piano ⁵	6/2 credits*
MUS 291	Intro to Conducting	2 credits
MUS 292 or 293	Choral or Instrumental Conducting	2 credits*

MUS 301F, 302F	Primary Instrument ¹	4, 4 credits*
MUS 303	Partial Junior Recital	0.5 credits\$
MUS 306,307	Form & Analysis 1,2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 313,314	Orchestration 1,2	2,1 credits
MUS 321I,322I	Music History & Literature 2,3	3,3 credits*
MUS 381,382	Piano Literature 1,2 (pianists only)	2,2 credits
MUS 385	Preparation for the Church Musician (organists only)	2 credits
MUS 401F, 402F	Primary Instrument ¹	4,4 credits*
MUS 404	Full Senior Recital	1 credit\$
MUS 408	16th Century Counterpoint (organists only)	2 credits
MUS ELE	Music Electives (pianists/organists)	4/8 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁶	3 credits
MTH 136 or higher	Applied College Mathematics ⁷	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁸	3 credits
HPE	Health and Physical Education ⁹	2 credits
	Foreign Language ¹⁰	8 credits
	Liberal Arts and Sciences electives	10 credits

¹ Four credits per semester for 8 semesters. All piano primaries must pass Proficiency 4.

² Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument. Organists take secondary piano until Proficiency 4 is achieved. Secondary study beyond 4 semesters requires an additional fee.

³ For pianists, participation in a major ensemble is required for 2 semesters during the freshman year. For organists, participation in a major ensemble is required for a total of 6 semesters.

⁴ One credit per semester for 2 semesters.

⁵ For pianists, one credit per semester for 6 semesters. For organists, one credit per semester for 2 semesters

⁶ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁷ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁸ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

⁹ Includes HPE 110W – Personal Wellness (0.5 credit)

¹⁰ A proficiency exam is administered to determine entry level of foreign language requirement. Students whose language requirement is reduced take the equivalent number of credit hours in other liberal arts courses.

BM Performance: Voice**Computer Code: MUSV****Minimum credits required: 133.5****Required Music Courses**

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	3,3 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 140,141	Phonetics 1, 2	1,1 credits
MUS 145	Opera/Mus. Theatre Workshop: Intro	1 credit
MUS 170F	Ensemble ³	8 credits+
MUS 201F, 202F	Primary Instrument ¹	3,3 credits*
MUS 206,207	Harmony 3,4	2,2 credits*
MUS 216,217	Solfege 3,4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 240,241	Singers' Diction 1,2	1,1 credits*
MUS 245	Opera/Mus. Theatre Workshop: Acting Process	1 credit*
MUS 247	Opera Workshop: Period Styles	1 credit*
MUS 291	Intro to Conducting	2 credits
MUS 301F, 302F	Primary Instrument ¹	3,3 credits*
MUS 303	Partial Junior Recital	0.5 credit\$
MUS 306,307	Form & Analysis 1,2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 321I,322I	Music History & Literature 2,3	3,3 credits*
MUS 342,343	Vocal Literature 1,2	2,2 credits
MUS 347	Opera Workshop: Scenes	1 credit*
MUS 348	Vocal Performance Seminar	1 credits*
MUS 401F, 402F	Primary Instrument ¹	3,3 credits*
MUS 404	Full Senior Recital	1 credit\$
MUS 442,443	Vocal Pedagogy 1,2	2,1 credits
MUS 447	Opera Workshop: Scenes	1 credit*
MUS 448	Vocal Performance Seminar	1 credit*
MUS ELE	Music Electives ⁴	4 credits*

Required Liberal Arts Courses

ENG	131	Workshop in Exposition and Argument ⁵	3 credits
MTH	136 or higher	Applied College Mathematics ⁶	3 credits
LAS	150	Enduring Questions for an Intercultural World ⁷	3 credits
HPE		Health and Physical Education ⁸	2 credits
		Foreign Language ⁹	16 credits
		Liberal Arts and Sciences electives	10 credits

¹ Three credits per semester for 8 semesters.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee.

³ One credit per semester for 8 semesters.

⁴ Students who have earned 8 credits in required ensemble may count up to 2 additional credits toward the music elective requirement.

⁵ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁶ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁷ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

⁸ Includes HPE 110W – Personal Wellness (0.5 credit)

⁹ A proficiency exam is administered to determine entry level of foreign language requirement. Students take at least one year (8 credits) of German, French or Italian. Students with proficiency in any of the above languages must take the equivalent number of credits in other language courses.

BM Musical Theatre

Computer Code: MUSH

Minimum credits required: 127.5

No more than four credits of D may be earned in MUS, THE, and HPE dance technique courses.

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS	001	Performance Attendance (6 semesters)	0 credit
MUS	002	Departmental Recital (8 semesters)	0 credit
MUS	101F, 102F	Primary Instrument ¹	3,3 credits+
MUS		Secondary Instrument ²	4 credits+
MUS	106,107	Harmony 1, 2	2,2 credits+
MUS	116,117	Solfège/Eurhythmics 1, 2	2,2 credits+
MUS	140	Phonetics 1	1 credit
MUS	145	Opera/Mus. Theatre Workshop: Intro	1 credit
MUS	170F	Ensemble ³	6 credits+
MUS	201F, 202F	Primary Instrument ¹	3,3 credits*
MUS	206,207	Harmony 3, 4	2,2 credits*

MUS	216,217	Solfege 3, 4	2,2 credits*
MUS	221I	Listening to Musics of the World	2 credits
MUS	245	Opera/Mus. Theatre Workshop: Acting Process	1 credit*
MUS	246	Musical Theatre Workshop: Auditions	1 credit*
MUS	291	Intro to Conducting	2 credits
MUS	301F, 302F	Primary Instrument ¹	3,3 credits*
MUS	303	Partial Junior Recital ⁴	0.5 credit\$
MUS	327I	History of Opera	2 credits
MUS	345	Musical Theatre Workshop: Sondheim	1 credit*
MUS	346	Musical Theatre Workshop: Musical in Concert	1 credit*
MUS	401F, 402F	Primary Instrument ¹	3,3 credits*
MUS	404	Full Senior Recital ⁵	1 credit\$
MUS	445	Musical Theatre Workshop: Scenes and Monologues	1 credit*
MUS	446	Musical Theatre Workshop: Musical in Concert	1 credit*

Required Theatre Courses

THE	100F	Introduction to Theatre	3 credits
THE	162F	Backstage Experience	2 credits
THE	180F	Stagecraft	3 credits
THE	191IF, 291IF, 288IF or 289IF	Theatre Lit. or Theatre History ⁶	3 credits
THE	272	Acting	3 credits*
THE	284	Stage Makeup	2 credits*
THE	372	Building a Character	3 credits*

Required HPE Courses

HPE	331F or 333F	Improv. and Choreography or Dance in the Theatre	3 credits
HPE		Dance technique courses ⁷	10 credits

Required Liberal Arts Courses

ENG	131	Workshop in Exposition and Argument ⁸	3 credits
MTH	136 or higher	Applied College Mathematics ⁹	3 credits
LAS	150	Enduring Questions for an Intercultural World ¹⁰	3 credits
		Foreign Language ¹¹	8 credits
		Liberal Arts and Sciences electives	13 credits

¹ Three credits per semester for 8 semesters.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee.

³ One credit per semester for 6 semesters. May be taken as elective in additional semesters.

⁴ Half-length recital of art music required.

⁵ Must include singing, dancing, and drama.

⁶ Students may substitute ENG 128F and MUS 247

⁷ Two .5-credit courses per semester for 6 semesters, and 4 Level IV classes at 1 credit each. Additional dance classes may be required to reach proficiency; any dance credits waived must be replaced by other HPE credits. Dance technique class may be repeated for credit with permission of the instructor.

⁸ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁹ Students must earn a grade of "C" or better in their core math course, which must be taken within their first three semesters at B-W.

¹⁰ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which must be taken within their first three semesters at B-W.

¹¹ A proficiency exam is administered to determine entry level of foreign language requirement. Students take at least one year (8 credits) of German, French or Italian. Students with proficiency in any of the above languages must take the equivalent number of credits in other language courses.

BM History and Literature

Computer Code: MUSL

Minimum credits required: 128

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	3,3 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 170F	Ensemble ³	8 credits+
MUS 201F, 202F	Primary Instrument ¹	3,3 credits*
MUS 206,207	Harmony 3, 4	2,2 credits*
MUS 216,217	Solfege 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 291	Intro to Conducting	2 credits
MUS 292 or 293	Vocal or Instrumental Conducting	2 credits*
MUS 301F, 302F	Primary Instrument ¹	3,3 credits*
MUS 306, 307	Form & Analysis 1, 2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 313, 314	Orchestration 1, 2	2,1 credits*
MUS 316, 317	Adv. Keyboard Musicianship 1, 2	1,1 credit*
MUS 321, 322	Music History & Literature 2, 3	3,3 credits*
MUS 401F, 402F	Primary Instrument ¹	3,3 credits*
MUS 403	Partial Senior Recital ⁴	0.5 credit\$
MUS 405	Lecture Presentation ⁴	0.5 credit\$
MUS 408	16th Century Counterpoint	2 credits
MUS 428,429	Senior Research 1, 2 ⁵	1,1 credit
MUS SEM	History & Literature Seminars ⁶	6 credits
MUS ELE	Music Electives	2 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁷	3 credits
MTH 136 or higher	Applied College Mathematics ⁸	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁹	3 credits
HPE	Health and Physical Education ¹⁰	2 credits
	Foreign Language ¹¹	16 credits
	Liberal Arts and Sciences electives	10 credits

¹ Three credits per semester for 8 semesters.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument.

³ One credit per semester for 8 semesters. Must be in an assigned ensemble appropriate to the candidate's major performing area. Up to two years of participation in Collegium Musicum may be substituted for the major ensemble by audition. Permission for this substitution must be approved by the history and literature advisor.

⁴ Lecture presentation on Senior Research topic required.

⁵ Topic determined by student in consultation with music history and literature advisor and with approval of the department.

⁶ Three required. Seminars may be replaced by independent study with permission of advisor.

⁷ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well.

⁸ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁹ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

¹⁰ Includes HPE 110W – Personal Wellness (0.5 credit)

¹¹ Language requirements include French and German. A proficiency exam is administered to determine entry level of foreign language requirement. Students whose language requirement is reduced may take the equivalent number of credit hours in another language or other liberal arts courses.

BM Theory

Computer Code: MUST

Minimum credits required: 128

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	3,3 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 111,112	Intro to Composition	1,1 credits
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+

MUS 170F	Ensemble ³	8 credits+
MUS 201F,202F	Primary Instrument ¹	3,3 credits*
MUS 206,207	Harmony 3, 4	2,2 credits*
MUS 216,217	Solfege 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 291	Intro to Conducting	2 credits
MUS 292 or 293	Vocal or Instrumental Conducting	2 credits*
MUS 301F, 302F	Primary Instrument ¹	3,3 credits*
MUS 306,307	Form & Analysis 1, 2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 311, 312	Composition 1, 2	3,3 credits*
MUS 313, 314	Orchestration 1, 2	2,1 credits*
MUS 316, 317	Adv. Keyboard Musicianship 1, 2	1,1 credit*
MUS 321I, 322I	Music History & Literature 2, 3	3,3 credits*
MUS 401F, 402F	Primary Instrument ¹	3,3 credits*
MUS 403	Partial Senior Recital	0.5 credit\$
MUS 405	Lecture Presentation ⁴	0.5 credit\$
MUS 408	16th Century Counterpoint	2 credits
MUS 417	Electronic Music	2 credits
MUS 418,419	Senior Research 1,2 ⁵	1,1 credit
MUS SEM	Theory Seminars ⁶	4 credits
MUS ELE	Music Electives	2 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁷	3 credits
MTH 136 or higher	Applied College Mathematics ⁸	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁹	3 credits
HPE	Health and Physical Education ¹⁰	2 credits
	Foreign Language ¹¹	16 credits
	Liberal Arts and Sciences electives	10 credits

¹ Three credits per semester for 8 semesters.

² Secondary instrument is piano until Jury 4 proficiency is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument.

³ One credit per semester for 8 semesters. Ensemble assignment made according to the student's major performing area.

⁴ Lecture presentation on Senior Research topic required.

⁵ Topic determined by student in consultation with theory advisor and with approval of the department.

⁶ Two required during junior and/or senior year. Seminars may be replaced by independent study with permission of advisor.

⁷ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well.

⁸ Students must earn a grade of “C” or better in their core math course, which should be taken within their first three semesters at B-W.

⁹ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

¹⁰ Includes HPE 110W – Personal Wellness (0.5 credit)

¹¹ Language requirements include French and German. A proficiency exam is administered to determine entry level of foreign language requirement. Students whose language requirement is reduced may take the equivalent number of credit hours in another language or other liberal arts courses.

BM Composition

Computer Code: MUSC

Minimum credits required: 129

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	2,2 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106, 107	Harmony 1, 2	2,2 credits+
MUS 111, 112	Intro to Composition	1,1 credits
MUS 116, 117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 135	Voice Class	1 credit
MUS 170F	Ensemble ³	8 credits+
MUS 201F, 202F	Primary Instrument ¹	2,2 credits*
MUS 206, 207	Harmony 3, 4	2,2 credits*
MUS 216, 217	Solfege 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 234	Percussion Class	1 credit
MUS 291	Intro to Conducting	2 credits
MUS 292 or 293	Vocal or Instrumental Conducting	2 credits*
MUS 301F, 302F	Primary Instrument ¹	2,2 credits*
MUS 306, 307	Form & Analysis 1, 2	2,2 credits*
MUS 308	18th Century Counterpoint	2 credits*
MUS 311, 312	Composition 1, 2 ⁴	18 credits*
MUS 313, 314	Orchestration 1, 2	2,1 credits*
MUS 321I, 322I	Music History & Literature 2, 3	3,3 credits*
MUS 401F, 402F	Primary Instrument ¹	2,2 credits*
MUS 404	Full Senior Recital ⁵	1 credit\$
MUS 417	Electronic Music	2 credits
MUS ELE	Music Electives	4 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁶	3 credits
MTH 136 or higher	Applied College Mathematics ⁷	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁸	3 credits
HPE	Health and Physical Education ⁹	2 credits
	Foreign Language ¹⁰	8 credits
	Liberal Arts and Sciences electives	13 credits

¹ Two credits per semester for 8 semesters. Applied study on major instrument required freshman and sophomore years. Applied study on additional instruments, as determined by composition instructor, may replace applied major in junior and senior years.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument.

³ Students should have varied ensemble experience not necessarily limited to performance on the primary instrument.

⁴ Three credits per semester for 6 semesters.

⁵ Full-length recital of original compositions.

⁶ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well.

⁷ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁸ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

⁹ Includes HPE 110W – Personal Wellness (0.5 credit)

¹⁰ A proficiency exam is administered to determine entry level of foreign language requirement. Students whose language requirement is reduced may take the equivalent number of credit hours in another language or other liberal arts courses.

BM Music Therapy

Computer Code: MUSP

Minimum credits required: 129

No more than four credits of D may be earned in MUS and PSY courses.

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	3,3 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106, 107	Harmony 1, 2	2,2 credits+
MUS 116, 117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 131	Guitar Class	1 credit

MUS 135, 136	Voice Class 1, 2 (instrumentalists only)	1,1 credit
MUS 140, 141	Phonetics 1, 2 (vocalists only)	1,1 credit
MUS 141	Integrated Diction 1 (vocalists only)	1 credit*
MUS 151	Introduction to Music Therapy	2 credits
MUS 170F	Ensemble ³	6 credits+
MUS 201F, 202F	Primary Instrument ¹	3,3 credits*
MUS 206, 207	Harmony 3, 4	2,2 credits*
MUS 216, 217	Solfege 3, 4	2,2 credits*
MUS 221	Listening to Musics of the World	2 credits
MUS 221	Music History & Literature 1	3 credits*
MUS 234	Percussion Class	1 credit
MUS 251	Recreational Music: Programming and Leadership ⁴	2 credits
MUS 252	Music Therapy Practicum ⁵	3 credits
MUS 291	Intro to Conducting	2 credits
MUS 301F, 302F	Primary Instrument ¹	3,3 credits*
MUS 306	Form & Analysis 1	2 credits*
MUS 315	Arranging OR	1 credit
MUS 318	Creating Music	1 credits*
MUS 321I, 322I	Music History & Literature 2, 3	3,3 credits*
MUS 351	Music Therapy in Psychiatry and Rehabilitation	3 credits
MUS 352	Music Therapy with the Developmentally Disabled	3 credits
MUS 353	Program Development and Administration in Music Therapy	2 credits
MUS 401F, 402F	Primary Instrument ¹	3,3 credits*
MUS 451,452	Psychology of Music 1,2	2,2 credits
MUS 454	Internship ⁶	1 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁷	3 credits
MTH 136 or higher	Applied College Mathematics ⁸	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁹	3 credits
HPE	Health and Physical Education ¹⁰	2 credits
PSY 110	Principles of Psychology	4 credits
PSY 279	Elements of Statistics	4 credits*
PSY 302	Abnormal Psychology	4 credits*
SOC 100	Principles of Sociology	4 credits
BIO 203	Human Anatomy and Physiology 1	4 credits
EDU 103	Education of Children with Special Needs	2 credits
	Liberal Arts and Sciences electives	6 credits

¹ Three credits per semester for 8 semesters.

² Secondary instrument is piano until Proficiency 4 is achieved. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4

semesters requires an additional fee. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument.

³ One credit per semester for 6 semesters.

⁴ A competency examination must be taken after completing the Recreational Music course and before taking any other music therapy course.

⁵ A minimum of three 1-credit practica required.

⁶ A six-month internship required after completing all other requirements for graduation. Students may register for this off-campus assignment during their last semester on campus. Grading and granting of the degree is deferred until the requirement is completed successfully.

⁷ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁸ Students must earn a grade of "C" or better in their core math course, which should be taken within their first three semesters at B-W.

⁹ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

¹⁰ Includes HPE 110W – Personal Wellness (0.5 credit)

Bachelor of Music Education Degree

Computer Code: MUSE

Minimum credits required: 133.5/135.5

*Students must earn a C or better in courses marked with *. Students also must maintain a GPA of 2.8 in the Professional Education sequence, a 3.0 in the Music Education core, and 3.0 overall to student teach. See Music Education chairperson for details.*

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital (8 semesters)	0 credit
MUS 101F, 102F	Primary Instrument ¹	3,3 credits+
MUS	Secondary Instrument ²	4 credits+
MUS 106, 107	Harmony 1, 2	2,2 credits+
MUS 116, 117	Solfège/Eurhythmics 1, 2	2,2 credits+
MUS 130	Intro to Music Education	1 credit
MUS 135	Voice Class 1 (instrumentalists only)	1 credit
MUS 140, 141	Phonetics 1, 2 (vocalists only)	1,1 credits
MUS 170F	Ensemble ³	7 credits+
MUS 201F, 202F	Primary Instrument ¹	3,3 credits*
MUS 206, 207	Harmony 3, 4	2,2 credits*
MUS 216, 217	Solfège 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 230	Classroom Instruments	1 credit
MUS 231	Brass Class (vocalists take Brass OR Woodwinds)	2 credits

MUS 232	Woodwind Class	2 credits
MUS 233	Strings Class	2 credits
MUS 234	Percussion Class (vocalists take 1)	1/2 credits
MUS 235	General Music Methods	3 credits*
MUS 241	Integrated Diction 2 (vocalists only)	1 credit*
MUS 291	Intro to Conducting	2 credits
MUS 292 or 293	Vocal or Instrumental Conducting	2 credits*
MUS 301F, 302F	Primary Instrument ¹	3,3 credits*
MUS 306	Form & Analysis 1	2 credits*
MUS 321I, 322I	Music History & Literature 2, 3	3,3 credits*
MUS 331	Choral Music Methods	3 credits*
MUS 332	Instrumental Music Methods	3 credits*
MUS 401F	Primary Instrument ¹	3 credits*
MUS 403	Partial Senior Recital	0.5 credit\$
MUS ELE	Music Electives	2 credits

Required Liberal Arts Courses

ENG 131	Workshop in Exposition and Argument ⁴	3 credits
MTH 136 or higher	Applied College Mathematics ⁵	3 credits
LAS 150	Enduring Questions for an Intercultural World ⁶	3 credits
PSY 110	Principles of Psychology	4 credits
PSY 205	Developmental Psychology	3 credits*
CST 112	Oral Communication	3 credits
EDU 102	Introductory Field Experience	0 credits
EDU 103	Education of Children with Special Needs	2 credits*
EDU 201	Teaching Strategies and Management Skills	4 credits*
EDU 340	Assessment of Teaching and Learning	2 credits*
EDU 417	Clinical Practice	10 credits*
EDU 488	Senior Seminar ⁷	1 credit
EDU 489	Multicultural Seminar ⁷	1 credit
HPE	Health and Physical Education ⁸	2 credits
	Liberal Arts and Sciences electives	3 credits

¹ Three credits per semester for 7 semesters. Students may elect an additional semester of study during the Student Teaching semester and may elect the S/U option during this semester

² Secondary instrument is piano until Proficiency 4 is achieved. A student teaching placement will be assigned only after completion of Proficiency 4. Depending upon placement results, piano study may occur in classes, lessons, or a combination. If the requisite proficiency is achieved in fewer than 4 semesters, continued piano study or study on another instrument is required. Secondary study beyond 4 semesters requires an additional fee. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument.

³ One credit per semester for 7 semesters. With the approval of the department, students may elect to participate in an ensemble during the Student Teaching semester.

⁴ Students exempted by ACT or SAT score must take the equivalent number of credit hours in liberal arts electives; students who test into ENG 111 must take ENG 131 as well within their first three semesters at B-W.

⁵ Students must earn a grade of “C” or better in their core math course, which should be taken within their first three semesters at B-W.

⁶ Students must be eligible to take ENG 131 and MTH 136 prior to taking LAS 150, which should be taken within their first three semesters at B-W.

⁷ Must be taken concurrently with Clinical Practice

⁸ Includes HPE 110W – Personal Wellness (0.5 credit)

BA with Major in Music

Computer Code: MULA

These majors are designed for students who are pursuing music study within a full liberal arts curriculum. No more than 60 credits with a MUS-prefix may be applied to the 124 minimum credits required for completion of a BA degree.

Minimum credits required: 41

Required Music Courses

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS 001	Performance Attendance (6 semesters)	0 credit
MUS 002	Departmental Recital ¹	0 credit
MUS 101F, 102F	Primary Instrument ²	2,2 credits+
MUS	Secondary Instrument ³	2 credits+
MUS 106,107	Harmony 1, 2	2,2 credits+
MUS 116,117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS 170F	Ensemble ⁴	4 credits+
MUS 201F, 202F	Primary Instrument ²	2,2 credits*
MUS 206, 207	Harmony 3, 4	2,2 credits*
MUS 216, 217	Solfege 3, 4	2,2 credits*
MUS 221I	Listening to Musics of the World	2 credits
MUS 222I	Music History & Literature 1	3 credits*
MUS 321I, 322I	Music History & Literature 2, 3	3,3 credits*

¹ Mandatory during semesters of private study enrollment.

² Two credits per semester for 4 semesters. Additional fee required.

³ One credit per semester for 2 semesters. Secondary instrument is piano. Secondary instrument for pianists is organ, harpsichord, voice, or an orchestral instrument. Private secondary study beyond 2 semesters requires an additional fee.

⁴ One credit per semester for 4 semesters.

Jazz Emphasis

Minimum credits required: 14

This emphasis can be added to any BM, BME or BA Music degree

MUS	171F SO3	Jazz Ensemble ¹	4 credits
MUS	171F SO4	Jazz Combo ¹	4 credits
MUS	212	Jazz Improvisation	2 credits
MUS	213	Jazz Arranging/Composition	2 credits
MUS	228FD	History of Jazz	2 credits

¹ One credit per semester for four semesters.

Music Minor

Minimum credits required: 21

(* = Prerequisite Required, + = Placement Prerequisite, \$ = Approval Required)

MUS	001	Performance Attendance (2 semesters)	0 credits
MUL/MUS		Applied Study ¹	4 credits
MUS	106, 107	Harmony 1, 2	2,2 credits+
MUS	116, 117	Solfege/Eurhythmics 1, 2	2,2 credits+
MUS	170F	Ensemble ²	2 credits+
MUS	221I	Listening to Musics of the World	2 credits
MUS	222I, 321I, or 322I	Music History & Literature 1,2 or 3	3 credits*
MUL/MUS	ELE	Music Electives	2 credits

¹ May include MUL 130 (Guitar Class), MUL 135, 136 (Voice Class 1,2), MUL 137 (Beginning Piano Class), and/or MUL 138 (Intermediate Piano Class). Private lessons for an additional fee available only by audition as staffing permits.

² By audition only.

Students pursuing the minor in music have a Conservatory advisor in addition to the one in their major academic area. Students are encouraged to consult with their advisor and propose alternative course selections to meet their individual educational goals. All MUS course selections and substitutions must have the approval of the Conservatory Assistant Director.

Music Minor with Emphasis in Arts Management

This minor is designed specifically for students pursuing the Arts Management Program.

Minimum Credits Required: 17

Required Courses:

MUS 001	Performance Attendance (4 semesters)	0 credit
MUS 101F-202F	Primary Instrument ¹	4 credits
MUS 170F	Ensembles ²	4 credits
MUL 174F	Styles: Romantic & 20 th Century	3 credits
MUS ELE	Music electives	4 credits

and one of the following:

MUL 173F	Styles: Baroque & Classical	3 credits
MUL 178IF	World Music	3 credits
MUL 228FD	Jazz History	2 credits

¹ Audition required. Additional Applied Study fee will be required for program participants who are not music majors. Private lessons may not be available due to staffing. For students without the background to study privately with a teacher and those for whom studio space is not available MUL 131, 132 (Guitar Class I and II), MUL 135, 136 (Voice Class I and II), MUL 137, 138 (Piano Class I and II) may be used to satisfy this requirement.

² Audition Required. It is strongly recommended that students who participate in ensemble concurrently take applied lessons on their instrument.

Preparatory/Adult Education Program

The Outreach Department's Preparatory/Adult Education Program is a non-degree-granting branch of the Conservatory, that offers quality music education to college students and members of the community. Students at all ages and levels can find appropriate instruction from among the following offerings: Class instruction in voice and piano, Suzuki violin, viola and cello; Dalcroze Eurhythmics for pre-school and early school-age children, Saturday morning Beginning String Orchestra, Junior Youth Orchestra and Senior Youth Orchestra, three levels of New Horizons Bands for adults; and private instruction in voice, most instruments, theory, and composition. Private instruction is available with members of the Conservatory faculty, adjunct faculty, and student teachers who have successfully completed pedagogy requirements. The Preparatory calendar consists of two fifteen-week semesters and two six-week summer sessions. Although students are accepted throughout the year, it is recommended that students register at the beginning of each semester. Full tuition payment for private lessons, classes, and/or ensembles is due upon receipt of billing statement. Students may enroll through the Outreach Department by calling 440/826-2365.

MUL 174F MUSICAL STYLES II: *Three credit hours*
ROMANTIC & 20TH CENTURY MUSIC

A survey of the music and composers of the Romantic and 20th Century style periods with an emphasis on identification of characteristic stylistic elements and modern programming of these works.

MUL 178IF WORLD MUSIC *Three credit hours*

The study of the music of non-Western and Western cultures. Participants study the music of other peoples, thereby gaining an understanding of their culture, mores, and traditions. The different functions music serves in a society are also considered. Study includes music from people of Africa, Asia, Australia, Europe, North and South America, the Caribbean, and the Middle East. Students become acquainted with the music of these cultures through listening, reading and other outside assignments, class discussion, and concert attendance.

MUL 192 MUSIC IN THE EARLY CHILDHOOD *Three credit hours*
CLASSROOM

Required of all elementary education majors. May not be applied to the humanities requirement. Students will develop strategies for teaching music to children who are three through eight years of age. Classroom time will be spent exploring child development, learning a wide range of repertoire, and finding developmentally appropriate ways to help young children be expressive with music. Supervised clinical and field experiences and/or lab class required.

MUL 212F JAZZ IMPROVISATION *Two credit hours*

Development of basic improvisational skills. Some performance background necessary.

MUL 228FD JAZZ HISTORY *Two credit hours*

A survey of jazz from its origins through Dixieland and Ragtime to the present.

MUL 417 ELECTRONIC MUSIC *Two credit hours*

Survey of the evolution of electro-mechanical means of creating music with a focus on contemporary technology. Topics include hardware, software, MIDI, sequencing, sampling, and multimedia applications. May not be offered every year.

Music as Conservatory Study

MUS courses are designed for music majors and minors only, with the exception of MUS 170F Major Ensembles and MUS 171F Elective Ensembles. Non-music majors may enroll in other MUS courses only by consent of the Conservatory Assistant Director.

MUS 001 PERFORMANCE ATTENDANCE *Zero credit hours*

Attendance of a minimum number of performances each semester. See individual program requirements.

MUS 002 DEPARTMENTAL RECITAL *Zero credit hours*

Attendance of scheduled departmental recitals. See individual program requirements.

MUS 050 INDEPENDENT STUDY *Credit hours to be arranged*

See Independent Study, Section II

MUS 070 INTERNSHIP *Credit hours to be arranged*

See Internship program, Section II

**MUS 101F, 102F, PRIVATE LESSONS
201F, 202F,
301F, 302F,
401F, 402F**

One to four credit hours

Prerequisite: Entry-level audition; for subsequent levels- previous level.

Performance studies, available in all orchestral instruments, keyboard instruments, guitar, or voice. Credit hours assigned according to student's degree program.

MUS 106,107 HARMONY 1, 2

Two credit hours each

*Prerequisite for MUS 106 = successful completion of entering placement examinations;
for MUS 107 = MUS 106*

A comprehensive study of tonal harmony, approached through analysis, part writing, and keyboard exercises. Includes use of computerized notation programs.

MUS 111,112 INTRODUCTION TO COMPOSITION 1, 2

One credit hour each

Prerequisite: Consent of instructor

An introduction to musical composition, employing the smaller forms in a variety of styles.

MUS 116,117 SOLFEGE/EURHYTHMICS 1, 2

Two credit hours each

*Prerequisite for MUS 116 = successful completion of entering placement examinations;
for MUS 117 = MUS 116*

A comprehensive study of musical notation, ear training, sight-singing, and the development of musical memory. Skills developed include reading ability in the various clefs and rhythmic, melodic, and contrapuntal dictation.

MUS 130 INTRODUCTION TO MUSIC EDUCATION

One credit hour

A survey of American education and music education history, with an emphasis on music teaching and philosophy, school structure and governance, diversity and multicultural education, current approaches, and professional ethics. Supervised clinical and field experiences required.

MUS 131 GUITAR CLASS

One credit hour

Instruction in playing primary chords in several keys, strumming patterns to accompany singing, and a repertoire of songs from the folk, popular, and patriotic literature. Use of bass guitar and amplification included. Use of personally owned instruments advised.

MUS 132 INTERMEDIATE GUITAR CLASS

One credit hour

Prerequisite: MUS 131F or consent of instructor

Class instruction to further develop technique and broaden styles introduced in MUS 131F. Barre chords, note reading, accompaniment of singing, playing by ear, transposition, and finger picking are among topics for study.

MUS 135,136 VOICE CLASS 1, 2

One credit hour each

Prerequisite for MUS 136 = MUS 135

Introduction to the basic elements of singing, including physiological aspects of the singing process, diction principles based on the International Phonetic Alphabet, and expressive techniques. Emphasis on development of individual singing skills.

MUS 137,138 KEYBOARD MUSICIANSHIP 1, 2

One credit hour each

Prerequisite for MUS 138 = MUS 137

Class instruction in sight-reading and other basic keyboard skills for the non-piano music major. Open to music majors only.

MUS 140 SINGERS' PHONETICS One credit hour
The study of the International Phonetic Alphabet applied to singing in English, Italian, French and German.

MUS 141 SINGERS' PHONETICS 2 One credit hour
Prerequisite: MUS 140
Continued study of the International Phonetic Alphabet applied to singing in Latin, Spanish, Hebrew, and Russian.

MUS 145 OPERA/MUSICAL THEATRE WORKSHOP: INTRODUCTION One credit hour
For first-year musical theatre and vocal performance majors; others by consent of instructor only. Exploration of the basic interpretive techniques of solo repertoire.

MUS 151 INTRODUCTION TO MUSIC THERAPY Two credit hours
Provides an overview of the profession including terminology, history, and practical application of music therapy for various client populations. Assessment of personal qualities necessary to become a music therapist is an ongoing process of the class. Observations of music therapists and those in related fields are required in addition to class work.

MUS 170F MAJOR ENSEMBLES One credit hour
B-W SINGERS
COLLEGE CHOIR
CONCERT WIND ENSEMBLE
GUITAR ENSEMBLE
SYMPHONIC WIND ENSEMBLE
SYMPHONY ORCHESTRA
WOMEN'S CHOIR

May be repeated for credit.
MUS 171F ELECTIVE ENSEMBLES One credit hour
BRASS CHOIR
COLLEGIUM MUSICUM
JAZZ BAND
JAZZ COMBO
MOTET CHOIR
PERCUSSION ENSEMBLE

May be repeated for credit. May not be used to fulfill major ensemble requirement.

MUS 181,182 SIGHT-READING 1, 2 One credit hour each
Prerequisite for MUS 182 = MUS 181

Required of piano performance majors in the first year; piano minors may enroll with consent of the instructor. Development of fundamental prima-vista and quick-preparation reading skills for pianists.

MUS 206, 207 HARMONY 3, 4 Two credit hour each
Prerequisite for MUS 206 =MUS 107; for MUS 207 = MUS 206

A continuation of MUS 107, with emphasis on harmonic and melodic chromatics. Non-functional harmonic concepts, advanced aspects of popular music chord symbols, and jazz harmonic practices are introduced. The final segment emphasizes 20th century musical practices.

MUS 212 JAZZ IMPROVISATION Two credit hours
The development of basic improvisational skills. Some performance background necessary.

MUS 213 JAZZ ARRANGING/COMPOSITION *Two credit hours*
Fundamental techniques in arranging and composition for the jazz idiom. Analysis of stylistic approaches, compositional devices, and instrumentation. Weekly compositional and/or arranging projects required. Offered in alternate years.

MUS 216, 217 SOLFEGE 3, 4 *Two credit hours each*
Prerequisite for MUS 216 = MUS 117; for MUS 217 = MUS 216
A continuation of MUS 117. Dictation includes four-part counterpoint. The final segment emphasizes 20th century techniques.

MUS 221 LISTENING TO MUSICS OF THE WORLD *Two credit hours*
Prerequisite: Music majors and minors only
The art of listening through an introduction to the music of Western and non-Western cultures. Study includes music from the people of Africa, Asia, Australia, Europe, North and South America, the Caribbean, and the Middle East. The study of timbre, rhythm, form, and melody is used to develop and refine the listening skills of class participants.

MUS 222I MUSIC HISTORY & LITERATURE 1 *Three credit hours*
Music of the Medieval and Renaissance Eras
Prerequisite: MUS 221I or the ability to read music and consent of instructor
A study of stylistic developments and representative masterworks of the Medieval and Renaissance eras in the Western world. Music is studied in its cultural and historical contexts. Includes significant listening, score study, and written work.

MUS 228D HISTORY OF JAZZ *Two credit hours*
A survey of jazz from its origins through Dixieland and Ragtime to the present.

MUS 230 CLASSROOM INSTRUMENTS *One credit hour*
Prerequisite: MUS 130; PSY 110, 205; EDU 103
Class instruction in guitar, lap dulcimer, autoharp, recorder (soprano, alto, and tenor), and pitched and non-pitched small percussion instruments with emphasis on the development of playing skills, the understanding of pedagogical techniques and materials, and the ability to play and teach these instruments in a group setting.

MUS 231 BRASS CLASS *Two credit hours*
Class instruction in trumpet, horn, trombone, baritone horn, and tuba, with emphasis on the development of individual performance skills and diagnostic pedagogical techniques and materials. Supervised clinical and field experiences and lab class required.

MUS 232 WOODWIND CLASS *Two credit hours*
Class instruction in flute, clarinet, saxophone, oboe, and bassoon, with emphasis on the development of individual performance skills and diagnostic pedagogical techniques and materials. Supervised clinical and field experiences and lab class required.

MUS 233 STRING CLASS *Two credit hours*
Class instruction in violin, viola, cello, and bass, with emphasis on the development of individual performance skills and diagnostic pedagogical techniques and materials. Supervised clinical and field experiences and lab class required.

MUS 234 PERCUSSION CLASS *One or two credit hours*
Class instruction in percussion instruments, with emphasis on the development of individual playing skills and the understanding of pedagogical techniques and materials. Supervised clinical and field experiences and lab class required. Vocal-emphasis music education majors enroll for one credit hour.

- MUS 235 GENERAL MUSIC METHODS Three credit hours**
Prerequisite: EDU 201; MUS 230; PSY 205
 The study of methods and materials for teaching music to children, pre-K through high school. Includes child development, music behaviors (performing, creating, listening, analyzing), music teaching philosophies and approaches, planning and assessment, and the use of technology, and the sequencing of skills in general music settings across various populations. Supervised clinical and field experiences, 15 hours of field experiences, and lab class required.
- MUS 237, 238 KEYBOARD MUSICIANSHIP 3, 4 One credit hour each**
Prerequisite for MUS 237 = MUS 138; for MUS 238 = MUS 237
 Class instruction in functional piano skills including melody harmonization, figured-bass realization, improvisation, score reading, sight-reading, and transposition. Emphasis on spontaneous music making and ensemble playing.
- MUS 240 SINGERS' DICTION 1 One credit hour**
Prerequisite: MUS 140
 Continued development of skills acquired in MUS 140, with specialized work in English and German.
- MUS 241 SINGERS' DICTION 2 One credit hour**
Prerequisite: MUS 140
 Continued development of skills acquired in MUS 140, with specialized work in Italian and French.
- MUS 245 OPERA/MUSICAL THEATRE WORKSHOP: ACTING PROCESS One credit hour**
Prerequisite: MUS 145 or consent of instructor
 For second-year musical theatre and vocal performance majors; others by consent of instructor only. A study and implementation of the acting processes involved in the performance of musical theatre and opera.
- MUS 246 MUSICAL THEATRE WORKSHOP: AUDITIONS One credit hours**
Prerequisite: MUS 245 or consent of instructor
 For second-year musical theatre majors and second-year theatre majors; others by consent of instructor only. Musical theatre scene study and audition technique.
- MUS 247 OPERA WORKSHOP: PERIOD STYLES One credit hours**
Prerequisite: MUS 245 or consent of instructor
 For second-year vocal performance majors and third-year theatre majors; others by consent of instructor only. A study and implementation of performance in the various stylistic periods encountered in opera.
- MUS 251 RECREATIONAL MUSIC: PROGRAMMING AND LEADERSHIP Two credit hours**
Prerequisite: MUS 151 or consent of instructor
 Development of a repertoire of activities to provide a foundation for initial field work experiences. Adaptation of activities and instruments, basic assessment of client interests and needs, and evaluation of observations are required.
- MUS 252 MUSIC THERAPY PRACTICUM One credit hour**
Prerequisite: MUS 151 or consent of instructor
 Experiences working in a community agency, each experience including a musical and behavioral assessment of the group or individual, the development and implementation of ongoing treatment procedures and evaluation. May be repeated for credit; a minimum of three practica required.

- MUS 260 INSTRUMENTAL PEDAGOGY:
WINDS/PERCUSSION/STRINGS** **One credit hour**
Development of pedagogical techniques in the principal performing area. Opportunities for teaching experiences provided. May not be offered every year.
- MUS 263 SEMINAR** **Variable credit**
Specialized treatment of particular subjects. May not be offered every year.
- MUS 270 CHAMBER MUSIC** **One credit hour**
Rehearsal and performance of chamber music under faculty guidance. May be repeated for credit.
- MUS 281, 282 PIANO PEDAGOGY 1, 2** **Two credit hours each**
Prerequisite for MUS 282 = MUS 281
The study of elementary, intermediate, and advanced piano methods and materials, with emphasis on teaching techniques, pedagogical philosophy and the integration of theory, musicianship, ear-training, and sight-reading into the private lesson environment. Includes observation of private teachers and supervised student teaching.
- MUS 283 COLLABORATIVE PIANO** **One credit hour**
Required of sophomore, junior and senior B.M. Piano Performance majors; others by consent of instructor only. The study of key elements of effective collaborative performing, current career and artistic issues, practice and rehearsal techniques, and repertoire, with emphasis on duo works for piano and instrument/voice. Ongoing work with a minimum of one vocalist and one instrumentalist plus one recital performance required. May be repeated for credit.
- MUS 291 INTRODUCTION TO CONDUCTING** **Two credit hours**
Fundamental techniques of choral and instrumental conducting, including basic beat patterns, preparatory motions, cues, and releases.
- MUS 292 CHORAL CONDUCTING** **Two credit hours**
Prerequisite: MUS 291
Intermediate conducting techniques specific to choral conducting.
- MUS 293 INSTRUMENTAL CONDUCTING** **Two credit hours**
Prerequisite: MUS 291
Intermediate conducting techniques specific to instrumental conducting.
- MUS 303 PARTIAL JUNIOR RECITAL** **One-half credit hour**
Prerequisite: Approval of department
Preparation and performance of a half-length recital program at the junior level. Repertoire chosen to represent technical achievement and a variety of musical styles.
- MUS 306, 307 FORM AND ANALYSIS** **Two credit hours each**
Prerequisite for MUS 306 = MUS 207 or consent of instructor. For MUS 307 = MUS 306
Study of the motive, phrase, period, binary and ternary forms, sectional and continuous variations, sonata form, rondo and sonata-rondo, fugue, and free design. Emphasis on the historical development of these forms. The final segment focuses on analysis of the structure, function, and interrelations of all musical components.

MUS 3271 HISTORY OF OPERA Two credit hours

An examination of opera from its origins in the 17th century to the present.

MUS 331 CHORAL MUSIC METHODS Three credit hours

Prerequisites: EDU 201; MUS 235; PSY 205

The study of methods and materials for teaching instrumental music to students, grade 4 through high school. Includes the child singing voice, the changing voice, adolescent and late adolescent vocal development, curriculum and planning, repertoire, arranging, improvisation, and technology. Additional focus on performance settings, standard assessment, program administration, specialized learning, adjudicated events, behavior management, recruiting, and public relations. Supervised clinical and experiences, 15 hours of field experiences, and lab class required.

MUS 332 INSTRUMENTAL MUSIC METHODS Three credit hours

Prerequisites: EDU 201; MUS 235; PSY 205

The study of methods and materials for teaching instrumental music to students, grade 4 through high school, from a comprehensive musicianship perspective. Includes the late-adolescent development, curriculum and planning, repertoire, arranging, improvisation, and technology. Includes the beginning instrumentalist, starting and planning the instrumental program, instrument testing, adolescent and late adolescent development, curriculum and planning, repertoire, arranging, improvisation, and technology. Additional focus on performance settings, standard assessment, program administration, specialized learning, adjudicated events, behavior management, recruiting, and public relations. Supervised clinical and experiences, 15 hours of field experiences, and lab class required.

MUS 335 CHOREOGRAPHY FOR THE MUSIC EDUCATOR One credit hour

Prerequisites: HPE 141W - any basic level dance class

Basic choreography and stage techniques, including spatial design, using age-appropriate dance skills for age three through grade 12. May not be offered every year.

MUS 336 MARCHING BAND TECHNIQUES One credit hour

A detailed examination of the various elements involved in the marching band curriculum, including basic skills and the instructional techniques of marching and maneuvering, parade and field execution, drill design, auxiliary groups, and competition. Field experience required. May not be offered every year.

MUS 337 LISTENING PEDAGOGY One credit hour

Prerequisite: PSY 205 or consent of instructor

Approaches to developing listening skills with elementary and secondary school students. Emphasis on guiding student attention to individual musical ideas and on sustaining listeners attention throughout entire works. May not be offered every year.

MUS 338 MULTICULTURAL MUSIC EDUCATION One credit hour

Prerequisite: First-year theory sequence and MUS 221

Content includes: social-economic and historical background of different cultures, the connections between cultures and music, making musical instruments, the use of folk and traditional musical activities across diverse populations. Supervised clinical and field experiences required. May not be offered every year.

MUS 342, 343 VOCAL LITERATURE 1, 2 Two credit hours each

Study of vocal recital literature, focusing on the Lied, French melodie, and British and American art song. Some Russian and Czech literature included. Courses alternate in the spring semester.

- MUS 345 MUSICAL THEATRE WORKSHOP: SONDHEIM One credit hour**
Prerequisite: MUS 246 or consent of Instructor
 For third-year musical theatre majors and fourth-year theatre majors; others by consent of instructor only. Advanced study of scenes from Sondheim musicals.
- MUS 346 MUSICAL THEATRE WORKSHOP:
 MUSICAL IN CONCERT One credit hour**
Prerequisite: MUS 345 or consent of Instructor
 For third-year musical theatre; others by consent of instructor only. Workshop that culminates in a concert reading of a musical.
- MUS 347 OPERA WORKSHOP: SCENES One credit hour**
Prerequisite: MUS 247 or consent of Instructor
 For third-year vocal performance majors; others by consent of instructor only. Workshop that culminates in a public performance of opera scenes.
- MUS 348 VOCAL PERFORMANCE SEMINAR One credit hour**
Prerequisite: MUS 247 or consent of Instructor
 For third-year vocal performance majors; others by consent of instructor. Topics to be selected. May not be offered every year.
- MUS 351 MUSIC THERAPY IN PSYCHIATRY AND
 REHABILITATION Three credit hours**
Prerequisite: MUS 151 or consent of instructor
 Clinical methods as they relate to working with psychiatric, geriatric, medical, neurologically impaired, and addicted clients.
- MUS 352 MUSIC THERAPY WITH THE
 DEVELOPMENTALLY DISABLED Three credit hours**
Prerequisite: MUS 151 or consent of instructor
 Clinical practice as it relates to working with mentally retarded, autistic, sensory-impaired, physically challenged, and learning-disabled clients. Offered in alternate years.
- MUS 353 PROGRAM DEVELOPMENT AND
 ADMINISTRATION IN MUSIC THERAPY Two credit hours**
Prerequisite: MUS 151 or consent of instructor
 Focus on program planning, scheduling, budgeting, and public relations strategies. Procedures of documentation, standards of practice, codes of ethics, and legislative issues relating to the practice of music therapy included. Offered in alternate years.
- MUS 360 ORCHESTRAL REPERTOIRE:
 WINDS/PERCUSSION One credit hour**
 Intensive study and performance of standard orchestral repertoire. Emphasis on literature most frequently required for professional auditions. May be repeated for credit. May not be offered every year.
- MUS 363 SEMINAR Variable credit**
 Specialized treatment of particular subjects. May not be offered every year.
- MUS 381, 382 PIANO LITERATURE 1, 2 Two credit hours each**
 A survey of keyboard literature from Elizabethan times to the present. Offered in alternate years.

MUS 418 SENIOR RESEARCH IN MUSIC THEORY 1 One credit hour
MUS 419 SENIOR RESEARCH IN MUSIC THEORY 2 One credit hour

In-depth analysis and supporting research of a major work of symphonic proportions or a group of shorter works. Use of several analytical approaches expected. First semester: Completion of majority of research. Second semester: Completion of major paper in compliance with departmental requirements.

MUS 421 SPECIAL STUDIES IN RENAISSANCE MUSIC Two credit hours

Prerequisite: MUS 222I or consent of instructor

Topics to be selected. May not be offered every year.

MUS 422 SPECIAL STUDIES IN BAROQUE MUSIC Two credit hours

Prerequisite: MUS 321I or consent of instructor

Topics to be selected. May not be offered every year.

MUS 423 SPECIAL STUDIES IN THE MUSIC OF J.S. BACH Two credit hours

Prerequisite: Consent of instructor

Divided into minimesters. First minimester includes study of works to be performed in the annual Bach Festival and may be repeated for credit. Second minimester undertakes a study of Bach and his world and may not be repeated for credit. May not be offered every year.

MUS 424 SPECIAL STUDIES IN 18th CENTURY CLASSICISM Two credit hours

Prerequisite: MUS 321I or consent of instructor

Topics to be selected. May not be offered every year.

MUS 425 SPECIAL STUDIES IN 19th CENTURY MUSIC Two credit hours

Prerequisite: MUS 322I or consent of instructor

Topics to be selected. May not be offered every year.

MUS 426 SPECIAL STUDIES IN 20th CENTURY MUSIC Two credit hours

Prerequisite: MUS 322I or consent of instructor

Topics to be selected. May not be offered every year.

MUS 428 SENIOR RESEARCH IN MUSIC HISTORY 1 One credit hour

MUS 429 SENIOR RESEARCH IN MUSIC HISTORY 2 One credit hour

In-depth analysis and supporting research of a major work, composer, or style period. Use of several analytical approaches expected. First semester: Completion of majority of research. Second semester: Completion of major paper in compliance with departmental requirements.

MUS 438 RESEARCH IN MUSIC EDUCATION One credit hour

Study of basic materials and techniques in quantitative and qualitative research methodologies. May not be offered every year.

MUS 442,443 VOCAL PEDAGOGY 1,2 Two credit hours and one credit hour respectively

Prerequisite for MUS 443 = MUS 442

The study of technical functions of singing, combining historical pedagogy with current research in the acoustics and physiology of the human voice. Vocal exercises, problem solving techniques, and development of a personal philosophy of voice training are included. Includes observation of private teachers and supervised student teaching. Offered in alternate years.

- MUS 445** **MUSICAL THEATRE WORKSHOP:
SCENES AND MONOLOGUES** **One credit hour**
Prerequisite: MUS 346 or consent of Instructor
For fourth-year musical theatre majors; others by consent of instructor only. Advanced study of musical theatre scenes and monologues. Pre-professional preparation including pictures, resumes, union affiliations, casting directors and agents, and cold readings. Includes preparation of materials for the senior recital.
- MUS 446** **MUSICAL THEATRE WORKSHOP:
MUSICAL IN CONCERT** **One credit hour**
Prerequisite: MUS 445 or consent of Instructor
For fourth-year musical theatre majors and fourth-year theatre majors; others by consent of instructor only. Pre-professional preparation including pictures, resumes, affiliations, casting directors and agents, monologues, and cold readings. Workshop culminates in a concert reading of a musical. Professional understudy and performance assignments as available.
- MUS 447** **OPERA WORKSHOP: SCENES** **One credit hour**
Prerequisite: MUS 347 or consent of Instructor
For fourth-year vocal performance majors; others by consent of instructor only. Advanced workshop that culminates in a public performance of opera scenes.
- MUS 448** **VOCAL PERFORMANCE SEMINAR** **One credit hour**
Prerequisite: MUS 247 or consent of Instructor
For fourth-year vocal performance majors; others by consent of instructor. Topics to be selected. May not be offered every year.
- MUS 451** **PSYCHOLOGY OF MUSIC 1** **Two credit hours**
Prerequisite: MUS 151 or consent of instructor
An overview of current research in music learning, music preference, acoustics, influence of music on listener behavior, and measurement of music achievement and performance.
- MUS 452** **PSYCHOLOGY OF MUSIC 2** **Two credit hours**
Prerequisite: MUS 451
Practical exposure to research methods. Independent research projects incorporating the most common methods of data analysis and test design required.
- MUS 454** **INTERNSHIP** **One credit hour**
Prerequisite: Senior Music Therapy majors only; successful completion of all coursework
Six months of full-time clinical experience in an AMTA-approved facility. Documentation and special research projects included according to the clinical internship training plan. Must be completed within two years following conclusion of course work.
- MUS 463** **SEMINAR** **Variable credit**
Specialized treatment of particular subjects. May not be offered every year.
- MUS 492** **CONDUCTING SEMINAR** **One credit hour**
Prerequisite: Consent of instructor
Advanced score study and discussion of technical and musical conducting issues and administrative responsibilities. Some large-ensemble conducting opportunities possible.
- MUS 493** **CONDUCTING APPRENTICESHIP** **One credit hour**
Score preparation, rehearsal observation, and some large-ensemble conducting under the guidance of a master conductor.

NEUROSCIENCE

Neuroscience is a multidisciplinary study of the brain and its functioning. It is a new discipline that has grown out of modern needs to solve practical medical problems as well as address the continuing human desire to discover more about ourselves. Neuroscientists are interested in questions such as: "What is mind?" "Why do we sleep?" "Why do people feel emotions?" "What causes Alzheimer's Disease?" "What happens in the brain when we learn?" and "How does the brain organize itself before birth?" Individuals or groups of persons, with multidisciplinary training best address these challenging questions. Neuroscience is now a unified field that integrates Psychology, Biology, Chemistry, and several other traditional disciplines in the study of brain structure, physiology and behavior - including human emotional and cognitive functions.

Direct all questions related to the Neuroscience major or minor to Dr. Andrew Mickley, Director of the Neuroscience Program, Bonds Administration Building.

Neuroscience Major

Computer Code: NEUB/NEUC/NEUP

Neuroscience Majors must meet the published requirements of the *Biology Major (minimum of 50.5 hours)*, *Chemistry Major (minimum of 35.5 hours)*, **or** *Psychology Major (minimum of 41 hours)*, and also successfully complete the courses specified below. Neuroscience majors will receive a B.S. degree. Consistent with the College's policy on the awarding of two Bachelor's Degrees, Neuroscience Majors may not be awarded a second bachelor's degree by utilizing the same major they used (e.g., Psychology, Biology or Chemistry) to earn their Neuroscience degree.

Additional Required Courses for Biology Majors (Minimum 26 Hours Required)

BIO/PSY	250	Principles of Neuroscience	3 credits
PSY/BIO	303	Physiological Psychology	4 credits
BIO	333	Human Physiology	3 credits
PSY	279	Elements of Statistics	4 credits
PSY	280	Research Methods I	3 credits
NRO	491,492,493	Neuroscience Thesis/Project	4 or more credits

ONE (1) of the following courses:

PSY	327	Psychology of Learning	4 credits
PSY	328	Cognitive Processes	4 credits
PSY	329	Sensation and Perception	4 credits

Additional Required Courses for Chemistry Majors (Minimum 26 Hours Required)

BIO/PSY	250	Principles of Neuroscience	3 credits
PSY/BIO	303	Physiological Psychology	4 credits
BIO	203	Anatomy and Physiology I OR	4 credits
BIO	333	Human Physiology	4 credits
PSY	279	Elements of Statistics	4 credits

PSY	280	Research Methods I	3 credits
NRO	491,492,493	Neuroscience Thesis/Project	4 or more credits

ONE (1) of the following courses:

PSY	327	Psychology of Learning	4 credits
PSY	328	Cognitive Processes	4 credits
PSY	329	Sensation and Perception	4 credits

Additional Required Courses for Psychology Majors (Minimum 24 Hours Required)

BIO/PSY	250	Principles of Neuroscience	3 credits
PSY/BIO	303	Physiological Psychology	4 credits
BIO	203	Anatomy and Physiology I OR	4 credits
BIO	333	Human Physiology	4 credits
CHM	111	General Chemistry I + Lab	4.5 credits
CHM	112	General Chemistry II + Lab	4.5 credits
NRO	491,492,493	Neuroscience Thesis/Project	4 or more credits

Recommended additional courses for Neuroscience Majors

If the Neuroscience student desires additional specialized training in the field they may select electives from the following list:

BIOLOGY

BIO	121	Principles of Biology I	4 credits
BIO	114	General Zoology	3 credits
BIO	203	Anatomy and Physiology I	4 credits
BIO	204	Anatomy and Physiology II OR	3 credits
BIO	330	Mammalian Gross Anatomy	3 credits
BIO	211	Genetics	4 credits
BIO	212	Microbiology	4 credits
BIO	331	Developmental Biology	4 credits
BIO	332	Histology	3 credits
BIO	333	Human Physiology	4 credits
BIO	336	Molecular Biology	4 credits
BIO	341	Immunology	4 credits
BIO	410	Evolution	4 credits

CHEMISTRY

CHM	251	Organic Chemistry I+Lab	4.5 credits
CHM	252	Organic Chemistry II+Lab	5 credits
CHM	311	Biochemistry + Lab	4 credits

CHM	321	Instrumental Analysis + Lab	4 credits
CHM	351	Organic Spectroscopy	2 credits

MATH/COMPUTER SCIENCE

CSC	121	Introduction to Computer Information Systems	3 credits
MTH	140	Precalculus Mathematics	4 credits
MTH	141	Calculus I	4 credits
MTH	142	Calculus II	4 credits

PSYCHOLOGY

PSY	281	Thesis in Psychology	3 credits
PSY	302	Abnormal Psychology	4 credits
PSY	327	Psychology of Learning	4 credits
PSY	328	Cognitive Processes	4 credits
PSY	329	Sensation and Perception	4 credits
PSY	261,461,463	Special Topic Seminars (Relevant to Neuroscience)	3 credits

SOCIOLOGY

SOC	281	SPSS	4 credits
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Minor in Neuroscience

Baldwin-Wallace College offers an interdisciplinary Minor in Neuroscience. This Minor grew out of the recognition that modern science frequently draws upon multiple disciplines to answer difficult questions. The study of the brain presents such a scientific challenge. Further, the Minor was established in acknowledgment of the many recent advances in brain sciences and the corresponding increase in the number of graduate programs and employment opportunities in this field.

The Neuroscience Minor requires 21 credit hours

Required Courses (students must take all of these 11 credit hours. Note: required courses taken cannot also be used as electives.)

BIO/PSY	250	Principles of Neuroscience	3 credits
PSY/BIO	303	Physiological Psychology	4 credits
BIO	203	Anatomy and Physiology I OR	4 credits
BIO	333	Human Physiology	4 credits

Electives (In addition to the required courses above, students must take any 3 of these.)

Note: Students must take **at least one** course from Biology **or** Chemistry **and one** from Psychology.)

BIO	203	Anatomy and Physiology I	4 credits
BIO	204	Anatomy and Physiology II	3 credits
BIO	331	Developmental Biology	4 credits
BIO	333	Human Physiology	4 credits

BIO	341	Immunology	4 credits
BIO	405	Advanced Topics in Biology (Relevant to Neuroscience)	3-4 credits
BIO	050	Independent Study (Relevant to Neuroscience)	3-4 credits
CHM	311	Biochemistry + Lab	4 credits
CHM	050	Independent Study (Relevant to Neuroscience)	3-4 credits
PSY	261,262,263	Special Topics Seminars (Relevant to Neuroscience)	3 credits
PSY	280	Research Methods I	3 credits
PSY	281	Thesis in Psychology	3 credits
PSY	327	Psychology of Learning	4 credits
PSY	328	Cognitive Processes	4 credits
PSY	329	Sensation and Perception	4 credits
PSY	461,462,463	Seminar(Relevant to Neuroscience)	3 credits
PSY	050	Independent Study(Relevant to Neuroscience)	3-4 credits

Notes:

1. On a case-by-case basis, the Director of the Neuroscience Program will judge the Neuroscience relevance of the special topics, seminars and independent studies listed above. After an analysis of the course history of an individual student, the Director (in consultation with the Chair of the Psychology Department) may waive the prerequisites for the above Psychology courses for students pursuing the Minor.
2. This Minor is not designed to help the student meet all of the customary prerequisites for graduate school in Neuroscience. Students headed to graduate school in Neuroscience should pursue the Neuroscience Major and take additional electives relevant to their chosen field of study.

Neuroscience

Course Descriptions

NRO 050

INDEPENDENT STUDY

Credit hours to be arranged

See [Independent Study Program, Section II.](#)

NRO 070

INTERNSHIP

Credit hours to be arranged

See [Internship, Section II.](#)

PSY/BIO 250

PRINCIPLES OF NEUROSCIENCE

Three credit hours

This course may be taken to partially satisfy the core curriculum requirement in either the Social Sciences (PSY 250) or Natural Sciences (BIO 250).

An introduction to the study of the brain and behavior. In this course students will become familiar with recent advances in the growing field of Neuroscience as they consider how their brains work and how the nervous system grows, perceives, controls the body, sleeps, ages and responds to damage and disease.

BIO/PSY 303

PHYSIOLOGICAL PSYCHOLOGY

Four credit hours

Prerequisites: PSY 100 or PSY 110 or BIO 121L or BIO 203L or consent of instructor. This course (PSY 303) may be taken to partially satisfy the general curriculum requirement in the Social Sciences.

This lecture-laboratory course provides an overview of the physiological bases of behavior, cognition, motivation, emotion, learning and memory. Emphasis is placed on the mechanisms of brain and endocrine system functioning.

NRO 491,492,493

NEUROSCIENCE THESIS

Four or more credit hours

Prerequisites: PSY/BIO 250, permission of the thesis advisor and permission from the Chair of the Neuroscience Program.

This is the capstone research experience for the Neuroscience Major. Majors may select their thesis advisor from the faculty of the Biology, Chemistry or Psychology Departments. The topic of the thesis must be relevant to the study of the brain, peripheral nervous system, or the senses and must be approved by the Chair of the Neuroscience Program. It is expected that the Neuroscience Thesis will result in an archival scholarly paper and students will be encouraged to present their work at an appropriate forum (e.g., regional or national scientific meeting, Biology or Chemistry Seminars; B-W Science Poster session). The Thesis will be defended before the Neuroscience Studies Committee and Neuroscience students. Passing of the oral defense is required for the awarding of the Neuroscience Major.

ORGANIZATIONAL LEADERSHIP

Successful organizations demand successful leaders at all levels. This major focuses on an understanding of human behavior and leadership theory and practice. The Organizational Leadership program integrates courses from across disciplines to stimulate both critical and creative thinking. The broad, interdisciplinary curriculum provides the framework necessary for managing and leading in today's team-based organizations. The Organizational Leadership major is limited to employed adults registered in the Evening/Weekend Program.

Organizational Leadership

Computer Code: OGLS

Links to other majors, minors, and certificates:

OL majors may choose to double major in Psychology, Sociology, or Business, or complete a minor in one or more of those fields by counting the required courses in both areas. Some certificate programs also mesh well with the OL major: Human Resources, Organizational Development, and Applied Communications.

Prerequisites:

Note: SOC 100 **or** SOC 106, CST 106, and PSY 110 are required of all Organizational Leadership majors. These courses are to be completed before taking other required courses in that department as indicated below.

Minimum credits required: 45-49 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

Leadership Base Component

LDR	201	Introduction to Leadership	3 credits
LDR	202D	Contemporary Leadership Problems	3 credits

Content Component

BUS	305	Introduction to Management	3 credits
BUS	326	Legal Environment of Organizations	3 credits
PSY	321	Human Relations & Group Dynamics	3 credits*
SOC	106	Organizations at Work	3 credits*

Choose one

SOC	301D	Social Inequalities	3 credits*
CST	313	Organizational Communication	3 credits*

Research Component

SOC	280	Research Methods	4 credits*
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Statistics (choose one)

PSY	279	Elements of Statistics	4 credits*
ECN	279	Elements of Statistics	4 credits*
MTH	135	Introduction to Probability and Statistics	3 credits*

Data Analysis (choose one)

CSC	131	EXCEL AND	2 credits*
CSC	131	ACCESS	2 credits*
OR			
SOC	281	SPSS: Data Analysis	4 credits*

Capstone

OLS	444	Senior Seminar: Int. of Theory and Practice	4 credits*
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Choose One Of The Following Emphases:

The Organizational Leadership major requires a three-course emphasis in either Human Resources or Human Services. Courses in the emphasis area should be completed prior to enrolling in the capstone course, OLS 444.

Human Resource Emphasis

BUS	410	Human Resources	3 credits*
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Choose two of the following:

BUS	329	Business Ethics	3 credits
BUS	411	Compensation Management	3 credits*
BUS	412	Employment Law/Labor Relations	3 credits*
BUS	413	Staffing & Development	3 credits*
SOC	290D	Gender Roles	3 credits*
PSY	320	Industrial/Organizational Psychology	4 credits*

Human Services Emphasis**Choose three of the following:**

CRJ/SOC	223	Juvenile Delinquency & Juv. Justice Sys.	3 credits*
PSY	315	Child Development	4 credits*
PSY	325	Adolescent Development	4 credits*
PSY	335	Adult Development and Aging	4 credits*
SOC	344D	Aging and Society	3 credits*
SOC	345	Medical Sociology	3 credits*

Organizational Leadership

Course Description

OLS 444 SENIOR SEMINAR: INTEGRATION OF THEORY AND PRACTICE *Four credit hours*

This course includes a required field experience of 40 hours in a work setting related to the student's personal career goals as they are related to the Organizational Leadership major. Students keep a journal during the field experience in which they record the events that relate to specific courses in the major and any minors or concentrations they may have completed. The field experience becomes the central organizing element of the paper for the course. In this paper students are expected to integrate classroom learning with the internship. Finally, students give a 40-minute presentation plus a question and answer session in the class.

PHILOSOPHY

The mission statement of Baldwin-Wallace College states that B-W aims to help students grow intellectually and spiritually, and that B-W graduates should be compassionate, contributing global citizens. The Philosophy program at B-W contributes to this goal by fostering critical thinking, intellectual inquisitiveness, sensitivity to ethical complexity, and independent reflection—all of which are necessary to become an engaged citizen and required in virtually any career.

Philosophy literally means "love of wisdom," so concerns of philosophy are broad and interdisciplinary. They range from seeking to understand the methods and foundations of politics, the arts, science, and education, to searching for answers to questions about the meaning of reality, truth, moral values, aesthetic experience, and the human self. Philosophy is therefore a good choice for a second major or minor to compliment a variety of different majors. In addition, as a Core course, philosophy can teach skills that help students to succeed in college and in continuing adult life.

Philosophy is a worthwhile activity simply for the personal enlightenment that it can provide. But the Philosophy program also strives to impart the general skills that are crucial for most professions. Philosophy students learn how to read and understand abstract thinking and sophisticated reasoning. They also learn to think critically, developing their own views and expressing their opinions persuasively in speech and writing. These skills are sought by employers in almost any profession.

Philosophy courses do not need to be taken in a rigid sequence. Any philosophy course should improve philosophical abilities. However, the courses are classified by the difficulty of the reading involved and the amount of philosophical training and background required.

Philosophy courses at Level 1 and Level 2 may be used to meet part of the college's Core requirements in Humanities: Cultural Heritage.

Philosophy Major

Computer Code: PHL Y

The philosophy major consists of a minimum of 23 credit hours, at least two of which must be at Level 3. No more than two courses at Level 1 may count toward the major.

Students majoring in philosophy will design a program of courses with the assistance of a philosophy faculty advisor based on the student's interests, academic needs, and future plans. A second major is recommended to compliment the philosophy major. Also, it is recommended that students design an Independent Study and/or a Departmental Thesis to pursue areas of individual interest and to synthesize their philosophical thinking with their second major area of study.

Students majoring in philosophy who intend to pursue graduate study in philosophy are advised to take German and/or French through the level of 102. Also, a senior paper, written while the student is registered in the Senior Tutorial course, is required for all majors who plan to do graduate work in philosophy.

Philosophy Minor

A minor in philosophy requires a minimum of 17 credit hours, with no more than two courses at Level 1. The minor program is designed by the student with his or her faculty advisor to meet the student's academic objectives.

Philosophy Course Descriptions

PHL 050(I) INDEPENDENT STUDY *One to four credit hours*
See [Independent Study Program](#)

LEVEL 1 COURSES are suitable for students with no background in philosophy and serve as introductions to the study of philosophy.

PHL 101 PHILOSOPHICAL QUESTIONS *Three credit hours*
An introduction to philosophical reflection and questioning through the examination of some of the central themes of philosophy.

PHL 102 ETHICS *Three credit hours*
Classic Ethical theories such as virtue ethics, utilitarianism, and duty ethics are used to analyze current moral problems involving issues such as social justice, war, legal punishment, global issues, science and technology, and professional ethics.

PHL 103 PHILOSOPHY OF HUMAN NATURE *Three credit hours*
A study of theories of human nature and their capacities to improve the human condition. Among the questions this area of philosophy considers are: What is the essential nature of the human being? What should characterize human life? Is there anything more to human life than what we experience with our senses? Readings are drawn from various disciplines, cultures, and/or historical periods.

PHL 104 CRITICAL THINKING *Three credit hours*
A study of the basic skills of good reasoning needed for the intelligent and responsible use of reasoning in everyday life. Topics include identifying arguments and judging their validity and strength; identifying common fallacies of reasoning, use and abuse of language in persuasion, and principles of fair play in argumentation and debate.

LEVEL 2 COURSES are for students who may have some philosophical background, to the extent of having taken at least one Level 1 course. Instructors may consent to allowing students without this prerequisite into a class if the student can demonstrate a strong interest in philosophy or some other background in philosophy.

PHL 205 TOPICS IN ETHICS *Three to four credit hours*
A detailed study of a selected topic in ethics. May be repeated for credit if the topic is one for which the student has not already received credit.

PHL 209 POLITICAL AND SOCIAL PHILOSOPHY *Four credit hours*
Prerequisite: One Level 1 course or consent of the instructor
Critical evaluations of selected political and social concepts with historical and contemporary significance, including the state, law, government, power, political obligation, justice, rights, freedom, and equality. Extensive reading in original texts is required. May be offered less frequently than once a year.

PHL 211 HISTORY OF PHILOSOPHY: ANCIENT *Four credit hours*
Prerequisite: One Level 1 course or consent of the instructor
A survey of the history of Western philosophy from the Pre-Socratics to Aristotle. May be offered less frequently than once a year.

PHL 212I HISTORY OF PHILOSOPHY: MEDIEVAL Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

A survey of the history of Western philosophy from post-Aristotle to St. Thomas. This course follows PHL 211I, but may be taken independently of it. May be offered less frequently than once a year.

PHL 213 HISTORY OF PHILOSOPHY: MODERN Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

A survey of the history of Western philosophy from the seventeenth to the twentieth centuries. This course follows PHL 212I, but may be taken independently of it. May be offered less than once a year.

PHL 214I EXISTENTIALISM Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

A close examination of seminal materials in the "philosophy of existence," including works by Dostoyevsky, Kierkegaard, Nietzsche, Ortega, Sartre, and Camus. May be offered less frequently than once a year.

PHL 247 PHILOSOPHY OF SCIENCE Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

The nature of scientific explanation is studied as well as clarification of methods and concepts in science, such as cause, law, theory, probability, determinism, and teleology. May be offered less frequently than once a year.

PHL 249F PHILOSOPHY OF ART Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

An examination of the problems that arise when we reflect upon the nature and basis of criticism of works of art. May be offered less than once a year.

PHL 263 SEMINAR Three or Four credit hours

Varied topics of specialized interest. Offered to advanced and qualified students.

PHL 269 PHILOSOPHY OF RELIGION Four credit hours

Prerequisite: One Level 1 course or consent of the instructor

The nature of religion, the relationship between religion, philosophy, and science, the problem of faith and reason, and contemporary issues regarding religious language are studied. May be offered less frequently than once a year.

LEVEL 3 COURSES are the most challenging and are designed for students who have significant philosophical background, to the extent of having taken at least one or two Level 2 courses.

PHL 312 METAPHYSICS Four credit hours

Prerequisite: One Level 2 course or consent of the instructor.

An introduction to the basic problems of metaphysics, including the relation of mind and body, freedom and determinism, the structure of space and time, causation, and the existence of God. May be offered less than once a year.

PHL 313 EPISTEMOLOGY Four credit hours

Prerequisite: One Level 2 course or consent of the instructor.

A philosophical examination of the nature, extent, and bases of knowledge. This course will include topics such as the justification of claims to knowledge, the relation between knowing and believing, the problem of certainty, and the nature of truth. May be offered less frequently than once a year.

PHL 371 SPECIAL TOPICS IN PHILOSOPHY Four credit hours

Prerequisite: One Level 2 course or consent of the instructor.

A detailed study of a selected topic in philosophy. Student interest will help to determine what topics will be offered. May be repeated for credit, provided that the topic is different from any for which the student has already received credit. Topics to be announced. May be offered less frequently than once a year.

PHL 372

GREAT PHILOSOPHERS

Four credit hours

Prerequisite: One Level 2 course or consent of the instructor.

A detailed investigation of the works of a significant philosopher or philosophic tradition. Student interest will help to determine what topics will be offered. May be repeated for credit, provided the topic is different from any for which the student has already received credit. Topics to be announced. May be offered less frequently than once a year.

PHL 464

SENIOR TUTORIAL

One to three credit hours

Prerequisite: Senior major status.

Under tutorial supervision, students are given extensive training in the analysis of a philosophical problem or system with a view to producing a senior thesis.

PHL 491,492

DEPARTMENTAL THESIS/PROJECT

Credit hours to be arranged

See [Departmental Thesis/Project, Section II](#).

PHYSICS

Physics explores the scientific principles governing the behavior of the physical world. These principles provide insight into the nature of the universe around us and are the basis for new technology. The department's program utilizes a combination of lectures, laboratories, discussions and independent work to help students acquire an understanding of these principles and their implications. Introductory Physics, General Physics and Workshop Physics cover the topics needed for a student beginning a program in physics, pre-engineering, chemistry, pre-medicine and pre-physical therapy. The department also offers all the standard advanced courses needed for a physics major intending to do graduate work in physics or astronomy.

All 100-level courses may be used to satisfy a portion of the core curriculum requirement in science.

Physics Major

Computer Code: PHYS

Minimum required hours: 62-64 credits (plus prerequisites as indicated)

Required Courses in Physics (* = Prerequisite Required)

PHY 131 General Physics I **AND** 4 credits

PHY 151L Introductory Physics Lab I **OR** 1 credits

PHY 145 Workshop Physics I 5 credits

Either PHY 131 along with 151L or PHY 145, but not both, may be taken for credit.

PHY 132 General Physics II **AND** 4 credits*

PHY 152L Introductory Physics Lab II **OR** 1 credits

PHY 146 Workshop Physics II 5 credits*

Either PHY 132 along with 152L or PHY 146, but not both, may be taken for credit.

PHY 233 Modern Physics 4 credits*

PHY 311 Electronic Instrumentation 3 credits*

PHY 312 Advanced Laboratory 3 credits*

Advanced Lab must be taken two times with different experiments each time it is taken.

Any five (5) of the following 300-level courses must be successfully completed.

PHY 312 Advanced Laboratory 3 credits*

PHY 331 Mechanics I 3 credits*

PHY 332 Mechanics II 3 credits*

PHY 341 Theoretical Physics 3 credits*

PHY 361 Electromagnetism 4 credits*

PHY 362 Physics of Waves 3 credits*

PHY 371 Thermal Physics 4 credits*

PHY 372 Quantum Physics 3 credits*

Required courses in areas other than Physics

CHM	111	General Chemistry I	4 credits*
CHM	111L	General Chemistry Lab	0.5 credits*
CHM	112	General Chemistry II	4 credits*
CHM	112L	General Chemistry Lab	0.5 credits*
MTH	141	Calculus I	4 credits*
MTH	142	Calculus II	4 credits*
MTH	243	Calculus III	4 credits*
MTH	212	Differential Equations	3 credits*

The following course is recommended but not required

MTH	313	Applied Analysis	3 credits*
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Binary Program in Engineering

The pre-engineering program prepares Baldwin-Wallace students to earn an engineering degree through educational affiliations with the engineering schools of Case Western Reserve University, Columbia University and Washington University (St. Louis). Upon satisfactory completion of the three-year pre-engineering program at B-W and the two-year engineering program at the engineering school, a student receives the Bachelor of Arts degree from B-W and the Bachelor of Science in their chosen field of engineering from the engineering school. *Completion of the program at other recognized engineering schools is possible if prior approval of the B-W pre-engineering advisor is obtained.*

Physics Based Engineering Areas Major

Computer Code: PREN

This major is designed for students interested in civil engineering, mechanical engineering, electrical engineering or one of the other physics-based engineering programs.

Minimum required semester credit hours 56-58 credits at B-W plus additional credits at the engineering school in which the program is completed.

Required Courses in Physics

PHY	131	General Physics I AND	4 credits
PHY	151L	Introductory Physics Lab I OR	1 credits
PHY	145	Workshop Physics I	5 credits
Either PHY 131 along with 151L or PHY 145, but not both, may be taken for credit.			
PHY	132	General Physics II AND	4 credits*
PHY	152L	Introductory Physics Lab II OR	1 credits
PHY	146	Workshop Physics II	5 credits*
Either PHY 132 along with 152L or PHY 146, but not both, may be taken for credit.			
PHY	233	Modern Physics	4 credits*
PHY	311	Electronic Instrumentation	3 credits*
PHY	312	Advanced Laboratory	3 credits*

CHM	111	General Chemistry I	4 credits*
CHM	111L	General Chemistry Lab	0.5 credits*
CHM	112	General Chemistry II	4 credits*
CHM	112L	General Chemistry Lab	0.5 credits*
MTH	141	Calculus I	4 credits*
MTH	142	Calculus II	4 credits*
MTH	243	Calculus III	4 credits*
MTH	212	Differential Equations	3 credits*
CSC	210	Computer Science I	3 credits*

Any three (3) of the following 300-level courses must be successfully completed.

PHY	312	Advanced Lab	3 credits*
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Advanced Lab may be repeated if different experiments are done each time.

PHY	331	Mechanics I	3 credits*
PHY	332	Mechanics II	3 credits*
PHY	341	Theoretical Physics	3 credits*
PHY	361	Electromagnetism	4 credits*
PHY	362	Physics of Waves	3 credits*
PHY	371	Thermal Physics	4 credits*
PHY	372	Quantum Physics	3 credits*

The following courses may be required by some of our affiliated schools of engineering but are not required by B-W.

PHY	260	Engineering Materials	2 credits*
PHY	261	Introduction to Statics	2 credits*

Some of our affiliated schools strongly recommend courses similar to PHY 260-261.

Before transferring to the engineering school at which they will complete the work for their degree, pre-engineering students must complete:

- at least 92 credit hours of coursework at B-W
- the B-W core curriculum requirements.

Some of our affiliated schools require the completion of at least 3 courses in one area of the humanities or social sciences, with one of these courses being an upper level course. For B-W students planning on completing their engineering degree at CWRU, PHY 260-261 is recommended.

Chemistry Based Engineering Areas Major

Computer Code: PNGC

This major is designed for students interested in chemical engineering or one of the other chemistry-based engineering programs.

Minimum required semester credit hours 63 credits at B-W plus additional credits at the engineering school in which the program is completed.

CHM	111	General Chemistry I	4 credits*
CHM	111L	General Chemistry Lab	0.5 credits*
CHM	112	General Chemistry II	4 credits*
CHM	112L	General Chemistry Lab	0.5 credits*
PHY	131	General Physics I AND	4 credits
PHY	151L	Introductory Physics Lab I OR	1 credits
PHY	145	Workshop Physics I	5 credits
Either PHY 131 along with 151L or PHY 145, but not both, may be taken for credit.			
PHY	132	General Physics II AND	4 credits*
PHY	152L	Introductory Physics Lab II OR	1 credits
PHY	146	Workshop Physics II	5 credits*
Either PHY 132 along with 152L or PHY 146, but not both, may be taken for credit.			
MTH	141	Calculus I	4 credits*
MTH	142	Calculus II	4 credits*
MTH	243	Calculus III	4 credits*
MTH	212	Differential Equations	3 credits*
MTH	314	Numerical Analysis	3 credits*
CSC	210	Computer Science I	3 credits*
CHM	221	Quantitative Analysis	3 credits*
CHM	221L	Quantitative Analysis Lab	1 credits*
CHM	251	Organic Chemistry I	4 credits*
CHM	251L	Organic Chemistry Lab	0.5 credits*
CHM	252	Organic Chemistry II	4 credits*
CHM	252L	Organic Chemistry Lab	0.5 credits*
CHM	331	Physical Chemistry I	3 credits*
CHM	331L	Physical Chemistry Lab	0.5 credits*
CHM	332	Physical Chemistry II	3 credits*
CHM	332L	Physical Chemistry Lab	0.5 credits*

Before transferring to the engineering school at which they will complete the work for their degree, pre-engineering students must complete:

- at least 92 credit hours of coursework at B-W
- the B-W core curriculum requirements.

Some of our affiliated schools require the completion of at least 3 courses in one area of the humanities or social sciences, with one of these courses being an upper level course.

Physics Minor

A minor in physics requires a minimum of 20 credit hours of courses in physics. These credits must include either General Physics and Lab or Workshop Physics: (PHY 131 and 151L or PHY 145) and (PHY 132 and 152L or PHY 146) and Modern Physics PHY 233. An additional two (2) more different courses must be selected from the 300-level courses in physics below:

PHY	312	Advanced Lab	3 credits*
PHY	331	Mechanics I	3 credits*
PHY	332	Mechanics II	3 credits*
PHY	341	Theoretical Physics	3 credits*
PHY	361	Electromagnetism	4 credits*
PHY	362	Physics of Waves	3 credits*
PHY	371	Thermal Physics	4 credits*
PHY	372	Quantum Physics	3 credits*

Students planning teaching careers in the elementary, middle or secondary schools should consult the Division of Education.

Students interested in Environmental Science should see the Environmental Science Minor.

Physics Course Descriptions

PHY 050I **INDEPENDENT STUDY** **One to six credit hours**
See [Independent Study Program, Section II.](#)

PHY 070 **FIELD EXPERIENCE/INTERNSHIP** **Credit hours to be arranged**

See [Field Experience/Internship, Section II.](#)

PHY 101 **ACOUSTICS** **Four credit hours**

A lecture-laboratory course providing an introduction to the field of sound with special attention to the areas of speech and music. This course is designed for students not majoring in science and presupposes nothing more than elementary high school mathematics and general science as a background. Science majors interested in the field of sound may find the course interesting on an audit or credit basis. Lab included.

PHY 102 **TOPICS IN PHYSICS** **Three credit hours**

Topics in Physics is a collection of introductory lecture courses in various areas and are primarily intended for students not majoring in science. All of the topics presuppose only a knowledge of high school mathematics and general science. All of the topics courses typically include the interdisciplinary links between the sciences, social sciences and humanities. PHY 102 may be repeated for credit if different topics are taken. No lab. The topics below are currently being offered on a regular basis.

•Energy and the Future

A survey of current energy resources and possibilities for the future such as solar energy, geothermal energy, tidal energy and energy from nuclear fusion. Attention is paid to methods of energy production efficiency of energy usage, anticipated fuel reserves for various energy sources and the economic, environmental, political, social and aesthetic implications of energy production by various methods.

•Science Through the Ages

A historical guide to science, scientists, which begins with the Greek roots of modern science and then traces in more detail the evolution of science during the past few centuries from an obscure esoteric activity to the professionalized, the industrialized, and democratic version of science we have today.

•Physics of the 20th Century

A survey of the important physics that came about over the last century. The class will examine the theoretical successes, such as quantum theory and relativity, as well as some of the important technological developments such as solid state electronics and lasers.

•Physics of Weather

An introduction survey course investigating the underlying physics of the Earth's climate. The course will investigate topics such as the short-term climate changes from the interaction of energy flow between the oceans, atmosphere, and land masses; solar radiation; weather fronts; cloud formation; condensation and precipitation; atmospheric electricity and lightning; and various storm phenomena.

PHY 103

FRONTIERS OF PHYSICS

Three credit hours

A study of those areas of knowledge such as astrophysics, biophysics, geophysics, nuclear energy, relativity, the nature of matter, and other topics which presently comprise the frontiers of physics. This course is intended for students not majoring in science and presupposes only a knowledge of high school mathematics and general science. Because of the nature of the subject material covered, the course is also recommended for interested physics majors on either an audit or credit basis.

PHY 105L

PHYSICS IN EVERYDAY LIFE

Four credit hours

Offered primarily for Evening/Weekend Students; day students only with special permission.

A lecture-laboratory course in which physics principles underlying many phenomena encountered in daily life are studied. The course assumes no prior background in mathematics or physics other than the normal college entrance requirements. Topics are studied through a combination of lectures, demonstrations, and laboratories, which include "envelope experiments" that can be completed at home. Lab included.

PHY 106

LIGHT, COLOR, VISION

Four credit hours

Offered primarily for Evening/Weekend Students; day students only with special permission.

A lecture-laboratory course investigating optical phenomena found in nature, photography, color vision and holography. The topics are studied in a way that is meaningful for those whose interests are in a variety of fields other than science: art, psychology, photography, etc. The course assumes no prior background in mathematics or physics other than the normal college entrance requirements. Emphasis is placed on the optical phenomena seen in everyday life. Light, color, and vision are studied through a combination of lectures, demonstrations, and laboratories, which include "envelope experiments" that can be completed at home. Lab included.

PHY 107L

SPACE FROM THE GROUND UP

Three credit hours

Offered primarily for Evening/Weekend Students; day students only with special permission.

A lecture-laboratory course intended to provide an insight into space propulsion, space power, space exploration, living in space, and future space ventures through the eyes of physicists, but in a way that would be meaningful for those whose interests are in a variety of other fields: art, psychology, photography, business, law, etc. The course assumes no prior background in mathematics or physics other than the normal college entrance requirements. Emphasis is placed on understanding the fundamental scientific principles and their application to space projects. Space related topics are studied through a combination of lectures, demonstrations and laboratories, which include "envelope experiments" which can be completed at home. Lab included.

PHY 131,132 GENERAL PHYSICS I, II Four credit hours each

The student is assumed to have had high school mathematics through algebra and pre-calculus. High school physics and a familiarity with calculus are highly recommended or calculus can be taken concurrently. Except by permission of the instructor, PHY 151L is to be taken concurrently with PHY 131 and PHY 152L to be taken concurrently with PHY 132.

A two-semester sequence covering the standard physics topics expected for a major in physics, chemistry, pre-med, or pre-engineering. Concepts are presented primarily in lecture-demonstration form, but in a sufficiently small class setting that allows for student questions. The course emphasizes qualitative and quantitative problem solving skills. PHY 131 emphasizes mechanics and heat while PHY 132 delves into electricity, magnetism, light, and optics. Students may not take both PHY 131 and 145 or both PHY 132 and 146 for credit.

PHY 151L,152L INTRODUCTORY PHYSICS LAB I,II One credit hours each

Except by permission of the instructor, PHY 151L is to be taken concurrently with PHY 131 and PHY 152L to be taken concurrently with PHY 132.

Laboratory to accompany General Physics I and II (PHY 131, 132). Experiments designed to investigate and reinforce the ideas and concepts developed in General Physics. Employing recent computer technology to gather and graphically analyze data, PHY 151L emphasizes experiments in mechanics (motion, force, energy, etc.) and heat (temperature, heat capacity, latent heat, etc.). PHY 152L first focuses on mechanical oscillations, static electricity, DC circuits, Ohm's law, frequency-dependent AC circuits, and magnetic effects. Students gain some experience with "bread-boarding" circuits, and the use of modern digital multi-meters and CRT oscilloscopes. The last part of PHY 152L concentrates on the basic properties of light with experiments in reflection, refraction, simple optical systems, and interference.

PHY 145,146 WORKSHOP PHYSICS I,II Five credit hours each

The student is assumed to have had high school mathematics through algebra and pre-calculus. High school physics and a familiarity with calculus are highly recommended or calculus can be taken concurrently.

A two-semester sequence covering most of the standard introductory physics topics needed for a science major or for those needing a lab science. Workshop Physics is presented primarily in a laboratory setting. Rather than lectures and demonstrations, almost all concept development is achieved by hands-on activities and many mini-investigations with an emphasis on student inquiry, peer interaction, and small group activities. Workshop Physics' slower rate of concept development results in the coverage of somewhat fewer topics, but in more than does General Physics. The first semester emphasizes mechanics and heat while the second semester explores electricity, magnetism, light, and optics. Students may not take both PHY 131 and 145 or both PHY 132 and 146 for credit.. Workshop Physics students must sign up for an additional hour TBA so that the actual in-class time is the same as General Physics.

PHY 200 SCIENCE One to four credit hours

A study of a topic in science which may involve an interdisciplinary approach. Course content is determined by the department under whose auspices the course is offered.

PHY 263 SEMINAR One to four credit hours

Open to all students interested in physics

Reports and discussions of topics of interest in physics.

PHY 233 MODERN PHYSICS Three credit hours

The student is assumed to have taken General Physics, Workshop Physics, or the equivalent and to have completed or be taking introductory calculus.

A one-semester introduction to the developments in physics since about 1900. Topics such as special relativity, the Bohr atom, atomic and molecular physics, nuclear processes and the important experiments leading to the modern quantum theory are studied in detail. In addition to important course material, Modern Physics begins the development of the applied math skills

needed by the professional scientist. PHY 233 is required for a physics minor, for all physics, pre-engineering majors, and some science teaching licensure. Modern Physics should be taken as soon as possible after completing General Physics or Workshop Physics. PHY 233 is normally offered every Fall semester.

PHY 260 ENGINEERING MATERIALS Two credit hours

Prerequisite: one year of introductory physics and chemistry or instructor's permission

A lecture course studying the most important materials of practical interest to engineers and manufacturers. Special consideration will be given to the different physical and chemical characteristics of and the means of manufacturing metallic, polymeric, ceramic, and composite materials. PHY 260 is taught as needed as a minimester and is especially recommended for students in the pre-engineering program.

PHY 261 INTRODUCTION TO STATICS Two credit hours

Prerequisite: one year of introductory physics or instructor's permission

A lecture course concentrating on equilibrium forces and torques on extended bodies. Topics covered include stress, strain, elastic moduli, Poisson's ratio, compression, tension, sheer, bending, torsion, power, moments of inertia, bending moments, beam deflection and Mohr's circle. PHY 261 is taught as needed as a minimester and is especially recommended for students in the pre-engineering program.

PHY 311 ELECTRONIC INSTRUMENTATION Three credit hours

Prerequisite: PHY 131, 132 or PHY 145, 146, or instructor's permission

A lecture-laboratory course covering the basic principles of circuit design and analysis, use of standard modern instrumentation such as multi-meters, signal generators, and oscilloscopes. The analog part of the course moves from basic DC resistor circuits, to AC frequency filters, diodes, bipolar transistors, op-amps, and 555 oscillator circuits. The digital portion covers analog to digital conversion, boolean logic, and various digital gate and multiplexing circuits. If time permits, computer simulated analog and/or digital circuits may be studied. PHY 311 is required for all physics and pre-engineering majors, and some science teaching licensure. PHY 311 is offered on an alternate year basis.

PHY 312 ADVANCED LABORATORY Three credit hours

Prerequisite: PHY 131, 132 or PHY 145, 146, or instructor's permission

A laboratory course in which independent experiments of advanced level in physics and engineering are designed, performed and analyzed by the student, acting in consultation with the instructor. Results are expected to be obtained with sufficient care and detail to make the results comparable to quality research results. Typically, an independently designed project with an oral and/or a poster presentation is expected. PHY 312 may be repeated if different experiments are carried out each time it is taken. The current advanced lab topics offered are:

Advanced Labs

- Optics and Holography: Review of lenses, mirrors, interference, diffraction, and their applications: Michelson and Mach-Zehnder interferometers, Reflection and transmission holography.
- Modern Physics: A lab designed primarily around the important physics experiments of the last century: e/m ratio of the electron, photo-electric effect, Franck-Hertz effect, scanning tunneling microscope, Michelson interferometer, hydrogen/deuterium spectrum, Bragg scattering.
- Computational Physics: A lab helping students write their own programs to solve problems by numerical methods.
- Special Lab Topics: With prior permission of the instructor, experiments, projects, or research of particular interest to the student may be arranged.

PHY 331**PHYSICAL MECHANICS I****Three credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

A one-semester course in classical mechanics as developed by Galileo, Kepler, Newton and their successors. The course includes a brief review of first year topics, but progresses quickly beyond the introductory level to include such topics as damped and driven oscillatory motion, velocity-dependent forces, non-cartesian coordinate systems, rigid body motion and two-body and central force motion, and, as time permits, Lagrangian mechanics. PHY 331 is offered on an alternate year basis.

PHY 332**PHYSICAL MECHANICS II****Three credit hours**

Prerequisite: PHY 331 or instructor's permission

Offered as needed, Mechanics II will continue the development of Lagrangian and Hamiltonian mechanics, virtual work, numerical methods, non-linear dynamics, and/or other advanced topics.

PHY 341**THEORETICAL PHYSICS****Three credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

A one-semester lecture course which explores the principles and mathematical methods underlying a wide range of topics in physics. The course will focus on solving problems efficiently with the appropriate coordinates systems and mathematical techniques. Problems will be taken from various fields of physics, such as solid state physics, nuclear physics, thermodynamics, electrodynamics, statistical mechanics, and quantum mechanics. Mathematical techniques will include those which impact most directly on physics, typically including vector analysis, calculus of functions of several variables, functions of complex variables, Fourier series, and partial differential equations such as the wave and heat equations.

PHY 361**ELECTROMAGNETISM****Four credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

A study of electrostatics and magnetostatics. Includes topics dealing with the electric field and potential, dielectric materials, multipole expansions, the magnetic field, Laplace's equation, and Maxwell's equations as time permits.

PHY 362**PHYSICS OF WAVES****Three credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

A study of the nature of waves. May include topics from the areas of geometric optics, interference and diffraction phenomena, the production and propagation of electromagnetic and acoustic waves as well as the interaction of light and sound with matter. Spread sheet are used to solve appropriate problems.

PHY 371**THERMAL PHYSICS****Four credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

A one-semester lecture course investigating the basic principles and ideas of thermodynamics and statistical mechanics including entropy, enthalpy, temperature, and the thermodynamic potentials. The course explores how traditional thermodynamics is best understood by looking at its underlying statistical roots as found in the Boltzmann and Gibbs distributions. If needed, the course may include a brief review of introductory topics. The course is then expected to quickly move on to the investigation of such advanced topics as the Maxwell relations, Bose and Fermi statistics, Debye and Einstein solids, and the Clausius-Clapeyron relation. Spreadsheets are used to solve appropriate problems.

PHY 372**QUANTUM PHYSICS****Three credit hours**

Prerequisite: PHY 131, 132 or PHY 145, 146, one year of calculus, or instructor's permission

An introduction to the basic concepts and applications of quantum mechanics. Includes solutions to the Schrodinger wave equation in 1 and 3 dimensions. Potential wells, scattering, the hydrogen atom and elements of perturbation theory are among the topics normally covered.

PHY 410

SPECIAL TOPICS IN PHYSICS

One to four credit hours

Offered only if there is sufficient demand. Consent of the instructor required for registration.

An in-depth study of selected areas of physics not normally covered in the courses offered by the department.

PHY 491,492

DEPARTMENTAL THESIS/PROJECT

Credit hours to be arranged

See [Departmental Thesis/Project, Section II.](#)

POLITICAL SCIENCE

This major is designed to offer the interested student an opportunity to examine many related aspects of political life including the emerging links between politics in nation states and the on-going phenomenon of globalization. The courses will acquaint the student with various methods of analysis available for and applicable to the study of political institutions, political thought, and political behavior.

The Political Science major emphasizes global citizenship. The department's curriculum prepares students for the challenges of the 21st century by teaching skills such as critical thinking, problem solving, oral and written communication, and ethical appreciation as well as the substance of politics. The curriculum offers students many opportunities for experiential learning, civic engagement, and collaborative research with faculty and other students. Given its historical affiliation with issues of citizenship, justice, and relations among different nations, Political Science enjoys a special kinship with the Baldwin-Wallace College mission statement of preparing students to become "contributing, compassionate citizens of an increasingly global society."

Political Science Major

Computer Code: POLS

Minimum required hours: 35, 15 of which must be taken at Baldwin-Wallace College

Required courses

POL	201	American National Government	4 credits
POL	211I	International Politics	4 credits
POL	221I	Comparative Politics	4 credits
POL	231	Political Theory	4 credits
POL	240	Political Analysis OR	4 credits
POL	241	Public Interest Research	4 credits

Elective courses: At least five additional courses, totaling 15 semester hours, are required. Four of these additional courses (12 or more semester hours), one in each of the four major subfields noted below, must be taken at the 300-400 course level. Take entry courses before enrolling in more advanced courses. Take the Analysis class only after taking at least two of the other required courses.

No prerequisites for most courses in political science, but some presuppose a prior exposure to specific subject matters. Recommended backgrounds for courses are listed in the course descriptions.

American Politics- any one of the following:

POL	301	The Elected Branches	3 credits
POL	302	Political Parties and Pressure Groups	3 credits
POL	303	Public Administration	3 credits
POL	304D	Urban Politics	3 credits
POL	306	Judicial Process	3 credits

POL 307	American Constitutional Law	3 credits
POL 308	Civil Liberties in the United States	3 credits
POL 309	Criminal Law and the Constitution	3 credits

International Politics- any one of the following:

POL 311I	American Foreign Policy	3 credits
POL 314I	Comparative Foreign Relations	3 credits
POL 315I	International Organization	3 credits
POL 363I	Special Topics	2-3 credits
POL 463I	Special Topics	2-3 credits

Comparative Politics- any one of the following:

POL 321I	Democracy & Democratization	3 credits
POL 322I	Russia and Eastern Europe	3 credits
POL 326I	Special Comparative Political Studies	2-3 credits
POL 327I	Political Change in Asia	3 credits
POL 329I	Government and Politics in Sub-Saharan Africa	3 credits

Political Theory- any one of the following:

POL 330	History of Political Philosophy I: Ancient and Medieval	3 credits
POL 331	History of Political Philosophy II: Early Modern and Modern	3 credits
POL 332	American Political Thought	3 credits
POL 333D	Contemporary Political Voices at the Margins	3 credits
POL 339	Special Topics in Political Theory	3 credits

any one (1) additional elective.

Political Science Minor

Of the 20 hours offered for the minor, at least nine must be taken at Baldwin-Wallace. Any student may minor in Political Science. With its emphasis on broad skill development, substantive politics, and civic awareness, the minor complements many different majors. Every Baldwin-Wallace student must learn to cope successfully with a complex 21st century world. The Political Science minor is designed to help students develop this capacity.

Required courses:

Two courses from: POL 201, 211I, 221I, 231, 240/241	8 credits
Two advanced courses at 300-400 level	6 credits
Any two additional courses	6 credits

Students majoring in Business Administration should profitably minor in Political Science. Suggestions for Business students with a minor concentration in public affairs would be 20 hours from:

- Two courses from POL 201, 211I, 221I, 231
- Two advanced courses from 301-309, 311I, 314I, and/or 321I-327I
- Any two additional POL courses

Careers in Political Science

Political Science majors pursue varied careers after graduation in government, nonprofit, legal, educational, business, and community organizations. The department emphasizes both broad skill-development and substantive knowledge to prepare students for flexible and successful careers. For more specific information about career opportunities, interested students should read the materials available in the Departmental offices, and consult with individual faculty members.

Political Science Course Descriptions

POL 050(I) INDEPENDENT STUDY *One to four credit hours*

See [Independent Study Program, Section II.](#)

POL 070 FIELD EXPERIENCE/INTERNSHIP *Credit hours to be arranged*

See [Field Experience/Internship Program, Section II.](#)

POL 100I INTRODUCTION TO POLITICAL SCIENCE *Three credit hours*

An introduction to central political concepts including justice, equality, freedom, democracy, and citizenship, and application of them to domestic and international issues. The course seeks to develop the student's ability to analyze domestic and international political issues, and to become contributing, compassionate citizens.

POL 102(I) CONCENTRATION IN POLITICS *One to three credit hours*

A concentrated study of a particular aspect of politics, a particular ideology or issue, or a particular individual or group which has significance politically. The specific topic to be studied will be announced each semester in the course schedule by the professor teaching the section. Students may repeat the course and register for as many sections of POL 102(I) as they wish, as long as they do not repeat the same topic.

POL 200 HUMANS AND THE EARTH *Three credit hours*

This course examines global environmental issues including biodiversity, climate, energy, and population. The course is interdisciplinary and seeks to identify problems and define solutions. Periodically offered jointly with Science.

POL 201 AMERICAN NATIONAL GOVERNMENT *Four credit hours*

A study of the federal government; the course describes the development of the Constitution of the United States and the major institutions of politics and government: political parties, pressure groups, the media, the Congress, the Presidency and the courts, as well as the changing concept of federalism and the role of the American states within the national government. Special attention is given to policy formation, particularly relating to budgeting and major issues of the day.

POL 202 MAJOR POLICY ISSUES *One to three credit hours*

Recommended background: POL 201

An introduction to the study of major policy issues facing the American system today. The issues examined include such matters as energy and the environment, national defense, elections, agricultural subsidies, health care, civil rights, budget deficits, affirmative action, and other matters of national concern.

POL 203D CIVIL RIGHTS IN THE UNITED STATES I *Three credit hours*

Explores the Civil Rights movement of the immediate past and present in depth, beginning with the "Black Codes" of the American states, discussing the period of Jim Crow and efforts toward equality for African Americans and others, culminating in the Brown v. Topeka desegregation decision.

POL 204D CIVIL RIGHTS IN THE UNITED STATES II *Three credit hours*
Explores the Civil Rights movement of the immediate past and present in depth, beginning with the Brown v. Topeka desegregation decision and present ramifications of that decision, including the Movement actions in Southern and Northern states, affirmative action, "set asides," and other efforts toward racial equality in the United States.

POL 205 ENVIRONMENTAL POLITICS *Three credit hours*
An examination of the problems, options and issues generated by governmental efforts to address challenges to a safe environment. The course includes case studies drawn from both American and international experiences.

POL 207 INTRODUCTION TO LAW *Three credit hours*
This course represents a basic introduction to the American legal system. Particular emphasis is placed on identifying the various types of law and the types of conflicts they are intended to resolve. Students are introduced to the analysis of court decisions as a means to understanding some of the processes of legal reasoning. The course examines the law and the legal system from the perspective of the social sciences.

POL 208(D) SPECIAL LEGAL STUDIES *One to three credit hours*
This course is periodically offered to provide an intensive examination of some area of the law which has particularly contemporary interest. Regular offerings include: women and law, consumer law, and the like, with credit hours appropriate to the volume of work.

POL 209 POLITICAL HISTORY OF OHIO *Two credit hours*
This course will explore the political, social, and economic history of the state of Ohio, from its roots as the Northwest Territory through its rise to economic and political prominence in the late 19th century, to its current political status as a midwestern "rust belt" state. The course will include analysis of the structure and dynamics of state political institutions and current issues of concern to Ohio.

POL 211 INTERNATIONAL POLITICS *Four credit hours*
Required for all majors
A study of the major concepts in international politics and their application to the events of the postwar world, particularly the Cold War and its aftermath, the North-South split and increasing interdependence. Emphasis is on the forces which motivate states to act and the possibilities for increasing conflict or cooperation. Attention is also given to the United Nations and to various regional organizations like the European Union.

POL 214 POLITICAL GEOGRAPHY *Two or three credit hours*
An introduction to the geopolitical forces that have shaped and continue to shape the modern world. Boundaries, ethnicity, nationalisms are matters particularly studied, as is generally the relationship of geography to world political systems. Not offered every year.

POL 215 UNITED NATIONS *Two credit hours*
A study of the growth, activities and processes of political influence in the United Nations and its relation to the larger international political setting within which they function. This course or POL 315I is required for participants in the B-W Model UN Team.

POL 216I INTERNATIONAL ORGANIZATIONS: CASE STUDIES *One to three credit hours*
Prerequisite: POL 215I or POL 315I

An illustration of the factors determining the behavior or potential behavior of individual nations at the United Nations. This course serves as specific preparation for Model United Nations team participants. May be repeated if countries differ.

POL 221 INTRO TO COMPARATIVE POLITICS *Four credit hours*
Required for all majors
A comparative examination of selected government systems illustrating the variety of political systems in the world today.

POL 228I THE MIDDLE EAST TODAY *Two or three credit hours*

An introduction to the study of the politics of the Middle East. The course emphasizes three topics related to the area: the historical and cultural setting; the general patterns of politics and political change; and the specific features of selected area countries. Not offered every year.

POL 231 INTRODUCTION TO POLITICAL THEORY *Four credit hours*

Required for all majors

This course introduces students to the issues, debates, and methods of political philosophers. It emphasizes the use of political theory to solve public problems.

POL 239 POLITICAL ECONOMY *Three credit hours*

Political economy addresses the intersection of money, justice and politics. This course introduces some of the terrain of political economy while giving students some grounding in discipline-defining debates and issues such as inequality, fiscal and monetary policy, trade, (un)employment, globalization and welfare spending. Not offered every year.

POL 240 INTRODUCTION TO POLITICAL ANALYSIS *Four credit hours*

Required for all majors

A study of political science methods of research and analysis with an emphasis on how those techniques can be applied to contemporary political issues. The course investigates the ways political scientists understand the political environment.

POL 241 PUBLIC INTEREST RESEARCH *Four credit hours*

Students in this course learn social science research methods by applying them on behalf of community organizations. Students conduct research that helps policy makers, community activists, leaders and citizens find solutions to current social and political problems and improve the lives of area residents. This course may substitute for POL 240.

POL 263(I, D) SEMINAR IN POLITICAL SCIENCE *One to three credit hours*

An examination of selected topics in the field of political science. May be repeated for credit, depending on the topic of the specific seminar.

POL 299(I) SPECIAL TOPICS *One to four credit hours*

An experimental study of a topical nature offered from time to time, with a view toward possibly requesting the addition of the class to the established curriculum.

POL 301 THE ELECTED BRANCHES *Three credit hours*

Recommended background: POL 201

An intensive examination of the two elected branches of the American national government, Congress and the Presidency, with particular emphasis on the power relationships within and between them. Offered in alternate years.

POL 302 POLITICAL PARTIES AND PRESSURE GROUPS *Three credit hours*

Recommended background: POL 201

An examination of the political process focusing on how Americans engage in elections and lobbying government. Most emphasis is placed on interest groups (or pressure groups) and political parties in the United States, their internal dynamics, and their impact on the American political system. Offered in alternate years.

POL 303 PUBLIC ADMINISTRATION *Three credit hours*

Recommended background: POL 201

An examination of the process of administration in the American public sector. The course covers the major trends in organization theory and selected aspects of administrative and bureaucratic behavior. Offered in alternate years.

POL 304D URBAN POLITICS *Three credit hours*

Recommended background: POL 201

An examination of the political forces present within the American urban/suburban setting. Attention is given to metropolitan problems as well as the relationships among governments at the local level and those at the state and national levels in the United States.

POL 306 JUDICIAL PROCESS *Three credit hours*

Recommended background: POL 201

An in-depth exploration of the processes used by the state and federal judicial branches of American government. The course explores how the courts address criminal law, civil law, as well as looking at various facets of the legal process, including juries, judicial selection, judicial behavior, judicial policy development, and subsidiary judicial processes such as arbitration and alternative dispute resolution. This course is recommended for students preparing for law school or work in the criminal justice system. Offered in alternate years.

POL 307 AMERICAN CONSTITUTIONAL LAW *Three credit hours*

Recommended background: POL 201 or American history

An extensive survey of the development of the American Constitution from 1789 to the present. The course is built around discussions of landmark Supreme Court decisions. The separation of powers, the Presidency, the federal system, the commerce power and judicial review are among the topics covered. The course is especially recommended for students preparing for law school or work in the criminal justice system. Offered in alternate years.

POL 308 CIVIL LIBERTIES IN THE UNITED STATES *Three credit hours*

Recommended background: POL 201 or American history

A study of the development in American Constitutional Law of the concept of civil liberty, including free speech and religion, free assembly, free press and equal protection of the laws. The course is especially recommended for students preparing for law school or work in the criminal justice system. Offered in alternate years.

POL 309 CRIMINAL LAW AND THE CONSTITUTION *Three credit hours*

Recommended background: POL 201 or American history

An overview of modern criminal law, both substantive and procedural. Includes such topics as crimes against the person and property. Also includes constitutional law decisions on criminal law in the US: exclusionary rules, right to counsel, fair trial procedures and capital punishment are among the topics discussed. Recommended for Criminal Justice majors and Pre-law students.

POL 311I AMERICAN FOREIGN POLICY *Three credit hours*

Recommended background: POL 201 or 211I

A study of the formulation and execution of foreign policy in the United States, together with an examination of the substantive issues of American foreign policy since World War II with an emphasis on the examination of current foreign policy issues in the post Cold War world. Offered in alternate years.

POL 314I COMPARATIVE FOREIGN RELATIONS *Three credit hours*

Recommended background: POL 211I

A study of foreign policies of various states with an emphasis on those of the major foreign powers. The course examines both the substance of policy and the process of policy formulation. Consult Course Schedule for specific countries. Offered alternate years.

POL 315I INTERNATIONAL ORGANIZATION *Three credit hours*

The course will include the study of the United Nations as described in POL 215I and add in-depth student and research of additional international organizations. This course or POL 215I is required for participation in B-W Model UN Team.

POL 321I DEMOCRACY AND DEMOCRATIZATION Three credit hours

Prerequisite: sophomore, junior or senior standing. Recommended background: POL 221I

The course focuses on the recent global spread of democratization. Through analysis of literatures of democratic theories, the course will explore the experiences of new democracies, their transition from authoritarian regimes, the variegated problems they face and possible solutions.

POL 322I RUSSIA AND EASTERN EUROPE Three credit hours

Prerequisite: sophomore, junior or senior standing. Recommended background: POL 221I

An examination of post-communist Russia and other selected systems of Eastern Europe and the former Soviet Union. Offered in alternate years.

POL 326I SPECIAL COMPARATIVE POLITICAL STUDIES Two or three credit hours

An examination of selected topics in comparative studies, including political systems such as democracy; political processes and political problems (like political development, revolution, etc.), and/or policy studies (like energy policy in industrial states, population policies, etc.). The course may be repeated when different subject areas are covered. Consult the Course Schedule for applicable information. Not offered every year.

POL 327I POLITICAL CHANGE IN ASIA Three credit hours

The course examines the past, present and future of East Asia in terms of the concept of political, economic, social and cultural change. Focusing on Japan, China (mainland), Taiwan, Hong Kong, and Korea (North and South), the course explores the following themes: the rise of nationalism and communism, the different paths to political modernization and economic development selected by the different countries, and the question of Korean reunification as well as issues in the China-Taiwan relationship. Offered in alternate years.

POL 329I GOVERNMENT AND POLITICS IN SUB-SAHARAN AFRICA Three credit hours

Examination of political change in Africa south of the Sahara, with special reference to nationalism, nation-building, leadership and problems of development. Offered at least once every third year.

POL 330 HISTORY OF POLITICAL PHILOSOPHY I: ANCIENT AND MEDIEVAL Three credit hours

Recommended background: POL 231 and/or PHL 101(I)

Students examine the ideas of selected political philosophers from ancient Greece to the 16th century. A special effort is made to connect political ideas to concrete historical and cultural developments; to understand ideas as perspectives originating from, and representing, relative vantage points of power and interest; to understand how political philosophy is gendered; and to use political ideas to help understand contemporary issues. Offered in alternate years.

POL 331 HISTORY OF POLITICAL PHILOSOPHY II: EARLY MODERN AND MODERN Three credit hours

Recommended background: POL 231 and/or PHL 101(I)

Students examine the ideas of selected political philosophers from the 16th century to the present. A special effort is made to connect political ideas to concrete historical and cultural developments; to understand ideas as perspectives originating from, and representing, relative vantage points of power and interest; to understand how political philosophy is gendered; and to use political ideas to help understand contemporary issues. Offered in alternate years.

POL 332 AMERICAN POLITICAL THOUGHT Three credit hours

Recommended background: POL 231 and/or PHL 101(I)

Students survey the history of U.S. political thought since the early 17th century as a way of helping understand U.S. political history into the present. Offered in alternate years.

POL 333D CONTEMPORARY POLITICAL VOICES AT THE MARGINS *Three credit hours*

Recommended background: POL 231 and/or PHL 101(I)

An examination of the political thought of selected contemporary thinkers who occupy the margins of American political and intellectual life. The course emphasizes diverse political thinkers whose ideas lie outside the dominant political culture. Offered in alternate years.

POL 339 SPECIAL TOPICS IN POLITICAL THEORY *Three credit hours*

Recommended background: POL 231 and/or PHL 101(I)

An intensive examination of special topics in political philosophy. Subjects vary, and may address central political concepts such as justice, freedom, democracy, and the political thought of selected thinkers. Course can be repeated if subjects differ.

POL 359 SPECIAL METHODS IN THE TEACHING OF POLITICAL SCIENCE *Two credit hours*

See EDU 359. Offered by the Division of Education, for those students contemplating Ohio licensure in Political Science teaching.

POL 363(I) SEMINAR IN POLITICAL SCIENCE *Two or three credit hours*

A junior-level seminar dealing with topics in a seminar format that are not covered elsewhere in the offerings. Not offered every year.

POL 463(I) SEMINAR IN POLITICAL SCIENCE *Two or three credit hours*

An intensive, senior-level examination of selected topics in the field of political science. Not offered every year.

POL 491,492 DEPARTMENTAL THESIS/PROJECT *Credit to be arranged*

See [Departmental Thesis/Project, Section II](#).

PSYCHOLOGY

Consistent with the mission of the College, the Department of Psychology contributes to a high-quality, liberal arts education within the context of an open, diverse environment. The faculty, as scholars and teachers, provide a learning environment rich in the knowledge and skills that comprise the science and application of Psychology. This environment fosters the development of personal and professional responsibility as well as lifelong learning. Psychology students, faculty and staff collaborate to develop and refine the interpersonal and professional knowledge, skills and values of our students so that they will lead compassionate and productive lives.

Psychology Major

Computer Code: PSYS

Courses in the Department of Psychology are designed to (1) increase students' knowledge about themselves and others, (2) acquaint them with the latest research in the area of human motivation, cognition, psychotherapy, neurophysiology and behavior, (3) engender in students extensive skills applicable to a wide array of careers, (4) develop an appreciation of the scientific method in the investigation of cause and effect relationships in human behavior, and (5) develop insights and understanding of individual differences, cultural differences and developmental changes.

Minimum credits required: 41 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

PSY	110	Principles of Psychology	4 credits
PSY	210	Professions in Psychology	1 credits*
PSY	279	Elements of Statistics	4 credits*
PSY	280	Research Methods	3 credits*
PSY	281	Thesis in Psychology	3 credits*
PSY	412	History & Systems of Psychology	4 credits*
SOC	281	SPSS	4 credits*

Any two (2) of the following Psychological Processes courses must be successfully completed:

PSY	303	Physiological Psychology	4 credits*
PSY	327	Psychology of Learning	4 credits*
PSY	328	Cognitive Processes	4 credits*
PSY	329	Sensation and Perception OR	4 credits*
		Appropriate Seminar	3 credits*

Any one (1) of the following Human Relations courses must be successfully completed:

PSY	304	Personality Psychology	4 credits*
PSY	321	Human Relations and Group Dynamics	3 credits*
PSY	339	Social Psychology OR	4 credits*
		Appropriate Seminar	3 credits*

Any one (1) of the following Developmental courses must be successfully completed:

PSY	205	Developmental Psychology	3 credits*
PSY	315	Child Development	4 credits*
PSY	325	Adolescent Development	4 credits*
PSY	335	Adult Development and Aging OR Appropriate Seminar	4 credits* 3 credits*

Any one (1) of the following Applied courses must be successfully completed:

PSY	302	Abnormal Psychology	4 credits*
PSY	316D	Child Psychopathology	3 credits*
PSY	320	Industrial/Organizational Psychology OR Appropriate Seminar	4 credits* 3 credits*

Any one (1) Additional course or seminar to be selected from the following:

PSY/BIO	250	Principles of Neuroscience	3 credits*
PSY	261	Special Topics Seminar	3 credits*
PSY	262	Special Topics Seminar	3 credits*
PSY	263	Special Topics Seminar	3 credits*
PSY	301	Psychological Testing	4 credits*
PSY	326	Behavior Modification	3 credits*
PSY	373	Seminar in Clinical Experience	2 credits*
PSY	473	Clinical Field Experience OR	2 credits*

any course not selected previously from above categories.

NOTE: PSY 050, 070, or 273 **may not** be used to fulfill the "Additional course or seminar" requirement.

Psychology Minor

Course requirements for the Psychology minor are: PSY 110 (four credits) and any Psychology classes at the 200, 300 or 400 level (minimum of 13 credits), excluding PSY 210. Minimum total credits for a Psychology minor is 17.

Psychology Course Descriptions

PSY 050(I)

INDEPENDENT STUDY

Credit hours to be arranged

See [Independent Study Program, Section II.](#)

PSY 070

FIELD EXPERIENCE/INTERNSHIP

Credit hours to be arranged

See [Field Experience/Internship, Section II.](#)

PSY 110

PRINCIPLES OF PSYCHOLOGY

Four credit hours

This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

An introduction to the scientific study of behavior. The course will help the student understand how psychologists know what they know. Typical topics surveyed include the study of the brain,

mental states, sensation, perception, learning, thinking, memory, emotion, motivation, development, psychological disorders and psychotherapy. Additionally, this course will enhance critical thinking skills by acquainting students with fundamental research techniques and with the interpretation and evaluation of research published in psychological periodicals. Finally, oral and written communication skills consistent with those detailed in the APA Publication Manual will be developed.

PSY 205 DEVELOPMENTAL PSYCHOLOGY Three credit hours

Prerequisite: PSY 100 or PSY 110. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

A course designed to help the student gain knowledge of the sequence of human development from conception and birth through infancy, childhood, adolescence, adulthood and aging. The impact of biological and interpersonal factors in the growth and maturation of the individual is considered.

PSY 210 PROFESSIONS IN PSYCHOLOGY One credit hours

Prerequisites: PSY 110, or PSY 100 and consent of instructor

This course provides the students with an overview of career opportunities in Psychology. Information is provided about what Psychologists do and the preparation required to work/study in various settings. The course is graded S/U (pass/fail).

PSY/BIO 250 PRINCIPLES OF NEUROSCIENCE Three credit hours

This course may be taken to partially satisfy the core curriculum requirement in either the Social Sciences (PSY 250) or the Natural Sciences (BIO 250).

An introduction to the study of the brain and behavior. The brain is the only organ that studies itself. In this course students will become familiar with recent advances in the growing field of Neuroscience as they consider how their brains work and how the nervous system grows, perceives, controls the body, sleeps, ages and responds to damage and disease

PSY 261,262,263 SPECIAL TOPICS SEMINARS Three credit hours

Prerequisites dependent on topic

Seminars reflecting the depth & breadth of Psychology are offered periodically.

PSY 273 INTRODUCTION TO CLINICAL EXPERIENCE Two credit hours

Prerequisite: PSY 100 or 110

This course is intended for freshman and sophomore level students who are interest in pursuing an applied experience in psychology. Students are assigned to a clinical or work setting for an experiential learning opportunity. Student work under the supervision of the personnel of the institution in which they are placed, as well as indirectly under the supervision of the faculty member teaching the course. Progress is assessed by the consultation between students, the institutional supervisor and the faculty supervisor.

PSY 279 ELEMENTS OF STATISTICS Four credit hours

Prerequisite: PSY 110 or PSY 100. Sociology majors who have taken SOC 100 may also be admitted to this course. This course will not count toward satisfying the social sciences portion of the core curriculum requirement of the College.

This course is designed for behavioral science students and covers such topics as measures of central tendency, variability, tests of significance, confidence intervals, regression analysis and correlation. In addition, the students will receive an introduction to computer data analysis and advanced inferential techniques.

PSY 280 RESEARCH METHODS Three credit hours

Prerequisite: PSY 110 and 279, or PSY 100 and 279.

This course provides an overview of research techniques and design considerations that are central to a variety of sub-disciplines within psychology (e.g., cognitive, physiological, sensation and perception, developmental, clinical, learning, social, industrial/organizational, etc.). Students are also familiarized with ethical issues involved in conducting psychological research. Students develop a proposal for a study of their own design.

PSY 281 THESIS IN PSYCHOLOGY

Three credit hours

Prerequisite: PSY 280 and PSY 279

This course entails conducting the research project that was designed in PSY 280. The student research is facilitated by discussions in class and through individual instruction each week. The student will gain hands-on research experience, analytical skills, scientific writing abilities and oral presentation skills. *A grade of "C" or higher in PSY 280 is required to enroll in this course.*

PSY 301 PSYCHOLOGICAL TESTING

Four credit hours

Prerequisite: PSY 279 or consent of the instructor

A study of the field of psychological testing and assessment. The course will focus on issues of reliability, validity, and psychometrics. Special attention will be given to the areas of intelligence, aptitude, educational, and personality testing. Ethical, legal, and judgmental issues in psychological assessment in clinical, industrial, and educational settings will be explored.

PSY 302 ABNORMAL PSYCHOLOGY

Four credit hours

Prerequisite: PSY 110 with PSY 304 highly recommended

This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

A survey of the phenomena of psychopathology, including historical background, symptomatology, incidence, course and etiology of a wide array of pathologies including, to name a few, stress-related disorders, mood disorders, anxiety disorders, dissociative disorders, personality disorders and the schizophrenias. A brief review of treatment will also be presented.

PSY/BIO 303 PHYSIOLOGICAL PSYCHOLOGY

Four credit hours

Prerequisite: PSY 100 or PSY 110 or BIO 203(L) or consent of instructor.

This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

This lecture-laboratory course provides an overview of the physiological bases of behavior, cognition, motivation, emotion, learning and memory. Emphasis is placed on the mechanisms of brain and endocrine system functioning.

PSY 304 PERSONALITY PSYCHOLOGY

Four credit hours

Prerequisite: PSY 100 or PSY 110. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

An introduction to the general subject of personality. Emphasis is on the determinants of a healthy personality in such areas as emotions, self-concept and interpersonal relations. The course consists of a review of major theories of personality and an introduction to research methods and testing.

PSY 312 COUNSELING PSYCHOLOGY

Four credit hours

Prerequisite: PSY 110 and PSY 304

This seminar is designed to expose students to the various counseling theories, techniques, specialties, as well as assessment and ethical issues. Students will learn and implement beginning counseling techniques. Students acquire knowledge and engage in the counseling psychology supervision process.

PSY 315 CHILD DEVELOPMENT

Four credit hours

Prerequisite: PSY 110 or PSY 100 and PSY 205. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

The span of life from birth until puberty is examined with a focus on the following areas of development: genetics, prenatal, physical, perceptual, cognitive, language, emotional, social, self-concept, gender, and moral development. Also addressed will be the influence of various contexts including the family, peers, school, and society.

PSY 316D CHILD PSYCHOPATHOLOGY Three credit hours

Prerequisites: PSY 205, or PSY 315, or consent of the instructor

A study of the specific psychological disorders exhibited during childhood. Emphasis is placed on childhood disorders as normal development gone awry. Symptomatology, course, etiology and treatment will be examined for emotional and behavioral disturbances in children and adolescents.

PSY 320 INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY Four credit hours

Prerequisite: PSY 100 or PSY 110. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

A study of psychological research and theory as applied to work settings. The course will emphasize industrial issues such as job analysis, job evaluation, validation, and performance appraisal and organizational issues such as corporate culture, downsizing, organizational justice, stress, leadership and motivation. Job design and ergonomics issues will also be reviewed. The course will also examine the legal and ethical context of the practice of industrial/organizational psychology.

PSY 321 HUMAN RELATIONS AND GROUP DYNAMICS Three credit hours

Prerequisite: PSY 100 or PSY 110. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

A course designed to examine interpersonal relationships in small and large groups. Current theory and research is presented, along with experiential exercises. A major focus is on leadership skills and group development.

PSY 325 ADOLESCENT DEVELOPMENT Four credit hours

Prerequisite: PSY 100 or PSY 110 or PSY 315. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

The span of life between puberty and young adulthood is examined with special attention given to such factors as previous developmental experience, cultural variables, physiological changes, cognitive development, identity formation, interpersonal relations, delinquency, substance abuse, and adolescent psychopathologies.

PSY 326 BEHAVIOR MODIFICATION Three credit hours

Prerequisites: PSY 100 or PSY 110 or consent of instructor.

This course covers the various methodologies used by behavior analysts to change maladaptive behaviors. Students will design and carry out a project to change some behavior(s) of their own choosing.

PSY 327 PSYCHOLOGY OF LEARNING Four credit hours

Prerequisites: PSY 100 or PSY 110 or consent of instructor.

A study of the historical development of theories of learning, with a focus on experimental technique and results. The course emphasizes three areas: innate behaviors, classical conditioning, and operant conditioning. A lab component exposes the student to all three areas.

PSY 328 COGNITIVE PROCESSES Four credit hours

Prerequisite: PSY 280

A study of the processes by which people receive, transform and store incoming information and retrieve stored information. Specific topics examined include perception, concept formation, levels of memory processing, the relation of cognitive and language processes, models of semantic organization and artificial intelligence.

PSY 329 SENSATION AND PERCEPTION Four credit hours

Prerequisite: PSY 280

This course provides an introduction to the study of the principles of sensation and perception. Emphasis is placed on understanding how individuals obtain information from the environment and various theories as to how that information is processed. Topics will include basic sensory physiology, psychophysics, visual perception, auditory perception, tactile perception, and the chemical senses. In addition the students will gain first hand experiences in carrying out several classical perceptual experiments and will gain research skills relevant to the field of sensation and perception.

PSY 335 ADULT DEVELOPMENT AND AGING Four credit hours

Prerequisite: PSY 100 or PSY 110; offered in alternate years.

A study of biological, cognitive, sociocultural and interpersonal changes that occur between young adulthood and old age. This course is designed for students from many disciplines concerned with applied problems associated with the aging process. Intellectual functioning, health issues, vocational development, parenting and family issues, personality development, clinical problems and ecological factors are some of the specific topics covered.

PSY 339 SOCIAL PSYCHOLOGY Four credit hours

Prerequisites: PSY 110 or PSY 100, or consent of the instructor; PSY 280 recommended. This course may be taken to partially satisfy the core curriculum requirement in the social sciences.

A study of psychological principles underlying social behavior. Problems in perception, motivation, social cognition, social interaction attitudes, values and prejudice in person/group relationships are studied.

PSY 345D MULTICULTURAL PSYCHOLOGY Four credit hours

Prerequisite: PSY 110

Multicultural psychology is the study of race and ethnic diversity and its impact on the field of psychology. This course will address the issue of multiculturalism as it relates to the history of psychology, research, testing and counseling specific to racial and ethnic groups in America. Students will gain an understanding of the role of culture on society as well as the therapeutic process.

PSY 373 SEMINAR IN CLINICAL EXPERIENCE Two credit hours

Prerequisite: Three Psychology courses including PSY 302

Students meet weekly to study, discuss, and experience techniques of counseling and clinical psychology. Students explore the ways behavior is changed through clinical intervention. Frequent field trips expose students to a variety of clinical settings and help form realistic expectations for careers in psychology. This course is graded S/U (pass/fail).

PSY 412 HISTORY AND SYSTEMS OF PSYCHOLOGY Four credit hours

Prerequisite: PSY 281

This course covers the development of psychological thought through the ages, beginning in the pre-Socratic period. There is a heavy emphasis on critical analysis of the issues (for example, dualism, empiricism, etc.) that have faced Psychology through time. This course fosters individualized student thought. In addition to a text book, original readings from the classics are emphasized and explored.

PSY 461,462,463 SEMINAR Three credit hours

Prerequisite dependent on topic.

Advanced seminars reflecting the depth and breadth of Psychology are offered periodically.

PSY 473 CLINICAL EXPERIENCE Credit hours to be arranged

Prerequisites: PSY 373 and consent of the instructor

Students are assigned to a clinical setting for a learning and work experience. Students work under the supervision of the personnel in the institution to which they are assigned. Progress is assessed by consultation between the students, the institutional supervisor and the instructor. The course is graded S/U (pass/fail).

PSY 491,492 DEPARTMENTAL THESIS/PROJECT

***Credit hours to be
arranged***

See [Departmental Thesis/Project, Section II.](#)

RELIGION

The courses offered by the Religion Department explore the religious dimensions of human experience as expressed in literary, historical, & symbolic forms. They focus on how human response to the sacred in word and deed becomes part of a system of meaning and purpose. Using a variety of disciplinary perspectives, Religion Department courses introduce students to a wide range of the religious traditions of the world.

The main goal of all Religion Department courses is to equip students with the skills for understanding and appreciating the rich diversity of religious traditions from around the world, as well as their own religious experience, and for identifying and interpreting for themselves the ultimate questions religious traditions address.

The courses of the department are grounded in a commitment to the liberal arts by their focus on interdisciplinary approaches, critical thinking, writing skills and personal and spiritual development. While a religion major is ideal for the pursuit of a Christian vocation or graduate work in religious studies, its emphases on thinking, writing, and ethics make it equally valuable for a variety of careers in the public or private sector.

Religion Major

Computer Code: RELG

Minimum credits required: 36 (plus prerequisites as indicated)

Required Courses (* = Prerequisite Required)

REL 100	Introduction to Religion	3 credits
REL 490	Departmental Colloquium	3 credits
	2 advanced seminars (three hours each)	6 credits
REL 499	Senior Project	3 credits

Distribution Requirements:

World Religions- Choose one from:

REL 215I	Death and the Afterlife in the World's Religions	3 credits
REL 216I	Women and Religion	3 credits
REL 217I	Religion and Violence	3 credits
REL 218	American Religious Pluralism	3 credits

Spirituality- Choose one from:

REL 121	Spiritual Disciplines	3 credits
REL 125	Modern Spiritual Paths	3 credits
REL 127	Contemplative Spirituality	3 credits
REL 222	History of Christian Spirituality	3 credits

Scripture- Choose one from:

REL 242	Introduction to the Hebrew Bible/Old Testament	3 credits
REL 243	Jesus and the Gospels	3 credits
REL 244	Christianity in the New Testament	3 credits

Religion in Cultural Contexts: History, Theology, Ethics- Choose one from:

REL 161	Christian Faith & Thought	3 credits
REL 261	Christian Ethics	3 credits
REL 265	Religion and Literature	3 credits
REL 266	Religion & Film	3 credits

Elective Courses:

Three or more Religion elective courses	9 credits
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Religion Minor

Minimum credits required: 19 (plus prerequisites as indicated)

Required Courses

REL 100	Introduction to Religion	3 credits
REL 490	Departmental Colloquium	1 credit
	One advanced seminar	3 credits

Elective Courses

Four or more Religion elective courses	12 credits
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Religion

Course Descriptions

REL 050(I) INDEPENDENT STUDY *One to four credit hours*

See [Independent Study Program, Section II](#).

REL 100 INTRODUCTION TO RELIGION *Three credit hours*

An introduction to religion, utilizing Ninian Smart's seven "dimensions of the sacred": the ritual or practical; the doctrinal or philosophical; the mythic or narrative; the experiential or emotional; the ethical or legal; the organizational or social; and the material or artistic. Required for Majors and Minors, but otherwise open to Freshmen and Sophomores only.

REL 193, 293(D), 393, 493(I) SEMINAR: TOPICS IN RELIGION *Two to four credit hours*

Various topics in Religion will be examined. May be repeated, provided that the topic is different. 300 and 400-level courses will require prerequisites.

REL 490 DEPARTMENTAL COLLOQUIUM *One credit hours*

Meets weekly, to discuss various issues in Religion. Required for Majors and Minors. Graded S/U.

REL 499 SENIOR PROJECT *Three credit hours*

Each Religion Major must complete a senior project, independently designed and carried out in consultation with a member of the Religion Department. Usually the senior project will take the form of a major research paper and will conclude with an oral review conducted by the faculty of the department.

Comparative Religions

REL 1011 RELIGIONS OF INDIA *Three credit hours*

An introduction to the beliefs and practices of the major religions of India, including Hinduism, Jainism, Buddhism, Islam, and Sikhism.

REL 1021 RELIGIONS OF CHINA AND JAPAN *Three credit hours*

An introduction to the beliefs and practices of the major religions of East Asia, including Confucianism, Taoism, Buddhism, and Shinto.

REL 1061 HINDUISM *Two credit hours*

A historical introduction to Hinduism that seeks to understand the development of Hindu beliefs and practices through its various forms. In particular, the course will examine Vedic Hinduism, Upanishadic Hinduism, Epic Hinduism, Bhakti Hinduism, and Modern Hinduism.

REL 1071 BUDDHISM *Two credit hours*

A historical introduction to Buddhism that seeks to understand the development of Buddhist beliefs and practices through its various forms. In particular, the course will examine Theravada Buddhism, Mahayana Buddhism, and Vajrayana Buddhism.

REL 1081 ISLAM *Two credit hours*

An examination of the basic beliefs, practices, and early history of Islam.

REL 109 NATIVE AMERICAN RELIGIONS *Two credit hours*

A broad introduction to the beliefs and practices of a variety of Native American tribes.

REL 110 JUDAISM *Three credit hours*

An introduction to modern Judaic faith, with emphasis on understanding the main themes of Jewish faith and practice in the contemporary world. Offered with support from the Jewish Chautauqua Society.

REL 115D AFRICAN-AMERICAN RELIGIOUS EXPERIENCE *Three credit hours*

A survey of the various religious traditions, with emphasis on the Christian experience, of African-Americans.

REL 118 EASTERN ORTHODOX CHRISTIANITY *Three credit hours*

An overview of the Orthodox Christian tradition, considering both the historical development of the Orthodox Church and the unique expressions of Eastern Christian faith.

REL 120 CATHOLIC FAITH TODAY *Two credit hours*

A study of the beliefs and practices of the Roman Catholic Church today, seen especially in the light of the changes introduced by the Second Vatican Council.

REL 2011 BUDDHIST CULTURE IN ASIA *Three credit hours*

An anthropological approach to the study of Buddhism, looking at Buddhist culture in South Asia, East Asia, and Tibet. Special attention will be given to ritual practice, religion and politics, social activism, and gender issues.

REL 206D BUDDHISM IN AMERICA *Three credit hours*

An examination of the various types of Buddhism in America, looking at both Asian-American Buddhists and Western converts to Buddhism. Special attention will be given to the process of Americanization.

REL 2081 POWER OF MYTH *Three credit hours*

A study of myth in the worlds religions, relying on the video series, The Power of Myth, featuring Joseph Campbell.

REL 211D JEWISH LITURGICAL YEAR *Three credit hours*

A survey of Jewish holidays and festivals that introduces the student to Biblical texts, Rabbinic literature, medieval theology, and modern Jewish thought. Special attention will be given to the historical development of each holiday and the relationship between belief and practice in Judaism.

REL 215I DEATH AND THE AFTERLIFE IN THE WORLD'S RELIGIONS *Three credit hours*

A comparative examination of the world's religions in terms of their beliefs and rituals associated with death and the afterlife. The course also includes a segment on near-death experiences and a segment on current life-and-death issues in the modern West.

REL 216I WOMEN AND RELIGION *Three credit hours*

A comparative examination of the world's religions in terms of their attitudes towards women as well as women's roles. Special attention will be given to both traditional religious conceptions of women and modern feminist reclamations of religious traditions.

REL 217I RELIGION AND VIOLENCE *Three credit hours*

A comparative examination of the world's religions in terms of their beliefs about violence and non-violence. Special attention will be given to scriptural interpretation and modern case studies from around the world.

REL 218D AMERICAN RELIGIOUS PLURALISM *Three credit hours*

A study of the American religious landscape since 1965 and the signing of the Immigration and Naturalization Act. Religious pluralism has changed forever this country. Attention will be given to the historic Christian character of America and the new pluralistic flavor of Muslim, Hindu, Buddhist, Jewish and a variety of other faith traditions.

Spirituality

REL 121 SPIRITUAL DISCIPLINES *Three credit hours*

Spiritual Disciplines are the path to spiritual growth. Classical disciplines such as prayer, fasting, meditation and others will be examined with respect to both process and content. A practical, experiential component is an essential feature of the class.

REL 125 MODERN SPIRITUAL PATHS Three credit hours

Representative luminaries of various religious traditions provide different ways of experiencing God's Presence. Attention will also be given to the multiple ways spiritual experiences are articulated. Diversity within the Christian tradition will be in evidence, as well as the pluralism of non-Christian traditions such as Judaism, Buddhism, Hinduism and Islam.

REL 127 CONTEMPLATIVE SPIRITUALITY Three credit hours

Contemplative Spirituality is a way of living a centered life with awareness of the Divine Presence. The class examines both the historical ways of contemplation and its contemporary expressions in diverse faith traditions. This way of living offers an alternative way of being in the world. An experiential component is an important feature of the class.

REL 222 HISTORY OF CHRISTIAN SPIRITUALITY Three credit hours

The class examines the major diverse traditions in Christian spirituality. Included are Roman Catholic, Orthodox and Protestant voices. Attention will be given to how women and men within these traditions experienced the divinity and how they expressed this experience in both word and deed.

Scripture

REL 242 INTRO TO THE HEBREW BIBLE/ OLD TESTAMENT Three credit hours

A basic study of the origin and development of the Hebrew-Judaic faith and its expression in history, personalities, theology and various types of literature.

REL 243 JESUS AND THE GOSPELS Three credit hours

A study of the life and teachings of the historical Jesus of Nazareth, as well as a critical examination of the literary portraits of him, represented by the canonical Gospels and the Gospel of Thomas.

REL 244 CHRISTIANITY IN THE NEW TESTAMENT Three credit hours

A study of the birth of Christianity, as portrayed in the letters of Paul and the Acts of the Apostles.

REL 245 HISTORY OF THE BIBLE Three credit hours

A study of the formation and use of the Christian Bible through the centuries and of the impact it has had on western culture. Topics such as the following will be addressed: the manuscript traditions of the Bible, the development of the canon, theories of the authority and inspiration of scripture, the history of translation and interpretation, and the history of the English Bible.

Religion in Cultural Contexts: History, Theology, Ethics

REL 161 CHRISTIAN FAITH & THOUGHT Three credit hours

An introduction to the field of Christian theology. The course will consider the major forms of Christian faith and thought, with an emphasis on contemporary expressions of Christianity in churches today. Some attention will be given to these topics: faith and reason, church and state, scripture and its interpretation, science and faith, personal faith and communal worship, ecumenical patterns, and the future of Christianity.

REL 165 RELIGION IN CYBERSPACE Two credit hours

A study of the new forms of religious expression that are beginning to appear in the Electronic Age, especially on the World Wide Web.

REL 261 CHRISTIAN ETHICS Three credit hours

This course will examine the major forms of ethical thought within the Christian tradition. The implications of these ethical approaches will be related to special current issues and moral problems.

REL 262 GREEN BUSINESS: GOD, MONEY, AND ECOLOGY Three credit hours

Considers what ethics and religion have to say about the relationship of business and the environment both in the U.S. and in developing countries. Also offered for Business credit as BUS 250. May be taken for either Religion or Business credit, but not both.

REL 264I CHURCH HISTORY *Three credit hours*

A study of selected topics in the history of the Christian Church, from the close of the Apostolic Age to the present. Attention is centered on the evolution of ecclesiastical institutions, the emergence of Christian theology and Christian biography. Also offered for History credit as HIS 209I. May be taken for either Religion or History credit, but not both.

REL 265 RELIGION AND LITERATURE *Three credit hours*

A study designed to investigate the religious dimensions of the literary imagination. Emphasis is placed on careful reading of significant literary texts, including fiction, poetry and drama. Offered in alternate years.

REL 266 RELIGION & FILM *Three credit hours*

This course will explore the ways in which film illumines and critiques the religious dimension of life as primarily articulated within the Christian tradition. Themes such as, though not limited to, faith, grace, redemption, evil, and community will be examined.

REL 273 THE SEARCH FOR MEANING *Three credit hours*

This course will examine the question of meaning in life through film and readings in religion, psychology, philosophy, and literature. Topics such as consciousness, death, evil, forgiveness, gender, sexuality, friendship, and community will be explored in relation to the question of a meaningful life.

SOCIAL WORK AFFILIATED PROGRAM

This is a 3+2 affiliation with Case Western University, leading to a bachelor's degree from Baldwin-Wallace and a Master's in Social Service Administration (professional social work) from Case Western Reserve University (Case). Students complete three years of study at Baldwin-Wallace, meeting the requirements listed below. In the third (junior) year they apply for admission to the Senior Year in Professional Studies Program at the Mandel School of Applied Social Sciences at Case.

At the successful completion of the first year (30 semester credit hours) of the graduate program at Case, Baldwin-Wallace will award the B.A. Case will award the MSSA at the successful completion of the graduate program, at which time the student has the academic qualifications to test for certification as a Licensed Independent Social Worker in the State of Ohio. Persons holding a Master's in Social Service Administration and the LISW are fully qualified to supervise social service casework, manage social service agencies and establish their own private practice in counseling. For additional information regarding recommended courses of study, application of transfer credit and program residency requirements, students are urged to consult with the B-W liaison person or a member of the Admission counseling staff.

Program Requirements

- Completion of all core requirements at Baldwin-Wallace
- Completion of at least 33 hours in either a Sociology or Psychology major, with elective courses taken in the other department (student should have a strong background in both Sociology and Psychology)
- GPA of 3.25 or higher
- Minimum of 94 credit hours of undergraduate course work completed prior to admission to CWRU's Mandel School of Applied Social Sciences (transfer students must complete a minimum of 60 credit hours at B-W)
- Strong faculty recommendations from B-W and recommendation of the B-W program coordinator
- Meet all academic and personal requirements of the Admissions Committee at the Mandel School for acceptance into the graduate program

Minimum credits required: at least 33 at Baldwin-Wallace in either Sociology or Psychology (plus prerequisites where applicable). Four or more courses should be taken in the other discipline. Students should take the 33 hours in the required courses of the major. All 3+2 students, in both majors, should work with the B-W liaison person, located in the Sociology Department, as well as their regular advisors.

SOCIOLOGY & ANTHROPOLOGY

Sociology is a life-skill. It allows individuals to make informed and objective choices when faced with life's most difficult and challenging conditions. A sociology major at Baldwin-Wallace College will seek to understand a wide variety of human relationships, the interrelatedness between the individual and the society, and the general functioning of the modern global society. At Baldwin-Wallace, students learn about and actively test theories of society and produce their own research in the department's state-of-the-art computer lab. The skills acquired are thus not only useful to better prepare students for life, but are at the same time marketable skills that a variety of employers and graduate school admissions offices look for. Students with a degree in sociology from Baldwin-Wallace College should be able to: apply a sociological perspective in their professional careers and in their everyday lives; critically evaluate information that is presented to them; and conduct sociological research using the principles of scientific inquiry.

The sociology program encourages active citizenship through service and experiential learning. The department emphasizes research and data analysis skills and prepares students accordingly. It also prepares students for graduate programs and a wide variety of careers that require a baccalaureate degree, including positions in social services, government and business organizations, as well as research agencies. "Many students choose sociology because they see it as a broad liberal arts base for professions such as law, education, medicine, social work, and counseling." (Quote from The American Sociological Association.)

Sociology & Anthropology Major

Computer Code: SOCY

Minimum credits required: 44-47 (plus prerequisites as indicated)

Required courses: Minimum of 33 (* = Prerequisite Required)

Choice of one:

SOC	100	Principles of Sociology	OR	4 credits
SOC	106	Organizations		3 credits

Required:

SOC	280	Research Methods		4 credits*
SOC	281	SPSS: Data Analysis		4 credits*
SOC	301	Social Inequalities		3 credits*
SOC	303I	Urban Community		4 credits*
SOC	313	Criminology		3 credits*
SOC	315	Sociological Theory		3 credits*
SOC	400	Applied Sociological Research		3 credits*
SOC	450	Sociology Proseminar		2 credits*

Choice of one:

PSY	279	Elements of Statistics		4 credits*
ECN	279	Elements of Statistics		4 credits*
MTH	135	Introduction to Probability/Statistics		3 credits

Required Sociology Elective credits: Minimum of four courses for 12-13 hours (at least two courses must be 300-level or above)

Additional Information on the Major

Up to three credit hours of Independent Study (SOC 050) and four credits of Field Experience (SOC 070) may be counted toward the 41-44 credit requirement. Transfer students must take at least five courses in sociology at Baldwin-Wallace, of which at least 3 courses must be at the 300-400 course level.

Students majoring in sociology generally select one of four broad career paths:

1. Business positions, often in sales, marketing, or human resources departments. Courses such as SOC 106 Organizations; SOC 301 Social Inequalities; SOC 310 Work in America; and research and SOC 281 SPSS/data analysis are especially appropriate for this career goal. A minor in business is recommended. Internships can be arranged in a variety of settings.
2. Government agencies and urban planning. Students electing this career goal should do an independent study using SPSS and an internship.
3. Social services in the private sector, including work with children, elderly in nursing homes and community action programs. Those intending to become social workers should plan for graduate school and professional certification (see the 3+2 social work program). Courses in Aging, Juvenile Delinquency and Social Problems are especially appropriate for this career path, as is the Gerontology Minor. An internship with a public or private agency is recommended.
4. Professional sociologists teaching at the college level or conducting research, or consulting in business and nonprofit organizations. This career goal requires graduate work, usually to the Ph.D. level. Students planning graduate work in any area of social science should do an independent study employing quantitative research techniques.

In addition to these career paths, some sociology majors go to law school. Others take jobs in the criminal justice field or hold management positions in the public and private sector. The department has additional information on career options. Students in all career paths are encouraged to use independent studies, internships and service learning opportunities to extend their education and prepare for job entry. Ordinarily, course work or work experience in the area of interest must precede the independent study.

Students interested in double majors, pairing sociology with psychology, business, criminal justice, communications, or political science, will receive credit in the sociology major for one or more course in the second major. Information on sociology double majors is available in the department office.

The Department of Sociology and Anthropology periodically offers seminars designated as SOC 263 or 463 to acquaint the interested student with a wide range of special topics. SOC 250, "*Topics in Sociology*" presently includes courses such as "*Sociology of Sport*," "*Sociology of Religion*," "*Death and Dying*," etc.; SOC 350, "*Topics in Sociology*" will include a significantly greater component of academic rigor and/or computer labs/service learning/additional research obligations found in courses such as "*Criminology*," "*Social Inequities*," "*Urban Community Life*," "*Social Policies on Aging*," "*Race and Racism from a Socio-Anthropological Perspective*," etc.

Sociology & Anthropology Minor

Minimum credits required: 20 credit hours

Select one:

SOC	100	Principles of Sociology	OR	4 credits
SOC	106	Organizations		3 credits

At least two from:

SOC	201	Social Problems	4 credits
SOC	301	Social Inequalities	3 credits*
SOC	302	Racial and Cultural Minorities	3 credits*
SOC	313	Criminology	3 credits*

Select one:

SOC	280	Research Methods	4 credits*
SOC	315	Sociological Theory	3 credits*

Additional courses to total 20 hours

If you had a previous methods course, we recommend that you take Sociological Theory.

A minimum of three sociology courses must be taken at Baldwin-Wallace. No more than four hours (combined) of SOC 050 and SOC 070 credit may be counted toward the minor.

A specific, focused minor may be obtained by pursuing the Minor in Gerontology/Certificate Program in Gerontology. Although this is an interdisciplinary course of studies, it is coordinated through the Department of Sociology. This program includes substantial sociology course offerings as indicated in the Gerontology Minor. Students completing the Minor in Gerontology will also be awarded a Certificate in Gerontology.

Sociology & Anthropology Course Descriptions

SOC 050(I) INDEPENDENT STUDY

One to four credit hours

See [Independent Study Program, Section II.](#)

SOC 070 FIELD EXPERIENCE/INTERNSHIP

Credit hours to be arranged

See [Field Experience/Internship Program, Section II.](#)

SOC 100D PRINCIPLES OF SOCIOLOGY

Four credit hours

An introductory course in Sociology, this course introduces students to the nature and scope of sociology, including systematic treatment of educational, familial, political, economic and religious institutions, social problems, social change, and social control. The influence of groups and social setting on individual attitudes and behaviors is also covered. Students use the computer lab to

conduct analysis of data during the course. In the computer lab, students are shown and taught to use some of the same research techniques and data available to professional researchers.

SOC 106 ORGANIZATIONS *Three credit hours*

A study of the structure and function of formal organizations, from schools to business and government. Authority, conflict, motivation, socialization, participation and alienation are examined through social research. Examples are drawn from the kinds of organizations familiar to students from their own experiences (schools, colleges, work settings) and future career sites (large corporations, criminal justice agencies, professional partnerships, etc.).

SOC 180 ARCHEOLOGY AND HUMAN EVOLUTION *Three credit hours*

The anthropological study of human evolution, from origins through the formation of major early civilizations. Emphasis is on understanding the changing nature of the relationships between human biology, the environment, and adaptation of culture as a way of life.

SOC 181I CULTURAL ANTHROPOLOGY *Three credit hours*

An introduction to the nature of culture and a comparison of contemporary non-western cultures worldwide. Readings, slides and films help review cultural similarities and differences in subsistence technology, language, social organization, politics and religion. An analysis that views culture as humankind's most important adaptive tool, a strategy for survival, also suggests cultural anthropology's relevance for appreciating the modern world's social, economic and ecological problems.

SOC 201D SOCIAL PROBLEMS *Four credit hours*

This course addresses selected social problems and issues in our world today. Emphasis is on conceptions and misconceptions regarding the causes of social problems at the national and global level, such as poverty, drug abuse, health care, population, warfare and the environment. Possible solutions to these problem issues are also explored. Working collaboratively with the Community Outreach Office at Baldwin-Wallace College, students enrolled in this course may opt to work in various social agency programs, addressing social problems in the community's metropolitan area. Learning in this off-campus setting will be critically analyzed and applied in the classroom.

SOC 206 CRIME IN ORGANIZATIONS *Three credit hours*

The primary focus of this course is to acquaint students with the nature and extent of criminal behavior within an organizational context. Accordingly, the course will focus upon analyzing organizational crime and deviance within corporate, governmental and criminal justice settings. Societal attitudes, social and economic consequences and control of these activities are also addressed.

SOC 212 FAMILIES, COUPLES AND SINGLES *Three credit hours*

An analysis of family life and the historical development of the family through the examination of comparative family organizations in various societies. A review of recent research in American family structure is undertaken to discover the strengths, weaknesses and the future of various types of domestic lifestyles, including living together couples, single-parent families and other alternative forms.

SOC 223 JUVENILE DELINQUENCY AND THE JUVENILE JUSTICE SYSTEM *Three credit hours*

(cross-listed as CRJ 223)

This course examines competing theories of juvenile delinquency as well as measures which aid in the prevention and control of this behavior. Juvenile justice procedures and cases are presented. Attention is also given to the social consequences of juvenile delinquency and corresponding legal and social reactions.

SOC 250(I) TOPICS IN SOCIOLOGY Three credit hours

Content will vary. Students may take this course more than once provided that the topic is different each time. Examples: Sociology of Sport, Sociology of Religion, Policies on Aging.

SOC 260 DEATH AND DYING Three credit hours

The principal purpose of this course is to provide students with an opportunity to study death in modern society. Course objectives include: students will learn to apply the sociological perspective to understanding death and dying in modern U.S. society; students will learn how grief is a life-long human dilemma and will study models of grief and bereavement adaptation; students will develop an inter-disciplinary understanding of the complex nature of death in our modern healthcare system and global societies. Students will be challenged to understand the difficult ethical and moral end-of-life medical decisions confronting the terminally ill, their families and health care professionals.

**SOC/270 TERRORISM: ROOTS AND RESPONSES Three credit hours
CRJ**

Among the topics that are explored are: how terrorism is defined (and sometimes justified), the factors that promote its existence, features of terrorist organizations, the impact of media coverage of terrorist incidents, and the array of counter-terrorism measures undertaken by governments. While the course examines various terrorist campaigns around the world—past and present—the emphasis is on what is sometimes referred to as the “new terrorism.” That is, religiously motivated violence involving radical Islamist factions whose terrorist tactics and extreme violence set it apart from other examples of terrorist campaigns.

SOC 280 RESEARCH METHODS Four credit hours

Prerequisite: SOC 100 or SOC 106. Required of all Sociology majors.

This course is designed to help the student understand the theoretical principles on which scientific research is based and to see how those principles are reflected in the established techniques for doing research. Upon completion of this course, a student can expect to be fairly knowledgeable of concepts in and the structuring of Scientific Inquiry; Modes of Observation, with special emphasis on computer applications in data interpretation; and the social context of research. In general, students can be expected to enhance their skills in the areas of research and problem-solving.

SOC 281 SPSS: DATA ANALYSIS Four credit hours

Prerequisite: PSY 279 or ECN 279 or MTH 135, and a research course in either sociology or psychology. Required of all Sociology majors

Students use the Statistical Package for the Social Sciences to create data files, recode variables, develop scales and analyze relationships in the data. Students learn how to use a wide variety of charts to graphically display data. SPSS is the computer program most commonly used for the analysis of research in all of the social sciences and in marketing research departments in business. All classes are conducted in a computer lab. Students may use their own data for the term project.

SOC 286I GLOBAL PERSPECTIVES Three credit hours

The primary purpose of the course is to provide a sociological interpretation of global human dynamics, with a special emphasis on political economy conditions. Issues cover areas of global political economy, development and social change, and international relations. Other areas that are covered include: the diverse perceptions of the world; ethnicity and global diversity; economic development; ecological sustainability, and war and peace. This course examines the sources of order and conflict in the world social system. It also looks into how the United States and other nations interpret their existence and role in the new world order.

SOC 290D GENDER ROLES

Three credit hours

This course is an introduction to the sociological study of gender. Investigated are the social construction and maintenance of gendered identities and a gender-stratified society. Among the topics examined are: childhood socialization; gendered images in the media; gender inequalities in marriage and family; inequities in work and economy; power and politics; and crime and deviance. Both macro- and micro-viewpoints are emphasized. The focus is primarily on the contemporary United States, but references to other countries, particularly Third World countries, will be made where appropriate.

SOC 301D SOCIAL INEQUALITIES

Three credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201

This course will examine some dominant forms of inequalities, their causes, and some of the social consequences of inequalities. The course will explore the ways in which these impact life in the United States and other nations. Upon completion of the course, a student can be expected to be fairly knowledgeable in intermediate level concepts of social inequalities seen from a sociological perspective; forms, causes, and consequences of inequalities; sociological data interpretation; and cross-cultural perspectives on these issues. Students can expect to enhance their skills in the areas of critical thinking, written expression, and research.

SOC 302D RACIAL AND CULTURAL MINORITIES

Three credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201

This course examines minority groups in a number of modern nations, with emphasis on both the social structure and the social psychology of interpersonal relations. African Americans, Hispanics, and ethnic groups in the U.S. are presented as a comparative base for the study of minority groups in South Africa, Northern Ireland, Brazil, Canada and other countries.

SOC 303I URBAN COMMUNITY LIFE

Four credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201. Required for all Sociology majors

This course presents an overview of the historical development of the urban community. The dynamics of urbanism are studied, including characteristic social features, population shifts and changes, different life styles and urban ecology, as well as an overview of some of the major structural components of health, education, government, the economy, welfare and recreation in contemporary urban communities. An integral component of this course may involve work in the community coordinated through the Community Outreach Office. The various contexts in which the students work will comprise the off-campus setting for students to actively participate in the community applying and integrating knowledge acquired in the classroom with actual programs, social policy, and concerns of the urban community.

SOC 310 WORK IN AMERICA

Four credit hours

An examination of the meaning of work through the findings of empirical research. Executives, professionals, middle managers, skilled and unskilled workers and the unemployed are studied to learn how the tasks, personal associations and social status connected with work influence values, life style and family relationships. Students own work experience and career goals are incorporated into the course.

SOC 313 CRIMINOLOGY

Three credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201. Required of all Sociology majors

This course focuses on the sociological study of crime. The course includes an examination of the nature of criminal laws, the variety of theoretical explanations for criminal behavior, the measurement of crime, patterns of crime, and the mechanisms for control of criminal behavior.

SOC 315 SOCIOLOGICAL THEORY Three credit hours

Prerequisite: SOC 100 or SOC 106, plus 2 additional courses in sociology. Required of all Sociology majors.

This course explores the contributions of major theorists in sociology. The goals of the course include understanding the strengths and limitations of each theory studied; acquiring a sense of how social theory has developed historically; and developing an ability to evaluate and discuss theories critically.

SOC 317 SOCIOLOGY OF DEVIANCE Three credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201

This course studies the nature of social deviance, including an overview of differing theoretical perspectives on deviance. Emphasis is on an assessment of causality, typical life styles of various classes of deviants, current societal reaction and possible alternative responses by society to deviancy in its various forms.

SOC 344D AGING AND SOCIETY Three credit hours

This course examines the social, cultural and group forces involved in aging. Topics include a survey of the larger field of social gerontology (aging studies), the social psychology of the aging individual and social forces involved in the life span in various cultures. Specific issues of health and human services are covered, such as family relationships, personal growth in later years, sex and aging, crime and the elderly, aging and economics, retirement, and death and dying.

SOC 345 MEDICAL SOCIOLOGY Three credit hours

This course uses sociological concepts, perspectives and research methods to examine the socio-cultural aspects of health and illness, disease prevention and disease treatment. The course explores the epidemiology and social demography of health, examines the behaviors associated with health and illness, and reviews the experience of illness in various societies. Attention is given to doctor/patient interaction and to the medical professions in changing societies, and to the health care delivery systems and social policies regarding medical care in the United States and other nations.

SOC 350 TOPICS IN SOCIOLOGY Three credit hours

Prerequisite: SOC 100 or SOC 106 or SOC 201

Content will vary. Students may take this course more than once, provided that the topic is different each time. This course designation will include a significantly greater component of academic rigor and/or computer labs/service learning/additional research obligations for students enrolled in this course designation. Examples would be: Social Policies on Aging, Race and Racism from a Socio-Anthropological Perspective, etc.

SOC 361 CORRECTIONS Three credit hours

(cross-listed as CRJ 361)

This course acquaints students with an analysis of sentencing, probation, parole and a diverse number of critical issues in penology. Such issues may include the prison environment, deterrence, rehabilitation, retribution, prison violence, capital punishment, prisoners rights, and reform of the system.

SOC 400 APPLIED SOCIOLOGICAL RESEARCH Three credit hours

Prerequisite: SOC 280 and SOC 281. Required of all Sociology majors.

The whole class will undertake an applied research project for an on-campus or off-campus client. The class will design the study, develop the instruments, gather the data, analyze the data, and report the findings to the client.

THEATRE

Theatre Major

Computer Code: CTHE

The theatre major is a generalist program designed to provide a broad perspective of the literature, history and creative practices of the discipline.

Minimum credits required: 46 (plus prerequisites as indicated)

Required courses (* = Prerequisite Required)

THE	100F	Introduction to Theatre	3 credits
THE	162F	Backstage Experience	2 credits
THE	170	Vocal Training	2 credits
THE	180F	Stagecraft	3 credits
THE	191IF	Theatre Literature	3 credits
THE	270F	Collaborative Studies in Theatre	3 credits*
THE	272	Acting	3 credits*
THE	285	Stage Management OR	2 credits*
THE	286	Theatre Management	2 credits*
THE	288IF	Theatre History I	3 credits*
THE	289IF	Theatre History II	3 credits*
THE	291F	Modern Theatre Literature	3 credits*
THE	371	Directing	3 credits*
THE	372	Building a Character	3 credits*
THE	382	Scene Design	3 credits*
THE	383	Lighting Design	2 credits*
THE	385	Costume Design	3 credits*
THE	472	Current Theatrical Trends	2 credits*

Theatre Minor

Minimum credits required: 19

The theatre minor includes: THE 100F, 162F (2 hours), 151F, 180F, 191IF, 270F and 371.

Theatre Course Descriptions

THE 050(I)	INDEPENDENT STUDY	<i>Credit hours to be arranged</i>
See Independent Study Program, Section II .		
THE 070	FIELD EXPERIENCE/INTERNSHIP	<i>Credit hours to be arranged</i>
Practical experience in any area of theatre. See Field Experience/Internship Program, Section II		
THE 100F	INTRODUCTION TO THEATRE	<i>Three credit hours</i>
<i>Required of all theatre majors and minors</i>		
An introduction to the major ideas, influences and practices which shape theatre today. The emphasis of the course is to develop the student's critical ability to evaluate and appreciate theatre performance.		
THE 151F	ACTING FOR NON-MAJORS	<i>Two credit hours</i>
<i>Required of all theatre minors</i>		
A basic course designed to introduce non-majors to the principles of acting. Emphasis is placed on body control, interpretation, improvisation and scene work.		
THE 154F	CREATIVE DRAMATICS	<i>Two credit hours</i>
A course designed to familiarize the elementary/secondary school teacher with the use of creative dramatics in the classroom. Theory as well as practical application of the arts and crafts of theatre will be considered.		
THE 161F	ON-STAGE EXPERIENCE	<i>One credit hours</i>
After being cast in a play, a student may register for credit for on-stage experience. Registration with instructor's permission only. Graded S/U		
THE 162F	BACKSTAGE EXPERIENCE	<i>One to two credit hours</i>
<i>Two hours required of theatre majors and minors.</i>		
A student may register for backstage work on plays being offered during the semester. Hours toward credit can include working in the scene or costume shop or crewing a show. Registration with instructor's permission only.		
THE 170	VOCAL TRAINING	<i>Two credit hours</i>
<i>Required of all theatre majors</i>		
A practical course designed to liberate and develop the natural speaking voice, with emphasis on breathing, sound production, resonance, range, power, articulation, sensitivity, and mind/body unity.		
THE 180F	STAGECRAFT	<i>Three credit hours</i>
<i>Required of all theatre majors and minors</i>		
A study of the principles and practices of stage scenery construction. Emphasis is placed on utilization of materials and appropriate technology. Both lecture and laboratory experience is included.		
THE 191F	THEATRE LITERATURE	<i>Three credit hours</i>
<i>Required of all theatre majors and minors</i>		
A survey course of major plays from ancient Greece to the present. Emphasis will be placed on textual analysis for stage performance and production.		
THE 263(IH)	SEMINAR	<i>Two to four credit hours</i>
The study of current topics of concern within the theatre area. May be repeated more than once, provided the subject or topic is different.		

- THE 270F COLLABORATIVE STUDIES IN THEATRE *Three credit hours***
Required of all theatre majors and minors. Prerequisite: THE 100F, 191IF
 This course is designed to improve the student's ability to collaborate on theatrical material by exploring the intellectual process required to communicate with colleagues. Emphasis will be placed on developing each student's artistic sensibility and their ability to articulate conceptual ideas.
- THE 272 ACTING *Three credit hours***
Required of all theatre majors. Prerequisite: THE 100F, and THE 170
 The study of basic expressive techniques, analytical skills and the principles which underlie the methodologies of acting as they relate to the actor's performance.
- THE 273 AUDITION *Two credit hours***
Prerequisite: THE 100F, 272
 A course examining methods of audition preparation in commercial, community and educational theatre situations. The student will prepare a performance resume and be expected to prepare both classic and modern audition pieces.
- THE 284 STAGE MAKEUP *Two credit hours***
Prerequisite: THE 100F
 A basic course in fundamental principles and practices in theatrical makeup, emphasizing techniques of application, familiarization with materials, and fundamental makeup design. Additional lab hours required.
- THE 285 STAGE MANAGEMENT *Two credit hours***
THE 285 or THE 286 required of all theatre majors. Prerequisite: THE 180F
 A study of the principles and practice of stage management in commercial and non-commercial settings. The course will explore such areas as scheduling, cue-calling, and rehearsal procedures. Offered every third semester.
- THE 286 THEATRE MANAGEMENT *Two credit hours***
THE 285 or THE 286 required of all theatre majors. Prerequisite: THE 180F
 A study of the principles and practice of theatre arts management in commercial and noncommercial applications. The course will explore such areas as philosophy, objective financing and theatre promotion. Offered every third semester.
- THE 288IF THEATRE HISTORY I *Three credit hours***
Required of all theatre majors. Prerequisite: THE 100F
 A survey of the origin and development of Western theatre. Offered every third semester.
- THE 289IF THEATRE HISTORY II *Three credit hours***
Required of all theatre majors. Prerequisite: THE 288IF
 A study of the foundations of modern theatre including American theatre history. Offered every third semester.
- THE 291F MODERN THEATRE LITERATURE *Three credit hours***
Required of all theatre majors. Prerequisite: THE 191IF
 A study of the origins and development of modern theatre literature from 1870 to the present, in Europe and America. The course will emphasize the work of such playwrights as Ibsen, Strindberg, Chekhov, O'Neill and Williams.
- THE 371 DIRECTING *Three credit hours***
Required of all theatre majors and minors. Prerequisite: THE 100F, 180F, 191IF, 270F, 272
 A study of the theories, processes and techniques of the stage director. The course will also focus on questions of play selection, analysis and research. Practical laboratory experience will supplement lecture/discussion.

- THE 372 BUILDING A CHARACTER** *Three credit hours*
Required of all theatre majors. Prerequisite: THE 272
 This course focuses on the actor's development of characterization through scene work, textual analysis and other interdisciplinary approaches. Vocal and physical aspects of character delineation will be emphasized. Students will research and develop characterizations reflecting diverse stylistic and historical requirements.
- THE 373 ADVANCED PERFORMANCE STUDIES** *Three credit hours*
Prerequisite: THE 272, 372
 This advanced performance course will focus on specific acting skills and techniques and will vary with each course offering.
- THE 374 DIRECTING PRACTICUM** *Two credit hours*
Required of all student one-act directors. Prerequisite: THE 270F, 272, 371, 382, 383, 385
 This course is organizational in nature and deals with specific production problems involving the mounting of a one-act play. Students will select, budget and produce their productions in coordination with other directors.
- THE 382 SCENIC DESIGN** *Three credit hours*
Required of all theatre majors. Prerequisite: THE 100F, 180F, 270F
 A study of the application of the elements of basic design to the art of scenic design for the theatre. The course explores the design process from the evolution of the design concept to the execution of renderings and model making. Offered every third semester.
- THE 383 LIGHTING DESIGN** *Two credit hours*
Required of all theatre majors. Prerequisite: THE 100F, 180F, 270F
 A study of the theories and practice of lighting design with emphasis on the functions and the controllable properties of light. The course is designed to acquaint the student with practical application and effective utilization of lighting design. Offered every third semester.
- THE 385 COSTUME DESIGN** *Three credit hours*
Required of all theatre majors. Prerequisite: THE 100F, 180F, 270F
 This course is designed to introduce the student to the fundamentals of costume design. Emphasis will be placed on historical research, applying conceptual thought, and developing character. Students will be exposed to costuming materials and design techniques, as well as historical costume period. Offered every third semester.
- THE 461F PLAYWRITING** *Two credit hours*
Prerequisite: THE 100F, 191IF, 291F
 This course is designed for the theatre or liberal arts student wishing to gain experience in dramatic writing. Contemporary playwrights and their plays, as well as the student's own writing efforts, will be evaluated. The student's one-act play, in copyright eligible form, will be the culmination of the course work.
- THE 463(I) SEMINAR** *Two to four credit hours*
 An advanced current topic in theatre. May be repeated, provided that the topic is different.
- THE 472 CURRENT THEATRICAL TRENDS** *Two credit hours*
Required of all theatre majors. Prerequisite: THE 191IF, 270F, 291F or consent of the instructor.
 This capstone course is designed to expose students to current trends and philosophies in the theatre community. Students will develop skills and resources that will help them remain current in their specific area of interest as well as develop a strategy for starting their theatrical career. This course should be taken during the Fall semester of the final year.
- THE 491,492 HONORS COURSES** *Credit hours to be arranged*
 See [Departmental Thesis/Project, Section II](#)

CERTIFICATE PROGRAMS

The certificate programs at Baldwin-Wallace College provide individuals the opportunity to develop a set of skills in a professional area, in a relatively short period of time, without enrolling in a total college degree program. Students who already have a college degree may enroll in this program. All courses offered in the B-W Certificate Program are college-level credit courses.

The courses also appear on an official transcript and may be used toward graduation credits should the student decide to pursue a college degree.

Eligibility for Admission

Students applying for admission to the Certificate Program at B-W must meet the standards required of all students. No admission tests are required but participants must complete the application procedures for admission to the College. Students enrolled in a certificate program at B-W may be concurrently enrolled in a degree program by notifying the Registrar's Office.

Note: Concerning all certificate programs, it is the student's responsibility to consult a Certificate Program advisor as to the specific course requirements of the certificate program. In order to receive a certificate, a student must fill out a Certificate Completion Application before the last semester of attendance. The form can be found at <http://www.bw.edu/resources/registration/forms>.

The Certificate Programs are as follows:

Key: (* = Prerequisite Required)

Accounting

The Certificate Program in Accounting requires six accounting courses for a total of 18 semester hours from the Business Administration Division. More than half of the courses must be completed at Baldwin-Wallace College. Seven hours of course work may be transferred from other accredited colleges and universities as long as the courses are not more than 10 years old.

The following four courses are required:

BUS 211	Principles of Accounting I	3 credits*
BUS 212	Principles of Accounting II	3 credits*
BUS 321	Intermediate Accounting I	3 credits*
BUS 322	Intermediate Accounting II	3 credits*

Specialization Electives: Must choose two 3 credit courses in Accounting at the 300 or 400 level.

BUS 316	Cost Accounting & Analysis	3 credits*
BUS 407	Federal Income Taxation	3 credits*
BUS 408	Federal Taxation	3 credits*
BUS 417	Principles of Auditing	3 credits*
BUS 418	Governmental & Nonprofit Accounting	3 credits*
BUS 420	Accounting Systems	3 credits*
BUS 421	Advanced Accounting	3 credits*

Applied Communications

The Certificate Program in Applied Communications requires six courses for a total of 20-22 semester hours from the Communications Department, English Department, and the Business Administration Division. More than half of the courses must be completed at Baldwin-Wallace College.

CST	102	Interpersonal Communication	3 credits
CST	112	Public Speaking	3 credits
CST	313	Organizational Communication	3 credits*
ENG	131	Workshop in Exposition and Argument	3 credits
ENG	305	Workshop in Ad. Exp. and Arg.	3 credits*
BUS	358	Business Communications	3 credits

Computer Information Systems: Network Option

The Certificate Program in Computer Information Systems: Network Option requires 26 semester hours in coursework from the disciplines of computer science and mathematics. All but 10 credit hours must be completed at Baldwin-Wallace College.

Mathematics Requirements: (2 courses)

MTH	135	Intro to Probability & Statistics	3 credits
MTH	161	Discrete Mathematics I	4 credits

Computer Science Requirements: (7 courses)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	290	Building Local Area Networks	3 credits*
CSC	370	Information Systems Security, Privacy & Ethics	3 credits*
CSC	410	Advanced Local Area Networks	3 credits*
CSC	411	Network Administration	3 credits*

Computer Information Systems: Database Option

The Certificate Program in Computer Information Systems: Database Option requires 24 semester hours in coursework from the disciplines of computer science and mathematics. All but 10 credit hours must be completed at Baldwin-Wallace College.

Mathematics Requirement: (1 course)

MTH	161	Discrete Mathematics I	4 credits
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Computer Science Requirements: (7 courses)

CSC	210	Computer Science I	3 credits*
CSC	215	Digital Topics	2 credits*
CSC	220	Fundamentals of Distributed Systems	2 credits*
CSC	225	File Systems Management Techniques & Applications	4 credits*
CSC	280	Intro to Database Management Systems	3 credits*
CSC	360	Information Systems Project Management	3 credits*
CSC	380	Advanced Database Management Systems	3 credits*

Human Resource Management

The Certificate Program in Human Resource Management requires six college courses for a total of 18-19 semester credit hours. More than one half of the coursework must be completed at Baldwin-Wallace College. Knowledge areas include organizational structure, organizational behavior, the competitive environment, human resource planning, selecting, compensating, appraising, training, developing, and the legal framework under which all of the human resource activities must occur. Skills fostered include critical thinking, analysis, and evaluation set within the framework of both the internal requirements of the organization and the external pressures of the environment.

Required Courses (9 credit hours):

BUS 305	Introduction to Management	3 credits
BUS 329	Business Ethics	3 credits
BUS 410	Human Resource Management	3 credits*

Choice of 3 electives, 2 of which must have a BUS prefix (9-10 credit hours):

BUS 409	Behavioral Theories of Management	3 credits*
BUS 411	Compensation	3 credits*
BUS 412	Employment Law & Labor Relations	3 credits*
BUS 413	Staffing and Development	3 credits*
ECN 349	Labor in the Economy	3 credits*
PSY 301	Psychological Testing	4 credits*
PSY 320	Industrial/Organizational Psy	4 credits*
CST 202	Interpersonal Communications	3 credits
CST 313	Organizational Communication	3 credits*

Leadership

The certificate program in Leadership requires 18-20 semester hours. More than half the courses must be completed at Baldwin-Wallace College.

The following four courses are required:

LDR 201	Introduction to Leadership Studies	3 credits
LDR 202D	Contemporary Leadership Problems	3 credits
BUS 305	Introduction to Management	3 credits
BUS 409	Behavioral Theories of Management	3 credits*

Course Options: (choose 1)

BUS 263	Team Building	3 credits
PSY 320	Industrial/Organizational Psychology	4 credits*
PSY 321	Human Relations and Group Dynamics	3 credits*

Course Options: (choose 1)

PSY 339	Social Psychology	4 credits*
SOC 106	Organizations and Work	3 credits
SOC 301D	Social Inequalities	3 credits*

Organizational Development

The certificate program in Organizational Development requires 20-21 semester hours. More than half the courses must be completed at Baldwin-Wallace College.

The following four courses are required:

BUS	263	Team Building	3 credits
BUS	305	Introduction to Management	3 credits
BUS	409	Behavioral Theories of Management	3 credits*
CST	313	Organizational Communication	3 credits

Course Options: (choose 1)

PSY	320	Industrial/Organizational Psychology	4 credits*
PSY	321	Human Relations and Group Dynamics	3 credits*
PSY	339	Social Psychology	4 credits

Course Options: (choose 1)

SOC	106	Organizations and Work	3 credits
SOC	301D	Social Inequalities	3 credits*
SOC	310	Work in America	3 credits*

Section IX

GRADUATE PROGRAMS

Master of Arts in Education

The Master of Arts in Education (M.A.Ed) program at Baldwin-Wallace College is designed to stimulate and guide early childhood, middle childhood, and adolescent/young adult teachers toward professional competency and intellectual maturity. The non-thesis program requires 31–40 semester hours of study.

M.A.Ed specializations **include reading, pre-administration, mild/moderate educational needs, and educational technology**. Reading and educational technology can lead to licensure endorsements. Mild/moderate and pre-administration can lead to licensure. Additional, post-master's coursework and internships are required for administrative licensure eligibility. Successful completion of Praxis II exams is required for licensure and endorsement eligibility with the exception of Educational Technology.

The M.A.Ed program is offered in three formats: traditional, on-campus study; Partnership Program cohorts in school settings; and in combination with undergraduate courses leading to post-bachelor's licensure—the License+Master's program.

The Master's degree program is designed to meet the needs of today's classroom teachers—those who are experienced as well as those entering the profession.

Attributes

The teacher education curriculum is arranged conceptually around six teacher/educator attributes: content knowledge, professional knowledge, pedagogical knowledge, diversity, educational technology, and professional dispositions. These six attributes comprise a conceptual framework for guiding the academic experiences of all students.

Academic Policies and Information

Academic Calendar

Courses are offered fall and spring semesters and during two consecutive summer sessions. Classes are scheduled in the late afternoon or early evening during the traditional school year; during the day in the summer.

Accreditation

Baldwin-Wallace College is accredited by the National Council for Accreditation of Teacher Education (NCATE) and the North Central Association of Colleges and Schools for undergraduate work and for graduate work at the master's level. It is approved by the American Chemical Association. It has been approved by the Association of American Universities since 1931. BWC is a member of the Association of American Colleges, the American Council on Education, and the American Association of Colleges of Teacher Education. The graduate program in education was approved by the Ohio Board of Regents in May 1974 and was initiated in January 1975.

Admission Requirements

Although each applicant for admission to the graduate program in education will be judged on individual merit, requirements include the following:

1. a bachelor's degree from an accredited college or university.
2. a valid teaching certificate/license*

3. an undergraduate cumulative grade point average of 2.6 (on a four point scale) in the last two years (60 semester hours) of study.
4. two letters of recommendation from former professors, principals, supervisors, or other persons qualified to estimate the applicant's ability to successfully complete graduate study in education.

Applicants with less than a 2.75, but not lower than 2.30, g.p.a. may be admitted on the basis of an acceptable score on the Miller Analogies Test (MAT).

Conditional admission may be extended to an applicant who does not meet these requirements but demonstrates exceptional potential as a graduate student. Conditional admission includes the stipulation to maintain a 3.0 cumulative grade point average for the 12 hour core in order to continue as a degree candidate in the program.

Applicants who do not successfully pass the (MAT) may petition to resubmit test scores after a lapse of one year.

Faculty members of the Division of Education and/or others associated with the admissions procedure reserve the right to require an applicant, regardless of grade point average, to take the Miller Analogies Test.

An applicant who already holds a master's degree—in education or in a teaching field—from an accredited college or university will have his/her application reviewed based on the graduate degree work only.

All admissions will be made through the Admission Office with guidance on specific programs from the Director of Admissions, the Admission Committee, the Director of the Graduate Program.

**Not required of License+Master's applicants.*

Admission as a Non-Degree (Special) Student

An applicant may be accepted for certain designated courses with evidence of a bachelor's degree. This non-degree (special) classification may be retained provided the student's work meets the standards of the regular graduate program. The non-degree student desiring to become a degree seeking student must meet admission requirements.

Comprehensive Exams

Candidates are required to successfully complete a written, comprehensive exam to qualify for graduation. Exams cover both core and specialization courses.

Candidates may be asked to complete an oral exam, re-write an answer, or take additional course work if exam responses are not acceptable.

The Degree

Degree Completion

The program can be completed in as little as two years of part-time study. All degree work must be completed within six years of initial enrollment in graduate, degree-eligible courses at B-W.

Degree Requirements

The M.A.Ed program is a non-thesis program requiring 31–40 semester hours to complete. A twelve hour core of foundational courses is completed prior to enrollment in one of the specializations. In addition to core and specialization courses, each student completes a liberal arts enrichment course.

Grading System

At the conclusion of each course, letter grades are assigned to the student for the course work. Grades assigned are: A, B, C, F, I, T and W. Each grade has the following value in quality points: A, four; B, three; C, two; and F, zero. The "I" or incomplete grade is used when a student has been unavoidably delayed in finishing course work. This work must then be completed prior to the end of the 6th week of the subsequent semester. The "T" or temporary non-credit grade indicates that work in the course is continuing and is thus far satisfactory. The "W" is a withdrawal which earns no quality points.

Candidates who decide to drop a course or to withdraw completely for the semester must inform both the Director of the Master of Arts in Education Program and the Registrar's Office, in writing. A student who ceases to attend classes, but who does not officially withdraw, will receive a grade of "F" at the end of the semester. Withdrawal after the 9th week may be authorized by the Director of the M.A.Ed Program and the Registrar only in cases of prolonged illness, change in employment, or other circumstances beyond the student's control. In such a case, a written petition must be sent to the Director or the Registrar within one week after the last day of class attendance.

Graduate Probation Policy

Graduate student candidates, including License+Master's students, must maintain a 3.00 grade point average (g.p.a.) in all coursework taken for graduate credit. Candidates are responsible for keeping apprised of their academic status by referral to the term grade reports and to the permanent academic record on file in the Registrar's Office.

A student will be placed on probation if his/her cumulative grade point average falls below 3.0.

A graduate student on probation must achieve a term g.p.a. of 3.0 in order to enroll in the next term.

A graduate student on probation will not be restored to good standing until a cumulative graduate-credit grade point average of at least 3.000 is achieved.

A probationary student who is not restored to good academic standing by the end of two successive semesters will be declared ineligible to re-enroll.

A graduate student who receives a grade of "C" for more than six (6) hours of credit must retake one of the courses in which the "C" was earned and receive a grade of at least "B" on the course before being eligible to graduate.

Ineligibility following academic probation: If a graduate student is ineligible to re-enroll following academic probation, the student may submit a petition to the Director of the Graduate Program. The petition will be reviewed by the Graduate Affairs Committee.

If a graduate student enrolled in the License+Master's program becomes ineligible to re-enroll, the licensing program may be completed under the requirements of the undergraduate degree program.

Appeal Process

Any candidate has the right to request a review of a decision made regarding his/her academic program. In the event that the concern is with a faculty member, the candidate must first contact said individual. If the candidate does not feel that the problem has been resolved, he/she may appeal to the Chairperson of the Division of Education. Following this action, should the candidate still feel that the matter is unresolved, he or she may appeal to the Office of the Dean. Candidates are strongly encouraged to contact their academic advisors for guidance and support in these matters.

Attendance

Each instructor is asked to have a clearly stated attendance policy included in each course syllabus. However, in the absence of this policy, the College policy will prevail. Instructors are not required to excuse absences in excess of ten percent of class meetings.

Graduate Student/Alumni Association

The purpose of the Association is to promote a continuing and growing fellowship among the alumni and current students of the Graduate Education program at Baldwin-Wallace College; encourages continuing professional growth and social interaction; and, provides input into the various programs.

For more information, please contact:

Mr. David LaBanc
Assistant Director of Alumni and Parent Relations
(440) 826-2106

Graduation Requirements

The candidate for the Master of Arts in Education degree (M.A. Ed.) is expected to meet the following degree requirements for graduation:

1. successful completion of the program coursework as outlined with a minimum of 31–40 credit hours
2. a 3.000 cumulative grade point average in total work attempted while registered in the Master of Arts in Education program
3. completion of all degree requirements within a six-year period from the date of initial enrollment in Division of Education graduate courses
4. successful completion of a written comprehensive examination.

Time Limits

Candidates must complete degree requirements within the six-year maximum limit. Extensions of the six-year limit will be considered upon petition to the Director of the Program. The petition should include reasons for needing additional time and indicate a proposed completion date—not to exceed one year extension.

Transfer Policy

Credits transferred for application toward the Master of Arts in Education degree are subject to the following conditions:

1. No more than six semester hours of course work may be transferred as equivalents to M.A.Ed requirements.
2. Credits to be transferred may not have been used to fulfill requirements for another degree.
3. Credits to be transferred must have been recorded as graduate credit, applicable toward degree eligibility at the granting institution; the granting institution must be fully accredited for graduate studies
4. Credits to be transferred must have been earned within a six-year period immediately preceding the student's initial graduate course work at Baldwin-Wallace College.
5. Grades must be a "B" or better for courses to transfer to the M.A.Ed program.
6. Candidates must complete a Request for Transfer form and submit it to the Director of the M.A.Ed program along with original transcripts, course descriptions, and course syllabi or outlines.

State License Examination

The State Board of Education of Ohio requires the Praxis II Examinations for all candidates seeking licensure at any level—early childhood education, middle childhood education, adolescent education, multi-age education, and mild/moderate. License+Master’s candidates will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Candidates currently possessing a license and seeking an endorsement will be tested only in the areas that they intend to add to their license. Thus, candidates adding reading to their license must take the exam in reading. License+Master’s candidates must take all required exams for licensure and endorsements.

Candidates currently holding a license and seeking the educational personnel license (administrator) will be tested in the specialty area.

A candidate for licensure may take any or all required exams as many times as needed, provided the candidate fulfills registration and fee requirements for each exam.

Tuition and Fees

A non-refundable, non-transferable application fee is required at the time of application. The Master of Arts in Education program is fully approved for veterans’ educational benefits. Please refer to the Baldwin-Wallace College posted charges for tuition information.

Payment of tuition must be made prior to the first day of each semester, even if you are receiving tuition benefits from your employer for which you will be reimbursed at a later date. Special payment arrangements must be made with the approval of the Bursar. Transcripts, grades and other official certifications will not be released for students whose accounts are not paid. Financial aid in the form of Guaranteed Student Loans is available to graduate students.

Refund Policy

Candidates who withdraw from a course will receive a refund of their tuition payment in accordance with the standard published refund table.

Students with Disabilities

The Office of Disability Services at Baldwin-Wallace College exists to provide support to students with special needs. If you anticipate seeking any accommodations related to your disability while you are at Baldwin-Wallace, please contact: Ms. Carol Templeman, (440) 826-2188

Baldwin-Wallace College endeavors to provide reasonable accommodations for every student who has a documented disability.

Workshop Admission

An applicant may be accepted for graduate workshops with evidence of teaching experience and a bachelor’s degree. An unlimited number of workshops may be taken. However, workshop credit may not be applied towards the master’s degree.

Curriculum

Foundational Core (12 credits)

These 12 hours are to be completed by all students before enrolling in Specialization courses.

EDU	510	Educational Studies	3 credits
EDU	511	Educational Research	3 credits
EDU	512	Psychological Foundations	3 credits
EDU	514	Instructional Technology	3 credits

Specializations

Reading

I. Foundational Core **12 credits**

II. Professional Specialization **19 credits**

EDU	541	Foundations of Reading and Language Arts	3 credits
EDU	542	Teaching Reading in the Content Areas	3 credits
EDU	543	Diagnostic and Corrective Reading Methods	3 credits
EDU	544	Practicum in Reading	4 credits
EDU	545	Research in Literacy Education	3 credits
EDU	546	Child and Adolescent Literature	3 credits

III. Enrichment (required)

EDU	513	Liberal Arts Enrichment	3 credits
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Mild/Moderate Educational Needs

I. Foundational Core **12 credits**

II. Professional Specialization **19-25 credits**

EDU	542	Teaching Reading in the Content Areas	3 credits
EDU	573	Education of Children with Special Needs	2 credits
EDU	574	Introduction to Students with Mild/Moderate Educational Needs	3 credits
EDU	576	Behavior Management for Students with Mild/Moderate Educational Needs	2 credits
EDU	577	Assessment & Remediation Strategies for Students with Mild/Moderate Educational Needs	3 credits
EDU	578	Student Teaching - Mild/Moderate Educational Needs (ages 5-12) OR	5 credits
EDU	579	Practicum in Mild/Moderate Educational Needs	4 credits
EDU	563	Seminar/Topics in Mild/Moderate Educational Needs	2 credits

III. Enrichment (required)			3 credits
EDU	513	Liberal Arts Enrichment	3 credits

IV. Required for Liscense

EDU	204	The Teaching of Phonics (for all candidates)	3 credits
EDU	342	Integrated Curriculum for Intervention Specialists (for all candidates holding Middle Childhood, Adolescent Young Adult or Multi-Age liscenses)	3 credits

Educational Technology

I. Foundational Core			12 credits
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II. Professional Specialization			16 credits
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EDU	516	Technology Integration: Multimedia and Instructional Design	4 credits
EDU	517	Technical Issues in Educational Technology Planning & Implementation	4 credits
EDU	518	Emerging On-line Classroom: Web-Based Classroom and Interactive Video	4 credits
EDU	519	Issues in Educational Technology	4 credits

III. Enrichment (required)			3 credits
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EDU	513	Liberal Arts Enrichment	3 credits
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Pre-Administration (not admitting students in 2005–06)

I. Foundational Core			12 credits
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II. Professional Specialization			18 credits
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EDU	552	General Supervision and Professional Development	3 credits
EDU	553	The School Curriculum/Instruction	3 credits
EDU	554	Pupil Personnel Services	3 credits
EDU	555	Principles of School Administration	3 credits
EDU	556	Strategic Planning and Evaluation	3 credits
**EDU	557	Internship for Pre-Administration	3 credits

Post-Masters Administration

EDU	590	Advanced Principles of Management Leadership	3 credits
EDU	591	School Law/Governance	3 credits
EDU	592	School Finance/Business Management	3 credits
*EDU	593	Internship for Administrators	3 credits

* Application for Internship must be submitted to the Division of Education Office one semester prior to internship.

License+Master's Program **(Teacher License & M.A. in Education)**

The **License+Master's** program is an alternative licensure program for candidates with a degree, but no license. To be admitted to the **License+Master's** program candidates must hold a cumulative grade point average of 2.75 in the final 60 hours of their undergraduate degree. Candidates who hold an overall grade point average of less than 2.75 but greater than 2.60 may be asked to take the Miller's Analogies Test to supplement their application.

As a general rule the Bachelor's degree from an accredited 4-year institution of higher education fulfills the general education requirements. To obtain licensure, the student must complete required undergraduate professional education courses, teaching field courses, student teaching, and some additional graduate courses which replace undergraduate professional education courses. All graduate courses in the M.A.Ed program of study are required. **License+Master's** candidates who have not taken a psychology course will be required to take PSY 110. In addition, they will be required to take PSY 205.

Upon completion of all requirements the student earns a license in the specialty area, a Master's degree, and possible endorsement or licensure in the Master's specialization.

Model Program Sheets delineating the requirements for each **License+Master's** program may be obtained in the Division of Education. The following are the **License+Master's** programs available at Baldwin-Wallace College:

Early Childhood Education License with Reading Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to an early childhood education license (PreK–3), and reading endorsement. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, early childhood education license, and reading endorsement. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Early Childhood Education License with Mild/Moderate Educational Needs License. This program is designed for the college graduate who wishes to pursue a course of study leading to an early childhood education license (PreK–3), and mild/moderate educational needs license (K–12). Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, early childhood education license, and mild/moderate educational needs license. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Early Childhood Education License with Educational Technology Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to early childhood education license (PreK–3) and educational technology endorsement. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, early childhood education license, and educational technology endorsement. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Middle Childhood Education with Reading Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to middle childhood education (grades 4-9), and reading endorsement. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, middle childhood education license, and reading endorsement. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Middle Childhood Education with Mild/Moderate Educational Needs License. This program is designed for the college graduate who wishes to pursue a course of study leading to middle childhood education (grades 4-9), and mild/moderate educational needs license (K–12). Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, middle childhood education license, and mild/moderate educational needs license. The candidate will not be recommended for licensure until all the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Middle Childhood Education with Educational Technology Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to middle childhood education license (grades 4-9), and educational technology endorsement. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, middle childhood education license, and educational technology endorsement. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Adolescent Young Adult Education/Multi-Age License with Reading Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to adolescent young adult education license (grades 7-12) or multi-age license (PreK–12), and reading endorsement. Through a combination of graduate and undergraduate courses, the individual may earn a Master of Arts in Education degree, adolescent young adult education license or multi-age license, and reading endorsement. The candidate will not be recommended for licensure until all of the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Adolescent Young Adult Education/Multi-Age License with Mild/Moderate Educational Needs License. This program is designed for the college graduate who wishes to pursue a course of study leading to adolescent young adult education license (grades 7–12) or multi-age license (PreK–12), and mild/moderate educational needs license (K–12). Through a combination of graduate and under-graduate courses, the individual may earn a Master of Arts in Education degree, adolescent young adult education license or multi-age license, and mild/moderate educational needs license. The candidate will not be recommended for licensure until all the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Adolescent Young Adult Education/Multi-Age License with Educational Technology Endorsement. This program is designed for the college graduate who wishes to pursue a course of study leading to adolescent young adult license (grades 7–12) or multi-age license (grades PreK–12), and educational technology endorsement. Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree, adolescent young adult education license or multi-

age license, and educational technology endorsement. The candidate will not be recommended for licensure until all the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Intervention Specialist License - Mild/Moderate Educational Needs License. This program is designed for the college graduate who wishes to pursue a course of study leading to mild/moderate educational needs license (K–12). Through a combination of graduate and undergraduate courses, the individual may complete a Master of Arts in Education degree and mild/moderate educational needs license. The candidate will not be recommended for licensure until all the requirements are completed and the candidate is eligible for the Master of Arts in Education degree.

Master of Arts in Education Course Descriptions

EDU 510 EDUCATIONAL STUDIES

3 credit hours

Required of all candidates

This course provides an overview of the historical, philosophical and sociological foundations of education with the intent of providing the opportunity to formulate, discuss and evaluate educational policies and practices as they relate to the classroom.

EDU 511 EDUCATIONAL RESEARCH

3 credit hours

Required of all candidates

This course is an introduction to research with emphasis on research techniques, reporting, and interpreting educational research. The student will have the opportunity to relate educational research to classroom practice.

EDU 512 PSYCHOLOGICAL FOUNDATIONS

3 credit hours

Required of all candidates

The student will study human development from birth through early adulthood. Emphasis will be on understanding language, cognitive, and social development. Candidates will examine the implications of developmental factors for teaching and learning.

EDU 513 LIBERAL ARTS ENRICHMENT

3 credit hours

Required of all candidates

This course is designed to broaden the liberal arts background, and to strengthen the candidate's knowledge of selected disciplines of liberal arts. Courses in various academic disciplines will be offered.

EDU 513 LIBERAL ARTS ENRICHMENT: POLITICS & ECONOMICS

3 credit hours

This is the required Liberal Arts Enrichment for all pre-administration candidates.

This course is an in-depth study of the political and economic structures as they affect the educational process focusing on federal, state and local levels of government.

EDU 514 INSTRUCTIONAL TECHNOLOGY

3 credit hours

Required of all candidates

Candidates will be introduced to the multitude of issues that impact the uses of technology, the role of technological innovations, and the opportunities presented by technology in the teaching and learning environment. Candidates will design instructional strategies to integrate technology into the curriculum, author a faculty/staff development program, create a technological strategic plan, and apply problem-solving strategies in instructional settings. Grant writing and distance learning may be investigated.

Reading Specialization

EDU 541 FOUNDATIONS OF READING & LANGUAGE ARTS 3 credit hours

Required of all reading candidates

This course is a study of the developmental stages of reading and language arts, including skills components, evaluation methods and instructional approaches with focus on reading and writing. It is an overview of the historical trends and the current theories and models of the reading and writing process. (25 hours of field experience required for **License+Master's** candidates only.)

EDU 542 TEACHING READING IN THE CONTENT AREAS 3 credit hours

Required of all reading candidates. Prerequisite: EDU 541

This course is an in-depth analysis of content area materials and the content area strategies. Candidates will study issues and trends in content area reading instruction. (25 hours of field experience required for **License+Master's** candidates only.)

EDU 543 DIAGNOSTIC AND CORRECTIVE READING METHODS 3 credit hours

Required of all reading candidates. Prerequisites: EDU 541, 542

This course is a study of selected evaluation procedures, remedial techniques and causes and correlates of reading problems. It includes practice in planning, implementing and reporting on a diagnostic evaluation. (25 hours of field experience required for **License+Master's** candidates only.)

EDU 544 PRACTICUM IN READING 4 credit hours

Required of all reading candidates. Prerequisites: EDU 541, 542, 543

Candidates will evaluate children who have been referred for reading difficulties. They will plan and implement a remedial program for the children. (75 hours of clinical experience required.)

EDU 545 RESEARCH IN LITERACY EDUCATION 3 credit hours

Required of all reading candidates. Prerequisites: EDU 541, 542

This course is a study of a variety of research methods in literacy education with emphasis on research designed by teachers to be conducted in classrooms. The course will include an overview of current reading research in areas such as comprehension, vocabulary instruction, word recognition, and writing.

EDU 546 CHILD AND ADOLESCENT LITERATURE 3 credit hours

Required of all reading candidates

This course is a survey of literature for children and adolescents with attention to criteria and procedures for selecting works appropriate to specific student needs and curriculum objectives.

Mild/Moderate Educational Needs

EDU 204 THE TEACHING OF PHONICS 3 credit hours

Required for all candidates seeking Mild/Moderate Educational Needs License.

This course focuses on understanding and applying phonics rules as well as the role of phonics in reading instruction. Candidates will learn strategies to incorporate phonics in the teaching of reading.

EDU 342 INTEGRATED CURRICULUM FOR INTERVENTION 3 credit hours

SPECIALISTS

Only required for Middle Childhood, Adolescent Young Adult or Multi-Age candidates seeking Mild/Moderate Educational Needs License.

This course is designed to give an understanding of the elementary curriculum to candidates with middle childhood, adolescent, or multi-age licenses who are seeking the Intervention Specialist license in Mild/Moderate Educational Needs. Integrated content methods and accommodations in reading/language arts, math, science/health, and social studies are explored.

EDU 542 TEACHING READING IN THE CONTENT AREAS 3 credit hours

Required of all mild/moderate educational needs candidates

This course is an in-depth analysis of content area materials and the content area strategies candidates will assess. Students will study issues and trends in content area reading instruction. (25 hours of field experience required for **License+Master's** candidates only.)

EDU 563 SEMINAR/TOPICS IN MILD/MODERATE EDUCATIONAL NEEDS 2 credit hours

Prerequisites: EDU 573, 574

Leadership, legal issues, and communication with parents and other professionals are among the topics designed to give candidates the opportunity for personal growth and confidence to become effective leaders in the educational settings.

EDU 573 EDUCATION OF CHILDREN WITH SPECIAL NEEDS 2 credit hours

Required of all Mild/Moderate Educational Needs candidates. Prerequisite: May be taken concurrently with EDU 574

This is a survey course designed to introduce the candidates to characteristics of learners with special learning, physical, and emotional needs. Public laws, court cases, teaching and accommodations strategies will be explored as they relate to trends in reaching students having disabilities, gifts and talents, and diverse cultural needs both in special education and in inclusive K–12 settings. (15 hours of field experience required)

EDU 574 INTRODUCTION TO STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS 3 credit hours

Required of all Mild/Moderate Educational Needs candidates. Prerequisite: May be taken concurrently with EDU 573

This course is a study of historical and current definitions, characteristics, and needs of students with mild/moderate educational needs, and how they change through their lifespan. Focus is on academic, behavioral, and social assessment and interventions based on current research and practices in various settings, including resource and inclusive, co-teaching models. Included will be exercises in reading Evaluation Team Reports and writing Individual Education Plans.

EDU 576 BEHAVIOR MANAGEMENT FOR STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS 2 credit hours

Required of all Mild/Moderate Educational Needs candidates. Prerequisites: EDU 573, 574

This course is a study of classroom management approaches including behaviorists, psychodynamic, environmental, and biophysical models along with their legal and ethical implications. Baseline data collection, token economics, contracts and certificates, group processes, medical interventions, and classroom arrangements are discussed, as well as ways to communicate with parents and colleagues. Includes exercises in writing Individual Education Plans. (5 hours field experience, 10 hours clinical experience required.)

EDU 577 ASSESSMENT & REMEDIATION STRATEGIES FOR STUDENTS WITH MILD/MODERATE EDUCATIONAL NEEDS 3 credit hours

Required of all Mild/Moderate Educational Needs candidates. Prerequisites: EDU 573, 574, 576. May be taken concurrently with EDU 576

This course is a study of the use of formal and informal diagnostic instruments used for planning individual instruction. Includes authentic, portfolio, curriculum-based, performance, and alternative assessment as well as standardized tests. Procedures for using such information for placement decisions and on I.E.P.'s are discussed. Methods and materials used to teach these individuals (ages 5-21) are examined.

EDU 578 STUDENT TEACHING -MILD/MODERATE EDUCATIONAL NEEDS (Ages 5-21) 5 credit hours

Prerequisites: All Methods and Mild/Moderate Educational Needs Courses. Required of all License+Master's candidates.

This course is designed for candidates who are not participating in the summer practicum, who have done their regular education student teaching. This experience would be 1/2 semester in length.

EDU 579 PRACTICUM IN MILD/MODERATE EDUCATIONAL NEEDS 4 credit hours

Prerequisites: All Mild/Moderate Educational Needs Courses

Guided teaching of students with mild/moderate educational needs in a supervised setting during the summer. (75 hours clinical experience required.)

Pre-Administration

EDU 513 LIBERAL ARTS ENRICHMENT: POLITICS AND ECONOMICS 3 credit hours

Required of all administration candidates.

This course is an in-depth study of the political and economic structures as they affect the educational process focusing on federal, state and local levels of government.

EDU 552 GENERAL SUPERVISION AND PROFESSIONAL DEVELOPMENT 3 credit hours

Required of all administration candidates.

This course is a study of the underlying principles of the teaching-learning process with emphasis given to methods of evaluation regarding the teaching act. All levels (K–12) will be taken into consideration.

Candidates will study and evaluate professional development for classroom teachers and staff relations.

EDU 553 THE SCHOOL CURRICULUM/INSTRUCTION 3 credit hours

Required of all administration candidates.

This course is a study of curriculum theory and program development, with emphasis on current practices and procedures. Emphasis will be on curriculum theory and development, curriculum assessment, diagnosis of learner needs and instructional strategies. Integrated curriculum, national and state reform movements, standards, and the needs of special students will also be explored.

EDU 554 PUPIL PERSONNEL SERVICES 3 credit hours

Required of all administration candidates.

A study of pupil personnel services in today's schools. Emphasis will be placed on the function, purpose and influence these services have on counselors, administrators, teachers, students and parents. Pupil performance and assessment will be studied. Community resources including social agencies will be examined.

EDU 555 PRINCIPLES OF SCHOOL ADMINISTRATION 3 credit hours

Required of all administration candidates.

This course will analyze theories of early childhood, middle, secondary and alternative school administration, including practical applications. Leadership theory and practice will be studied, as well as the administrative skills needed in today's diverse school environments. Management leadership will be covered as well as community dynamics and human, community, and public relations.

EDU 556 STRATEGIC PLANNING AND EVALUATION 3 credit hours

Required of all administration candidates.

This course is an in-depth study of policy planning, short and long-range goal setting, evaluation of school programs and pupil achievement. Public relations, grant writing and other funding sources will be studied.

EDU 557 INTERNSHIP FOR PRE-ADMINISTRATION 3 credit hours

Required of all administration candidates. Prerequisites: A substantial portion of the sequence in pre-administration and approval of the Director of the Graduate Program.

This is a cooperatively planned, supervisory field experience in selected school districts. The individualized experience will also serve as an introduction to the role of the school administrator.

Application for internship must be filed in the Division of Education office.

Post-Masters - Administration

EDU 590 ADVANCED PRINCIPLES OF MANAGEMENT LEADERSHIP 3 credit hours

Prerequisites: EDU 555; Required of all administration candidates.

This course is a continuation of Principles of School Administration. Special topics will include conflict resolution and interpersonal relations in a diverse society, the uses of computer technology in administration, public relations, buildings and grounds, cultural diversity and stress management. Special emphasis will be placed on partnership building and collaboration.

EDU 591 SCHOOL LAW/GOVERNANCE 3 credit hours

Required of all administration candidates.

This course is a study of constitutional issues related to schools emphasizing major court cases and rights of individuals and groups. The law will be studied as it relates to staff personnel services, staff

evaluation, employer-employee relations, collective bargaining, contract management and student affairs. School and state laws and regulations will be covered.

EDU 592 SCHOOL FINANCE/BUSINESS MANAGEMENT 3 credit hours

Required of all administration candidates.

This course is a study of finance including Ohio law as well as general financial considerations for all levels of school administration including preparation and implementation of budgets and funding alternatives.

EDU 593 INTERNSHIP FOR ADMINISTRATORS 3 credit hours

Required of all administration candidates.

This experience is designed for candidates who have a substantial portion of the post masters program completed. An administrative field experience in selected school districts will be cooperatively designed. Internship will be individualized according to licensure requirements for each individual.

Application for internship must be filed in the Division of Education office.

Educational Technology

EDU 514 INSTRUCTIONAL TECHNOLOGY 3 credit hours

Required of all candidates.

Candidates will be introduced to the multitude of issues that impact the uses of technology, the role of technological innovations, and the opportunities presented by technology in the teaching and learning environment. Candidates will design instructional strategies to integrate technology into the curriculum, author a faculty/staff development program, create a technological strategic plan, and apply problem-solving strategies in instructional settings. Grant writing and distance learning may be investigated.

EDU 516 TECHNOLOGY INTEGRATION: MULTIMEDIA AND INSTRUCTIONAL DESIGN 4 credit hours

Prerequisite: EDU 514

The focal point of this course is the integration of technology through the use of multimedia as a method to address students' learning styles. Some topics to be discussed in human-computer interaction are user-centered design, social aspects of computing, computer-supported cooperative work and creative and effective educational design of multimedia. Candidates will be actively involved in web page creation and CD-ROM technology by creating a student portfolio. This course develops instructional systems design competencies appropriate for the development of computer-assisted instruction applications. Web-based and interactive video classroom modeling will be an integral part of the course as well as field application.

EDU 517 TECHNICAL ISSUES IN EDUCATIONAL TECHNOLOGY - PLANNING AND IMPLEMENTATION 4 credit hours

Prerequisite: EDU 514

This course provides candidates with the technical issues facing technology-rich school environments. Topics to be dealt with in the course are classroom technology maintenance, basic computer workings, simple programming, understanding the school building and district network systems and the emerging role of interactive video systems on the classroom learning environment. The student will develop programming to provide training for school personnel in the many facets of technology applications and enrichment. Web-based and interactive video classroom modeling will be an integral part of the course as well as field application.

EDU 518 EMERGING ON-LINE CLASSROOM: WEB-BASED CLASSROOM AND INTERACTIVE VIDEO 4 credit hours

Prerequisite: EDU 514

This course investigates the many technological tools and methodologies of web-based and interactive video based classroom education. Topics such as two-way and four-way video teleconference courses, electronic field trips in the classroom, desktop video-conferencing, simulation education, web-based synchronous and asynchronous educational tools, and virtual school on the worldwide web. Web-based and interactive video classroom modeling will be an integral part of the course as well as field application.

EDU 519 ISSUES IN EDUCATIONAL TECHNOLOGY

4 credit hours

Prerequisites: EDU 514, 516, 517, 518

A culminating experience in educational technology that integrates and extends the content of other specialization courses. Some topics to be covered are computer privacy, censorship, online assessment, assistive technology, copyright, emerging technologies, ethics and grantsmanship. Web-based and interactive video classroom modeling will be an integral part of the course as well as field applications. Topics will vary with terms.

Optional Courses

EDU 563 SEMINAR

Course offerings in special areas of concentration as needed and proposed—possible topics: reading, school administration, mild/moderate educational needs, middle school, technology.

EDU 565 WORKSHOP

Topics to be announced. May be used for renewing certification.

MASTER OF BUSINESS ADMINISTRATION

The Master of Business Administration Program is designed for working individuals who already possess a Bachelor's degree and have embarked upon a business career. The program is built upon a systematic approach to leadership and management and uniquely combines the teaching of business theory and its practical application with the day-to-day work experience of the student.

Curriculum

The MBA program includes a minimum of 40 credit hours of course work, not including any required foundation courses. Classes are offered weeknights during three semesters in the calendar year. Participants can complete the sequence of 12 core classes and four hours of elective seminars in two years if they choose, but the pace at which students proceed through the curriculum is flexible so as to accommodate individual student needs. Each core class meets one evening per week for 12 weeks for a period of three hours and 10 minutes. The elective seminars typically meet for three hours and ten minutes one night per week over a three week term. The three-week terms for elective seminars are scheduled at the start of the Fall and Spring semesters prior to the commencement of the 12-week core class schedule.

Location

MBA classes are held on the Baldwin-Wallace College campus in Berea, Ohio. Classes are usually held in Kamm Hall with immediately adjacent available parking. MBA classes are also offered at the College's facility in Beachwood, Ohio.

Requirements for Admission

The central concern of the admission process is to identify and select individuals who will be successful in the program. Therefore, all available relevant information concerning the candidate's background, including academic accomplishments, work experience and community involvement will be considered. All candidates are strongly encouraged to meet with the MBA Program Director as early as possible to discuss their interests and qualifications and the options available to them at Baldwin-Wallace. The admission process includes the following:

- A Bachelor's degree in any field from an accredited institution and submission of official transcripts of previous academic work.
- Relevant work experience, usually two-years.
- An interview with the Program Director is recommended for all candidates.
- An acceptable score on the Graduate Management Admission Test (GMAT) is required of all candidates. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
- A completed application either in hard copy or on-line.
- Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to successfully undertake a challenging program of graduate study.
- A current brief resume focused on career and professional development and accomplishments in addition to leadership experiences in both work and community activities.

Final approval for admission to the program will rest with the MBA Program Admission Committee.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

MBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

International Students

It shall be the responsibility of each international student to ensure that their course schedules and program requirements are in total compliance with all BCIS (Bureau of Citizenship and Immigration Services) regulations. Each international student must maintain full time status unless given prior authorization by a DSO (Designated School Official). A DSO is different from your faculty academic advisor. Any international student that desires to participate in Optional Practical Training must submit their OPT application before the completion date of their course of study. All international students are strongly encouraged to submit their applications for OPT as early as possible during their final semester. Please direct your questions to the IMBA Program Coordinator.

Degree Requirements

The student must meet the following for the Master of Business Administration degree:

- Successfully complete any required foundation courses, the sequenced core curriculum, and four hours of elective seminars (minimum of 40 credit hours);
- Attain at least a 3.0 grade point average in total work attempted in the MBA program and a 3.0 grade point average in the 12 core courses of the program.
- Complete all degree requirements within four calendar years of initial registration unless a time extension is granted, in writing, upon petition to the Program Director.

Transfer Credit

Only six credit hours are transferable for credit from another institution. Transfer credit is awarded when:

- the requested credit is an equivalent graduate-level course from an MBA program;
- the student was enrolled as a graduate student when the course was taken;
- the course was graded "A" or "B";
- the course content is compatible with the MBA program at Baldwin-Wallace College

(determination of credit is made jointly by the Registrar and the director of the program); and

- the credit has not been counted toward an earned degree.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition
5th through 8th Week	25% of full tuition

Seminar in Management refund schedule:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	50% of full tuition
2nd Week	25% of full tuition
3rd Week	no refund

Master of Business Administration Course Descriptions

Foundation Course Descriptions

The following courses provide a foundation for the MBA program for individuals with limited business training. The department suggests that students discuss their academic background with the Director of the program prior to making a decision to enroll in any of these classes. These courses are three semester credit hours but do not count toward the MBA degree requirement.

BUS 500A FINANCIAL ACCOUNTING *Three credit hours*

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS *Three credit hours*

A course for individuals who have a limited background in computer skills and algebraic techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

**BUS 500R BUSINESS RESEARCH AND WRITING FOR
ACADEMIC AND CAREER SUCCESS *Three credit hours***

ELECTIVE SEMINARS

Elective seminars will be offered during a three-week term in the Fall and Spring semesters. These seminars will cover topics of current interest or provide in-depth coverage of selected topics from the core courses. The majority of the seminars will be assigned one semester hour of credit and will meet for three hours and ten minutes one night per week for a three-week period. Seminars will occasionally be given greater credit because of required travel, more class-time, or extensive out-of-class assignments. Seminars will not be offered during the summer.

Core Course Descriptions

A logical progressive sequence is followed in the course offerings. Because of the general systems approach, it is necessary for the student to follow the sequence as outlined. Students may not go out of sequence or take more than two evening courses in any semester without the approval of the director of the MBA program. Required courses are three credit hours each, and the sequence of presentation is as follows:

**BUS 501 SYSTEMS MANAGEMENT & ORGANIZATIONAL
THEORY *Three credit hours***

This course focuses on general systems concepts and the systems management approach to organizations. Students acquire a greater understanding of the interdependence of and interrelationships between elements of a system and its environment. Selected organizational and managerial issues or problems are diagnosed from a system and organizational theory perspective, and solutions are developed that reflect a systemic outlook. Opportunities are provided for applying systems thinking to the students own career or work situation.

BUS 509 ORGANIZATIONAL BEHAVIOR *Three credit hours*

This course provides an analysis of behavioral science approaches to organizations stressing the implications of theoretical concepts on managerial practice. Topics include functions and dysfunctions of bureaucracy, individual needs and organization requirements, group processes, and organizations as systems. Basic concepts used to study special topics are conflict management, leadership, communications, and organizational change and development.

BUS 524 MANAGEMENT SCIENCE/COMPUTER MODELS *Three credit hours*

This course expands the general managers knowledge of the computer models necessary to deal with the complex relationships making up an integrated system. Linear regression, forecasting/time series, linear programming, simulation, and probabilistic decision models are studied. The emphasis is on the description of common management problems in terms of these models, the solution of such models, and the analysis of the results for making decisions from a systems perspective.

BUS 545 FINANCIAL MANAGEMENT *Three credit hours*

Working capital management, investment decisions, cost of capital, and long-term financial decisions are the focus of this course. The method of presentation takes account of theory, application, and integration into the general systems approach.

BUS 548 ACCOUNTING AND FINANCE MANAGEMENT *Three credit hours*

This course is a study of accounting information for managerial decision-making. Emphasis is on cost accounting applied to management models including product pricing, job-order costing, cost-volume-profit analysis, profit planning, and budgets.

BUS 551 MARKETING AND MARKETING INFORMATION SYSTEMS *Three credit hours*

This course focuses on problems of the marketing manager in the measurement of marketing opportunities and the allocation of marketing resources. A variety of strategic and tactical subjects with which marketing management must deal to maintain effective marketing operations are developed in this class. Examples include the marketing concept, buyer behavior, product decisions, promotional decisions, pricing policy, channel management, and building an MIS program. Emphasis is on problems confronting managers and analysis techniques using computers and information systems.

BUS 581 MACROECONOMICS FOR MANAGEMENT *Three credit hours*

This course helps participants develop skill in understanding the operation of the United States economy, anticipating the impacts to government policies and other influences on the economy, and understanding the influence of the economy on the individual firm.

BUS 600 POWER, ETHICS, AND SOCIETY *Three credit hours*

This course examines the social, ethical, and leadership responsibilities of systems managers in relation to the stakeholders affected by managerial decisions-especially customers, the work force, shareholders, and society (including government). Students examine the acquisition and use of power inside and outside the organization through contemporary cases.

BUS 624 OPERATIONS ANALYSIS *Three credit hours*

This course deals with production and operational subsystems from the perspective of general and operations management. Operations analysis tools and methodology are presented in detail to assist in designing, planning, and controlling manufacturing and service operations. This course includes analysis and application of statistical quality control, PERT/CPM, inventory control, MRP, Monte Carlo simulations, as well as models developed in BUS 524.

BUS 625 MULTINATIONAL CORPORATIONS & INTERNATIONAL TRADE *Three credit hours*

This course provides a systematic presentation of the multinational enterprise as the dominant privately owned institution in international trade and investment. Political and economic dimensions of international trade as related to the multinational enterprise are considered. The course is presented in three parts: theory, policy, and enterprise.

BUS 632 INFORMATION SYSTEMS FOR MANAGEMENT *Three credit hours*

This course establishes a basic understanding for developing management information systems that provide reliable and valid information for managers of diverse functions. In addition, the course includes computer- and non-computer-based case histories. A review of corporate structure in a traditional organization and the impact of the design of information systems on the corporate structure and its subsystems are the main thrust of this course.

BUS 670 MANAGEMENT POLICY & SYSTEMS ANALYSIS *Three credit hours*

This course provides students with the opportunity to solve complex top management problems by integrating the theoretical and practical knowledge acquired in previous courses.

MASTER OF BUSINESS ADMINISTRATION IN ACCOUNTING

The Master in Business Administration in Accounting Program (AMBA) is designed both for B-W undergraduate students who want to earn a joint BA/MBA degree and for those who already possess a Bachelor's degree and would like to enhance their financial management skills or meet the educational requirements to sit for the CPA examination in Ohio. The AMBA Program provides both the technical accounting and financial management skills and broad functional business background necessary to succeed in a challenging financial management career. The program is unique in that it contains an entire course on ethical issues in business and society and a capstone course in controllership. All courses are taught by faculty having the appropriate academic credentials, real world on-the-job experience, and professional certification where appropriate. Courses are based on the systematic approach to leadership and management, and uniquely combine the teaching of business theory and its practical application to the day-to-day work environment facing the student.

Curriculum

The AMBA program requires 36 credit hours of coursework, not including any required foundation courses. The 36 credit hours include a 15 credit hour core, an 18 credit hour elective portion, and a three credit hour capstone course in controllership. Classes are offered both during the day and weeknights during three semesters in the calendar year. Full-time participants can complete the sequence of 12 core classes in one calendar year. However, the pace at which students proceed through the curriculum is flexible so as to accommodate individual student needs. Each core class and the capstone controllership class meet one evening per week for 12 weeks for a period of three hours and 10 minutes. The elective courses may meet two or three times a week during the day or meet one night per week over a 15 week term during the fall or spring semester.

Foundation Requirements:

Principles of Financial and Managerial Accounting
Intermediate Accounting I and II
Corporate (Managerial) Finance
Statistics
Auditing (can be taken as a program elective)

AMBA Core: 5 courses from either the current MBA or IMBA program:

BUS 501 Systems Management & Organizational Theory
BUS 650 International Financial Management

BUS 551 Marketing **OR**
BUS 630 International Marketing

BUS 600 Power, Ethics, & Society **OR**
BUS 660 The Political and Social Responsibilities of the MNC

BUS 624 Operations Analysis **OR**
BUS 652 Strategic Logistics Management

Electives: 6 courses chosen from the following:

- BUS 507 Federal Income Taxation
- BUS 508 Federal Taxation: Corporations, Partnerships, Estate and Trusts
- BUS 516 Cost Accounting & Analysis
- BUS 517 Financial Management
- BUS 518 Governmental and Nonprofit Accounting
- BUS 519 Auditing
- BUS 520 Accounting Systems
- BUS 521 Advanced Accounting
- BUS 528 Business Law
- BUS 555 Principles of Investments
- BUS 558 Business Communications
- BUS 563 Seminar (Topics may vary each year)

Capstone Course:

- BUS 680 Controllership

Location

MBA classes are held on the Baldwin-Wallace College campus in Berea, Ohio. Classes are usually held in Kamm Hall with immediately adjacent available parking.

Admission Requirements

The central concern of the admission process is to identify and select individuals who will be successful in the program. Therefore, all available relevant information concerning the candidate's background, including academic accomplishments, work experience and community involvement will be considered. All candidates are strongly encouraged to meet with the AMBA Program Director as early as possible to discuss their interests and qualifications and the options available to them at Baldwin-Wallace. The admission process includes the following:

- A Bachelor's degree in any field from an accredited institution and submission of official transcripts of previous academic work.
- Relevant work experience, usually two-years.
- An interview with the Program Director is recommended for all candidates.
- An acceptable score on the Graduate Management Admission Test (GMAT) is required of all candidates. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
- A completed application either in hard copy or on-line.
- Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to successfully undertake a challenging program of graduate study.
- A current brief resume focused on career and professional development and accomplishments in addition to leadership experiences in both work and community activities.

Final approval for admission to the program will rest with the MBA Program Admission Committee.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

MBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

International Students

It shall be the responsibility of each international student to ensure that their course schedules and program requirements are in total compliance with all BCIS (Bureau of Citizenship and Immigration Services) regulations. Each international student must maintain full time status unless given prior authorization by a DSO (Designated School Official). A DSO is different from your faculty academic advisor. Any international student that desires to participate in Optional Practical Training must submit their OPT application before the completion date of their course of study. All international students are strongly encouraged to submit their applications for OPT as early as possible during their final semester. Please direct your questions to the IMBA Program Coordinator.

Degree Requirements

The student must meet the following for the Master of Business Administration in Accounting degree:

- Successfully complete any required foundation courses, the AMBA core curriculum, six elective courses and the capstone controllership course;
- Attain at least a 3.0 grade point average in total work attempted in the AMBA program (including foundation courses) and a 3.0 grade point average in the 12 courses of the 36 credit hour AMBA program.
- Complete all degree requirements within four calendar years of initial registration unless a time extension is granted, in writing, upon petition to the Program Director.

Transfer Credit

Only six credit hours are transferable for credit from another institution. Transfer credit is awarded when:

- the requested credit is an equivalent graduate-level course from an MBA program;
- the student was enrolled as a graduate student when the course was taken;
- the course was graded "A" or "B";
- the course content is compatible with the MBA program at Baldwin-Wallace College (determination of credit is made jointly by the Registrar and the director of the program); and
- the credit has not been counted toward an earned degree.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition
5th through 8th Week	25% of full tuition

Master of Business Administration in Accounting

Course Descriptions

Core courses

BUS 501 SYSTEMS MANAGEMENT & ORGANIZATIONAL THEORY *Three credit hours*

This course focuses on general systems concepts and the systems management approach to organizations. Students acquire a greater understanding of the interdependence of and interrelationships between elements of a system and its environment. Selected organizational and managerial issues or problems are diagnosed from a system and organizational theory perspective, and solutions are developed that reflect a systemic outlook. Opportunities are provided for applying systems thinking to the students own career or work situation..

BUS 551 MARKETING AND MARKETING INFORMATION SYSTEMS *Three credit hours*

This course focuses on problems of the marketing manager in the measurement of marketing opportunities and the allocation of marketing resources. A variety of strategic and tactical subjects with which marketing management must deal to maintain effective marketing operations are developed in this class. Examples include the marketing concept, buyer behavior, product decisions, promotional decisions, pricing policy, channel management, and building an MIS program. Emphasis is on problems confronting managers and analysis techniques using computers and information systems.

BUS 600 POWER, ETHICS, AND SOCIETY *Three credit hours*

This course examines the social, ethical, and leadership responsibilities of systems managers in relation to the stakeholders affected by managerial decisions-especially customers, the work force, shareholders, and society (including government). Students examine the acquisition and use of power inside and outside the organization through contemporary cases.

BUS 624 OPERATIONS ANALYSIS *Three credit hours*

This course deals with production and operational subsystems from the perspective of general and operations management. Operations analysis tools and methodology are presented in detail to assist in designing, planning, and controlling manufacturing and service operations. This course includes analysis and application of statistical quality control, PERT/CPM, inventory control, MRP, Monte Carlo simulations, as well as models developed in BUS 524.

BUS 630 INTERNATIONAL MARKETING STRATEGY *Three credit hours*

The emphasis in this course is on developing international marketing strategies. Alternatives in product, pricing, promotion, and distribution strategies are discussed. Case studies are used extensively.

BUS 650 INTERNATIONAL FINANCIAL MANAGEMENT *Three credit hours*

The traditional areas of corporate finance are studied from the perspective of decisions peculiar to a global corporation. These perspectives include dealing with multiple currencies, frequent exchange rate changes, differing rates of inflation, multiple money markets, segmented capital markets, constraints on ownership and the return of invested capital and earnings, and political risks of expropriation, nationalization, or counter- trade arrangements.

BUS 652 STRATEGIC LOGISTICS MANAGEMENT *Three credit hours*

This course is a study of strategic problems including exporting and importing procedures, insurance, documentary credit, statistical quality control, ISO 9000, benchmarking, and international transportation.

Electives

BUS 507 FEDERAL INCOME TAXATION

Three credit hours

A study of the federal income tax law, US Treasury regulations and IRS revenue rulings and court cases. A major emphasis of the course will be tax avoidance for the individual through tax planning. There will be a detailed study of actual personal federal tax forms and ethics will be stressed.

BUS 508 FEDERAL TAXATION: CORPORATIONS, PARTNERSHIPS, ESTATE AND TRUSTS

Three credit hours

This course is a study of current federal tax laws applicable to corporations, partnerships, estates and trusts. Tax reporting, planning and research are an integral part of this study.

BUS 516 COST ACCOUNTING AND ANALYSIS

Three credit hours

A course which surveys the accounting requirements of internal organizational management with particular attention devoted to the costs capitalized in inventory. Defines and illustrates job order costing, process costing, standard costing, direct costing, cost-volume profit analysis, activity-based costing, budgeting, and control of decentralized operations.

BUS 517 FINANCIAL MANAGEMENT

Three credit hours

An advanced course covering selected topics in financial management such as financial analysis, forecasting, working capital management, capital budgeting, long-term financing, the cost of capital and dividend policies.

BUS 518 GOVERNMENTAL AND NONPROFIT ACCOUNTING

Three credit hours

This course deals with financial accounting and reporting concepts, standards, and procedures applicable to:

1. state and local governments-including counties, cities, and school districts, as well as townships, villages, other special districts, and public authorities
2. the federal government; and
3. nonprofit and governmental universities, hospitals, voluntary health and welfare organizations, and other nonprofit (or not-for-profit) organizations.

Financial management and accountability considerations peculiar to government and nonprofit (G&NP) organizations are emphasized, and the distinctive aspects of auditing G&NP organizations are discussed.

BUS 519 PRINCIPLES OF AUDITING

Three credit hours

This course emphasizes auditing concepts and applications that enable students to understand the philosophy and environment in public accounting ethics, auditing standards, opinions on the financial statements.

BUS 520 ACCOUNTING SYSTEMS

Three credit hours

A survey of information technology and its application to accounting issues. Students will solve problems using electronic spreadsheets, word processors, and the internet. Students will develop an understanding of the information gathering, data accumulation and reporting requirements of various accounting software programs.

BUS 521 ADVANCED ACCOUNTING

Three credit hours

A course dealing with special problems in accounting for business combinations and mergers. Students will be exposed to the different methods of accounting for investments on the books of the parent company. They will develop an understanding of the consolidation procedures that deal with the issues of the noncontrolling interests, intercompany sales, intercompany debt, ownership patterns, and income taxes. In addition, the related topics of business segment reporting, and foreign currency translation will be examined.

BUS 528 BUSINESS LAW

Three credit hours

A study of law applicable to commercial transactions, property, debtor and creditor relationships as well as wills and trusts. Recommended for accounting emphasis.

BUS 555 PRINCIPLES OF INVESTMENTS

Three credit hours

This course emphasizes techniques of security analysis, evaluation of portfolios and investment strategies including the use of derivatives.

BUS 558 BUSINESS COMMUNICATIONS

Three credit hours

A course designed to improve the students command of the English language in typical business writing, with analysis and writing of various types of business letters, and study of report writing, including collecting data, organization of material, writing style and various uses of reports in business and industry.

BUS 563 SEMINAR

Three credit hours

This course will be offered as needed to cover topics of interest, e.g., Financial Statement Analysis, Fraud Examination, etc. It is also available to any student wanting to study an accounting or finance elective topic at a more advanced level or for studying an accounting or finance topic that is not currently offered in the curriculum. It may be taken more than once for credit provided the subject matter is different.

Capstone

BUS 680 CONTROLLERSHIP

Three credit hours

An integrative course that examines the current issues facing today's financial managers. Students will learn how the various accounting sub-specialties and other business functional areas interact and affect both short- and long-term business decisions.

MASTER OF BUSINESS ADMINISTRATION IN ENTREPRENEURSHIP

The Master of Business Administration in Entrepreneurship is a program designed for individuals interested in developing their entrepreneurial potential. In today's business environment it is essential for leaders to focus on innovative value-based solutions, to develop their creative problem-solving skills and to perceive change as an opportunity. Individuals leading a small, privately held firm, a nonprofit organization or individuals working in larger public corporations will benefit from developing their entrepreneurial leadership abilities.

Students will learn...and experience...entrepreneurship. Through field studies, personal interviews with successful entrepreneurs and acting as consultants to individuals creating new ventures, students apply entrepreneurial thinking. The curriculum, developed in collaboration with successful entrepreneurs and business leaders, is taught with Baldwin-Wallace College's distinctive combination of theory and practical application.

Academic Calendar

The MBA program is designed so that participants can complete the sequence of 12 core and four credit hours of field experiences and seminars in two years (two core courses per semester for six consecutive semesters plus four hours of elective seminars), but the pace at which students proceed through the curriculum is flexible to accommodate individual needs. The core courses run one evening per week, for 12 weeks. Each class meeting is three hours and 10 minutes in duration. The three-week terms for elective seminars are offered in the Fall and Spring semesters.

Location

MBA classes are held on the Baldwin-Wallace College campus in Berea, Ohio. Classes are usually held in Kamm Hall with immediately adjacent available parking.

Requirements for Admission

The central concern of the admission process is to identify and select individuals who will be successful in the program. Therefore, all available relevant information concerning the candidate's background, including academic accomplishments, work experience and community involvement will be considered. All candidates are strongly encouraged to meet with the MBA Program Director as early as possible to discuss their interests and qualifications and the options available to them at Baldwin-Wallace. The admission process includes the following:

- A Bachelor's degree in any field from an accredited institution and submission of official transcripts of previous academic work.
- Relevant work experience, usually two-years.
- An interview with the Program Director is recommended for all candidates.
- An acceptable score on the Graduate Management Admission Test (GMAT) is required of all candidates. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
- A completed application either in hard copy or on-line.
- Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to successfully undertake a challenging program of graduate study.
- A current brief resume focused on career and professional development and accomplishments in addition to leadership experiences in both work and community activities.

Final approval for admission to the program will rest with the MBA Program Admission Committee.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

MBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

Degree Requirements

The student must meet the following for the Master of Business Administration degree:

- Successfully complete any required foundation courses, the sequenced core curriculum, and four hours of elective seminars (minimum of 40 credit hours);
- Attain at least a 3.0 grade point average in total work attempted in the MBA program and a 3.0 grade point average in the 12 core courses of the program.
- Complete all degree requirements within four calendar years of initial registration unless a time extension is granted, in writing, upon petition to the Program Director.

Transfer Credit

Only six credit hours are transferable for credit from another institution. Transfer credit is awarded when:

- the requested credit is an equivalent graduate-level course from an MBA program;
- the student was enrolled as a graduate student when the course was taken;
- the course was graded "A" or "B";
- the course content is compatible with the MBA program at Baldwin-Wallace College (determination of credit is made jointly by the Registrar and the director of the program); and
- the credit has not been counted toward an earned degree.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition
5th through 8th Week	25% of full tuition

Seminar in Management refund schedule:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	50% of full tuition
2nd Week	25% of full tuition
3rd Week	no refund

Master in Business Administration in Entrepreneurship

Course Descriptions

Foundation Course Descriptions

The following courses provide a foundation for this MBA program for individuals with limited business training. The department suggests that students discuss their academic background with the Director of the program prior to making a decision to enroll in any of these classes. These courses are three semester credit hours but do not count toward the Entrepreneurial MBA degree requirement.

BUS 500A FINANCIAL ACCOUNTING *Three credit hours*

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS *Three credit hours*

A course for individuals who have a limited background in computer skills and algebraic techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

**BUS 500R BUSINESS RESEARCH AND WRITING FOR *Three credit hours*
ACADEMIC AND CAREER SUCCESS**

An introduction to current business research sources and techniques, as well as individual and group writing procedures for business or graduate studies in business administration. Emphasis is given to ethical and legal concerns in research and writing.

Core Course Descriptions

A logical progressive sequence is followed in the course offerings. Because of the general systems approach, it is necessary for the student to follow the sequence as outlined. Students may not go out of sequence or take more than two evening courses in any semester without the approval of the director of the MBA program. Required courses are three credit hours each, and the sequence of presentation is as follows:

**BUS 501 SYSTEMS MANAGEMENT & *Three credit hours*
ORGANIZATIONAL THEORY**

This course focuses on general systems concepts and the systems management approach to organizations. Students acquire a greater understanding of the interdependence of and interrelationships between elements of a system and its environment. Selected organizational and managerial issues or problems are diagnosed from a system and organizational theory perspective, and solutions are developed that reflect a systemic outlook. Opportunities are provided for applying systems thinking to the students own career or work situation.

BUS 509 ORGANIZATIONAL BEHAVIOR *Three credit hours*

This course provides an analysis of behavioral science approaches to organizations stressing the implications of theoretical concepts on managerial practice. Topics include functions and dysfunctions of bureaucracy, individual needs and organization requirements, group processes, and organizations as systems. Basic concepts used to study special topics are conflict management, leadership, communications, and organizational change and development.

BUS 524 **MANAGEMENT SCIENCE/COMPUTER MODELS** *Three credit hours*

This course expands the general managers knowledge of the computer models necessary to deal with the complex relationships making up an integrated system. Linear regression, forecasting/time series, linear programming, simulation, and probabilistic decision models are studied. The emphasis is on the description of common management problems in terms of these models, the solution of such models, and the analysis of the results for making decisions from a systems perspective.

BUS 545E **ENTREPRENEURIAL FINANCE** *Three credit hours*

Working capital management, cash flow analysis, investment decisions, cost of capital, traditional and non-traditional sources of capital and long-term financial decisions are the focus of this course. The method of presentation takes account of theory, application and integration into the general systems approach.

BUS 548 **ACCOUNTING AND FINANCE MANAGEMENT** *Three credit hours*

This course is a study of accounting information for managerial decision-making. Emphasis is on cost accounting applied to management models including product pricing, job-order costing, cost-volume-profit analysis, profit planning, and budgets.

BUS 551E **ENTREPRENEURIAL MARKETING** *Three credit hours*

This course focuses on methods of achieving marketing objectives in spite of limited resources. A variety of strategic and tactical subjects with which entrepreneurs must deal to maintain effective marketing operations are developed in this class. Examples include the marketing concept, developing a competitive distinction, understanding buyer behavior, channel management, pricing policy and building a supporting information system.

BUS 581 **MACROECONOMICS FOR MANAGEMENT** *Three credit hours*

This course helps participants develop skill in understanding the operation of the United States economy, anticipating the impacts to government policies and other influences on the economy, and understanding the influence of the economy on the individual firm.

BUS 600 **POWER, ETHICS, AND SOCIETY** *Three credit hours*

This course examines the social, ethical, and leadership responsibilities of systems managers in relation to the stakeholders affected by managerial decisions-especially customers, the work force, shareholders, and society (including government). Students examine the acquisition and use of power inside and outside the organization through contemporary cases.

BUS 624E **MANAGING BUSINESS OPERATIONS** *Three credit hours*

This course deals with systems and models that enable the entrepreneur to maximize their business operating environment. Operations analysis tools and methodology are presented in detail to assist in designing, planning, and controlling operations. The course includes analysis and application of inventory models, Microsoft project management, forecasting, feasibility studies and cost benefit analysis.

BUS 625E **CREATING A BUSINESS PLAN** *Three credit hours*

The course will analyze how a business plan can be an indispensable management tool that provides the foundation for growth that is achieved by starting a new venture, expansion of a product line or acquiring an existing business. A comprehensive business plan will be developed and presented to a panel of business executives and entrepreneurs.

BUS 632E **DEPLOYING INFORMATION TECHNOLOGY FOR COMPETITIVE ADVANTAGE** *Three credit hours*

This course establishes a basic capacity for developing management information systems that provide reliable and valid information for managers of diverse functions. Content focuses on using information technology to improve customer service, improve rational thinking and decision-making, establishing pricing methodologies and creating internet distribution channels.

BUS 670E MANAGING A GROWING BUSINESS *Three credit hours*

The course provides students with the opportunity to solve complex problems by integrating the theoretical and practical knowledge acquired in previous courses. Issues related to managing a growing company will be analyzed. Topics include those related to changing organizational structures, measuring economic performance, developing management control systems and the changing role of the entrepreneur.

Experiential Learning Seminars

ENTREPRENEURIAL IMMERSION *One credit hour*

This seminar immerses the individual in the entrepreneurial experience by exposing students to practicing entrepreneurs. They will gain a firsthand awareness of the skills, knowledge and behaviors of successful entrepreneurs. Students will conduct an in-depth personal interview with an entrepreneur. Students will learn to see problems as opportunities and understand the various types of innovation. The range of options for capturing opportunities in spite of significant resource constraints and obstacles will be explored. This topical will be taught by an entrepreneur and a B-W faculty member.

ENTREPRENEURIAL FIELD STUDY *One credit hour*

Students will invest a minimum of nine hours working in an entrepreneurial firm experiencing the various roles, decision-making responsibilities and competencies the entrepreneur is required to perform in leading a small, dynamic organization. The student and a faculty advisor will agree on the specific learning objectives, action plans and methods of evaluating the experience.

BUSINESS PLAN CLINIC *One credit hour*

Students will assist the staff in the Clinic in reviewing business plans. Under the direction of experienced students, faculty and an entrepreneur, students will learn the components of a business plan, conduct research to assess new opportunities and communicate with entrepreneurs developing their business plan. Through this experience, students will gain an awareness of the broad-based competencies required to function as an entrepreneur. They will apply a process for evaluating entrepreneurial opportunities while developing their analytical skills, critical thinking skills, written and oral communication skills.

ELECTIVE TOPICAL SEMINAR *One credit hour*

Students will select one elective topical seminar. Elective seminars will be offered during a three-week term in the Fall and Spring semesters. These seminars will cover topics of current interest or provide in-depth coverage of selected topics from the core courses.

MASTER OF BUSINESS ADMINISTRATION IN EXECUTIVE MANAGEMENT

Baldwin-Wallace College's Executive MBA (EMBA) program is designed for business executives who seek to obtain a formal graduate degree without interrupting their careers or interfering with weekday office or travel obligations. The program offers a value-based practical approach to developing a systematic understanding of management and strategy- keys to success for business executives in a rapidly changing global environment.

EMBA classes are offered on alternate weekends (except on occasions when avoiding holiday weekends forces sequential weekends) beginning at 2:00 P.M. on Friday and ending on Saturday at 3:30 P.M. This schedule, designed with a twofold purpose, leaves the intervening and holiday weekends unencumbered and solves the problems of executives whose full-time managerial responsibilities include heavy midweek commitments. The two-day schedule will enhance the opportunities for sharing experiences and building camaraderie among students.

Class sizes are small to promote communication among executives and faculty. The executive takes all of the required courses over a two-year period in an integrated "single track" curriculum. The courses are offered in two nine-weekend semesters per year. Two hours of elective seminars are required.

The schedule of classes for each alternate weekend is:

Friday

2:00 p.m. - 6:00 p.m.	Class
6:00 p.m. - 7:00 p.m.	Dinner
7:00 p.m. - 9:00 p.m.	Class

Saturday

7:30 a.m. - 8:30 a.m.	Breakfast
8:30 a.m. - 12:30 p.m.	Class
12:30 p.m.- 1:30 p.m.	Lunch
1:30 p.m.- 3:30 p.m.	Class

The Curriculum

Each academic year consists of two semesters with three courses in each semester. In the second year, BUS 765 and BUS 870 each meet for the entire year. The foundation and core courses are three semester hours each; most elective seminars are one semester hour each. The total requirement for completing the Executive M.B.A. is 38 semester hours - 12 three-hour courses and two hours of elective seminars. The sequence in which the core courses are scheduled is:

Semester I: Fall

- BUS 701 Organizational Theory & the Systems Approach to Management
- BUS 742 Information Systems: Management, Implementation, and Assimilation
- BUS 748 Financial Management

Semester II: Spring

BUS 705 Accountability of Financial Resources
BUS 711 Micro Organizational Behavior
BUS 747 Operations Management

Semester III: Fall

BUS 760 The Marketing Environment
BUS 765 Macro Organizational Behavior (one half)
BUS 771 The Economic System
BUS 870 Policy Formulation and Strategic Management (one half)

Semester IV: Spring

BUS 765 Macro Organizational Behavior (one half)
BUS 781 Global Strategic Management
BUS 800 Power and Ethics in the Management of Organizations
BUS 870 Policy Formulation and Strategic Management (one half)

During the second year, each EMBA team of usually 4-5 students will participate in a project involving strategic business consultation with an area company. This consulting activity is integrated into the classroom work of the second year curriculum.

Eligibility Requirements

The Executive MBA program is designed for mid-career executives. Participants are expected to have eight or more years of work experience and to be in a professional or managerial position. The admission process involves the following considerations:

1. A personal interview with the Director of the program during which past experience and accomplishments and potential for advancement and professional self-improvement are reviewed.
2. An undergraduate bachelor's degree in any field from an accredited institution. Applicants whose undergraduate degree is not in business may be required to take one or two foundation courses in the areas of accounting or quantitative methods prior to starting the program.
3. Evidence through letters of reference that the applicant is capable of graduate study in business and has the personal commitment and support of his organization necessary for successful completion of the program.
4. Approval of the Admission Committee based on the documentation in support of the above three criteria.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If

no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

EMBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the EMBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition

Seminar in Management refund schedule:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	50% of full tuition
2nd Week	25% of full tuition
3rd Week	no refund

Master in Business Administration in Executive Management Course Descriptions

Foundation Course Descriptions

The following courses provide a foundation for the EMBA program to individuals with limited business training. The department suggests that students discuss their academic background with the Director of the program prior to making a decision to enroll in any of these classes. These courses are three semester credit hours, but do not count toward the EMBA degree requirement.

BUS 500A FINANCIAL ACCOUNTING *Three credit hours*

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS *Three credit hours*

A course for individuals who have a limited background in algebraic and statistical techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

Core Course Descriptions

BUS 701 ORGANIZATIONAL THEORY & THE SYSTEMS APPROACH TO MANAGEMENT *Three credit hours*

This course introduces executives to the systems approach to management. It is an overview of the theories of general systems, systems-thinking, and the systems approach to management. Executives apply the systems approach to building systems models of the organizations represented in the class. These models provide an understanding of the interdependencies in a

variety of complex organizations and help managers learn to make more effective decisions for their organizations.

BUS 705 ACCOUNTABILITY OF FINANCIAL RESOURCES *Three credit hours*

This course emphasizes the use of the accounting system to provide decision-making information to the manager. Cost accounting data are applied to management models of the firm, especially those models dealing with alternative choice situations, such as pricing, factor and product combinations, and capital budgets. Financial principles and analysis are coupled with accounting data for specialized types of business situations requiring executive decisions. Case problems provide the basis for intensive study of the subject area.

BUS 711 INFORMATION SYSTEMS: MANAGEMENT, IMPLEMENTATION AND ASSIMILATION *Three credit hours*

An overview of contemporary information systems technology and management: computers, telecommunications, and Internet commerce. A principal goal includes understanding relevant issues of information services within the organization/firm, as well as within the industry. Focus is on the tension and tradeoffs of operational activities (implementation) and strategic vision (assimilation). The course is organized around a management audit of information services activities which includes an assessment of how and why organizations are organized, managed, and controlled relative to information generation and processing. Topics include information technology and competition; electronic commerce (Internet developments); information technology operations and management processes; technology partnerships, portfolios, and resources; transnational issues; and technology culture and learning factors.

BUS 742 MICRO-ORGANIZATIONAL BEHAVIOR *Three credit hours*

This micro-perspective on organizational behavior deals with the individual and small groups. Executives develop a basic conceptual understanding of the causes of behavior (theories of motivation, learning, perception, communication, personality, and decision-making) and develop tools with which to change behavior. Research findings, supporting the hypotheses and relationships among personal and environmental causes and behavioral outcomes, are integral to the course. This course has a strong experiential base and a heavy emphasis on process.

BUS 747 OPERATIONS MANAGEMENT *Three credit hours*

This course develops a systems approach to the analysis of senior managerial operating problems. Computer, quantitative, and behavioral models are used to formulate operating decisions consistent with an organizations competitive strategy.

BUS 748 FINANCIAL MANAGEMENT *Three credit hours*

Analysis of financial information is central to financial control, forecasting, and decision making. It also is central to the evaluation of customers, competitors, or merger candidates. This course gives executives insight into financial statement analysis, cash flow projections, capital budget evaluation, working capital management, and the primary methods of financing the corporation. Various measures of risk and methods of assessing the risk-return trade-off are also presented.

BUS 760 THE MARKETING ENVIRONMENT *Three credit hours*

An organization must deal with strategic and tactical issues on a domestic and global basis if it is to maintain an effective marketing organization. The course places special emphasis on the determination of longer term marketing strategy, the building of shorter term tactics, and the significance marketing has in the strategic direction of the firm. Emphasis is given to the examination of competitive operations and practical marketing problems confronting executives.

BUS 765 MACRO-ORGANIZATIONAL BEHAVIOR *Three credit hours*

The macro-perspective provides a broader view of organizational effectiveness by dealing with the organizations major sub-units rather than individuals and small groups. This perspective deals with employee behavior as well as with overall design of the organization, efficiency, and adaptation to the environment. The macro-route to organizational change includes design of individual roles and organizational structures, relationships among roles, control systems, and information technology. A field activity in organizational development is a major focus of the course.

BUS 771 THE ECONOMIC SYSTEM***Three credit hours***

This course gives executives an understanding of how the US economy operates, so that they will understand the national economic environment in which their own firm operates at present and in the future. Descriptions are presented from an intuitive perspective rather than from a mathematical/theoretical perspective. Emphasis is placed on readily available sources of important data about the economy's recent performance, on interpreting those data, and on obtaining and evaluating forecasts of the economy's future performance. The forces influencing economic growth, interest rates, inflation, employment, and living standards are studied. Government policies for influencing the economy are examined together with the organization of policy-making bodies and the motivations of policy makers.

BUS 781 GLOBAL STRATEGIC MANAGEMENT***Three credit hours***

Globalization of US business is proceeding at an accelerating pace. Executives are introduced to techniques for managing this economic transformation both at home and abroad. The course reviews the development and current role of the multinational enterprise. Major features of international trade and the challenge of managing organizations across national borders are covered. Executives learn how to respond to international challenges by developing or critiquing international corporate strategies and operations.

BUS 800 POWER AND ETHICS IN THE MANAGEMENT OF ORGANIZATIONS***Three credit hours***

The course introduces power and ethics concepts (The Prince Model, the Ethical Response Model) as systems-thinking ways of winning desired cooperation from associates, customers, suppliers, public policy makers, or others. The course stresses the use of contemporary case analysis as well as readings and creativity to develop win-win ways to nurture the health of both organizations and society.

BUS 870 POLICY FORMULATION AND STRATEGIC MANAGEMENT***Three credit hours***

This course represents the culmination of the executives two-year program. Concepts, principles, and new ways of thinking are integrated into this capstone course. The executive takes the role of senior management, learning how to develop a strategic intent for the organization as well as the policies and competitive strategies necessary to make the intent a reality. In the process, the executive learns how to formulate decisions based on the analysis and diagnosis of competitive and market conditions and the organizations capabilities and limitations. The concepts and tools of strategic analysis, planning, and implementation are applied through case studies and consultation with actual organizations.

ELECTIVE REQUIREMENTS

Elective Management seminars will be offered evenings during a three-week term at the start of the Fall and Spring semesters. These seminars will cover topics of current interest or provide in-depth coverage of selected topics from the core courses. The majority of the seminars will be assigned one semester hour of credit and will meet for three hours and the minutes one night per week for a three-week period. Seminars will occasionally be given greater credit because of required travel, more class-time, or extensive out-of-class assignments. There will also be a summer elective seminar in Project Management that will be scheduled on weekends. Additionally, students may elect to participate in one of the International seminar programs sponsored by the Business Division. These Academic Seminars, to various parts of the world, typically are for 10-15 days. Academic credit may be given with the prior approval of a faculty member and the Program Director.

MASTER OF BUSINESS ADMINISTRATION IN HEALTH CARE MANAGEMENT

Baldwin-Wallace College's Health Care MBA (HC MBA) program is designed for health care professionals who seek a formal graduate degree without interrupting their careers or interfering with weekday office or travel obligations.

HC MBA classes are offered on alternate weekends (except on occasions when avoiding holiday weekends forces sequential weekends) beginning at 2:00 P.M. on Friday and ending on Saturday at 3:30 P.M. This schedule, designed with a two-fold purpose, leaves the intervening and holiday weekends unencumbered and solves the problems of executives whose full-time managerial responsibilities include heavy mid-week commitments. The two-day schedule enhances the opportunities for sharing experiences and building a sense of camaraderie among students.

Class sizes are small (no more than 25 students) and organized into interdisciplinary teams. Teams are selected to include a variety of professionals on each team. Participants learn through interaction with classmates who bring widely varied backgrounds to team projects and class discussions.

The program is built upon the systems approach to management that views the health care organization as a dynamic, interdependent organism. Development of the interpersonal and organizational skills needed to lead teams, groups, and networks of providers is emphasized throughout the program. There is also a strong focus on "value added" health care reflecting the need to manage the relationship between cost and quality.

All classes are held at Baldwin-Wallace College in Berea.

Class Schedules

The schedule of classes for each alternate weekend is:

Friday

2:00 p.m. - 6:00 p.m.	Class
6:00 p.m. - 7:00 p.m.	Dinner
7:00 p.m. - 9:00 p.m.	Class

Saturday

7:30 a.m. - 8:30 a.m.	Breakfast
8:30 a.m. - 12:30 p.m.	Class
12:30 p.m.- 1:30 p.m.	Lunch
1:30 p.m.- 3:30 p.m.	Class

The Curriculum

The Health Care MBA consists of an initial semester of courses (those courses with a BUS 500 number) required of applicants whose undergraduate degree or work experience have not included these business fundamentals. The foundation courses are scheduled in the fall semester. The program of 12 core business courses and two year long courses, introduction to American Health Care and Health Care Policy and Law, commence in the spring semester. The program is designed to be completed in the two years from the commencement of the core courses.

The sequence in which the courses are scheduled is:

Foundation Courses

BUS 500A Financial Accounting
BUS 500Q Quantitative Analysis

Semester I:

BUS 701 Organizational Theory & the Systems Approach to Management
BUS 757 Intro to American Health Care
BUS 771 The Economic System
BUS 800 Power & Ethics in the Management of Organizations

Semester II:

BUS 709 Organizational Behavior
BUS 747H Operations Management
BUS 748H Financial Information Analysis & Control
BUS 757 Intro to American Health Care

Semester III:

BUS 705H Accountability of Financial Resources
BUS 750 Topics in Financial Management
BUS 758 Health Care Policy & Law
BUS 760 The Marketing Environment

Semester IV:

BUS 711 Health Care Information Systems
BUS 710 Human Resources
BUS 758 Health Care Policy & Law
BUS 870 Policy Formulation and Strategic Management

Admission Requirements

The HCMBA program is designed for mid-career health care managers or for medical professionals preparing to make a transition to senior management positions. Participants are expected to have significant work experience in a professional or managerial position. The admission process involves the following considerations:

- A personal interview with the director of the program during which past experience and accomplishments and potential for advancement and professional self-improvement are reviewed.
- A professional degree in any field from an accredited institution. Applicants whose undergraduate degree is not in business may be required to take one or more foundation courses in the areas of accounting or quantitative methods.
- An acceptable score on the Graduate Management Admission Test (GMAT) is required of all candidates. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
- Evidence through letters of reference that the applicant is capable of graduate study in business, and has the personal commitment and support of his/her organization necessary for successful completion of the program.
- Approval of the Admission Committee based on the documentation in support of the above three criteria.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

Health Care MBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the HC MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

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Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition

Master in Business Administration in Health Care Management Course Descriptions

Foundation Courses

BUS 500A FINANCIAL ACCOUNTING *Three credit hours*

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS *Three credit hours*

A course for individuals who have a limited background in algebraic and statistical techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

Core Course Descriptions

BUS 701 ORGANIZATIONAL THEORY & THE SYSTEMS APPROACH TO MANAGEMENT *Three credit hours*

This course introduces health care students to the systems approach to management. It is an overview of the theories of general systems, systems-thinking, and the systems approach to management. Students apply the systems approach to building systems models of the organizations represented in the class. These models provide an understanding of the interdependencies in health care systems along the entire continuum of care in a variety of health care organizations. Managers will learn to make more effective decisions across formally and informally structured delivery systems plus the various structures in which health care is delivered on an integrated basis.

BUS 705H ACCOUNTABILITY OF FINANCIAL RESOURCES *Three credit hours*

This course shows the student how accounting systems can be designed to provide healthcare managers with useful information for decision-making. Students will use this information in cost-volume-profit and operational and capital budgeting exercises to improve their planning efforts, in learning how to make better operating decisions, and in conducting more meaningful performance analyses. The problems encountered in overhead allocation will be discussed in detail. Quantitative models will be introduced when appropriate, decision-making under uncertainty will be emphasized, and the need for a cost-benefit trade-off analysis will be a central theme in the course.

- BUS 709 ORGANIZATIONAL BEHAVIOR *Three credit hours***
 This course provides an analysis of behavioral science approaches to organizations stressing the implications of theoretical concepts on managerial practice. Topics include functions and dysfunctions of bureaucracy, individual needs and organization requirements, group processes, and organizations as systems. Basic concepts used to study special topics are conflict management, leadership, communications, and organizational change and development.
- BUS 710 HUMAN RESOURCE MANAGEMENT *Three credit hours***
 This course is intended to build a bridge between the citadels of theory and the frontiers of practice by providing participants with an opportunity to exercise critical competencies associated with the development of human potential within organizations. Participants will experiment with exercising leadership skills, orchestrating change and becoming project/concept champions in an area of practice that engages their professional curiosity within the healthcare field. The course recognizes that every manager in an organization is first and foremost a human resources development manager in that their effectiveness is determined by their ability to unleash their own potential and, by example, stimulate the development and growth of others so that they are inspired to rise to the development of their full potential.
- BUS 711 HEALTH CARE INFORMATION SYSTEMS *Three credit hours***
 This course presents an overview of the uses of and management of information systems and technology in health care. It is directed to managerial end-users of information systems, and to those managers who will need to make strategic decisions regarding the use of capital and operating funds for the acquisition and operation of information systems and technology. The main objective is to build a basic understanding of the value and uses of information systems and information technology (both onsite and web-based) for business operations, management decisions making, and strategic advantage. Special emphasis is placed on the planning and financing of managerial and enterprise information systems.
- BUS 747H OPERATIONS MANAGEMENT *Three credit hours***
 This course develops a systems approach to the analysis of senior health care managerial operating problems. Computer, quantitative, and behavioral models are used to formulate operating decisions consistent with a health care organizations competitive strategy.
- BUS 748H FINANCIAL INFORMATION ANALYSIS AND CONTROL *Three credit hours***
 Analysis of financial information is central to financial control, forecasting, and decision making. It also is central to the evaluation of managed care operations, competitors, or merger candidates. This course gives students insight into financial statement analysis, cash flow projections, capital budget evaluation, working capital management, and the primary methods of financing the corporation (both for-profit and not-for-profit models are emphasized). Various measures of risk and methods of assessing the risk-return trade-off are also presented. Examination of actual institutions is incorporated into the course.
- BUS 750 TOPICS IN FINANCIAL MANAGEMENT *Three credit hours***
 This course will investigate special topics in financial management such as the lease versus the buy option, bond refunding, mergers, LBOs, divestitures, business failures, activity-based management, and organizational performance. Coverage of topics introduced in earlier financial management courses, e.g., operational and capital budgeting, cost-volume-profit analysis, and working capital management, will be extended. Forecasting, linear programming and simulation techniques from the operations analysis field will be used extensively in this expanded coverage.
- BUS 757 INTRO TO AMERICAN HEALTH CARE *One credit hour***
 This course explores the history, evolution and current state of health services delivery and financing in the United States. Topics include the components of the system, health services professions, financing mechanisms, the insurance industry, medical technology and the cost, quality, access equation.
- BUS 758 HEALTH CARE POLICY & LAW *One credit hour***
 This course discusses the policy development process at the federal and state levels, reviews major health policy milestones and the current state of policy development. Comparisons are drawn to health policy/systems in other countries. An introduction to business and health law is

provided including corporate structures, governance, liability and government regulatory compliance.

BUS 760 THE MARKETING ENVIRONMENT *Three credit hours*

The health care organization must deal with strategic and tactical issues if it is to serve its customers effectively. The course places special emphasis on the determination of longer term marketing strategy, the building of shorter term tactics, and the significance marketing has on the strategic direction of the firm. Emphasis is given to new health care competitive issues and applied marketing problems confronting executives today.

BUS 771 THE ECONOMIC SYSTEM *Three credit hours*

This course gives students an understanding of how the US economy operates, so that they will understand the national economic environment in which the health care industry operates now and in the future. Descriptions of how the overall economy works are presented from an intuitive perspective rather than from a mathematical/theoretical perspective. Emphasis is placed on readily available sources of important data about the economy's recent performance, on interpreting those data, and on obtaining and evaluating forecasts of the economy's future performance. The forces influencing economic growth, interest rates, inflation, employment, and living standards are studied. Government policies for influencing the economy in general, and the health care industry in particular, are examined together with the organization of policy-making bodies and the motivations of policy makers.

BUS 800 POWER AND ETHICS IN THE MANAGEMENT OF ORGANIZATIONS *Three credit hours*

This course puts students in the role of managers in health care organizations confronting challenges requiring the exercise of power inside and outside the organization and facing ethical dilemmas caused by the explosion of technology, increased competition, and the demands of government, employers, and the public. It provides a framework to help health care managers consider issues of power, ethics, and public policy.

BUS 870 POLICY FORMULATION & STRATEGIC MANAGEMENT *Three credit hours*

In this course, participants are introduced to the science and art of strategy making and strategy-implementation as applied to healthcare organizations. The systems approach, its key concepts and principles are utilized to explain the underlying logic of strategic management as the ultimate tool for managing change, as well as managing in changing market and industry environment. Specifically course participants are trained in the strategic tools, and the concepts they're based on, necessary for the following managerial skills:

1. formulating a strategic intent,
2. setting performance results,
3. crafting corporate, competitive and functional strategies,
4. planning implementation of crafted strategies, and
5. executing and controlling the organizations total strategic blueprint for steering, instead of drifting, towards its strategic intent.

Participants develop these skills primarily by conducting a comprehensive, real-time strategic analysis of an actual healthcare organization. Additionally, participants also undertake a strategic analysis of their own sector of the healthcare industry, as a means of helping to add value in their current job and to their current employer. The course is the culmination of the two-year process in developing the executive mind of program participants, and uses the integrative logic of strategic management to help pull together the total business education they received in the program.

MASTER OF BUSINESS ADMINISTRATION IN HUMAN RESOURCES

The Masters of Business Administration in Human Resources (HR MBA) provides students with fundamental managerial and leadership skills that will enable students to understand strategic and operational issues in managing human capital in organizations. The curriculum is directed towards developing Human Resource managers and follows the systems approach to graduate business education. The systems approach helps managers to view their own strengths and competencies within a broader understanding of organizational and environmental dynamics.

The program is designed for the working adult with evening classes. Students completing undergraduate study may pursue the Human Resource MBA as a dual 3/2-degree program with completion of the undergraduate bachelor degree in business administration and the HR MBA concurrently in the fourth and fifth years of study.

Location

MBA classes are held on the Baldwin-Wallace College campus in Berea, Ohio. Classes are usually held in Kamm Hall with immediately adjacent parking available.

Requirements for Admission

The central concern of the admission process is to identify and select individuals who will be successful in the program. Therefore, all available relevant information concerning the candidate's background, including academic accomplishments, work experience and community involvement will be considered. All candidates are strongly encouraged to meet with the MBA Program Director as early as possible to discuss their interests and qualifications and the options available to them at Baldwin-Wallace. The admission process includes the following:

- A Bachelor's degree in any field from an accredited institution and submission of official transcripts of previous academic work.
 - Relevant work experience, usually two-years.
 - An interview with the Program Director is recommended for all candidates.
 - A total score on the GMAT examination of 500 or above with a score of 4.5 or above on the writing portion of the GMAT or satisfactory completion of BUS 500R. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
 - A completed application either in hard copy or on-line, <https://app.applyyourself.com/?id=bw-mba>.
 - Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to successfully undertake a challenging program of graduate study.
 - A current brief resume focused on career and professional development and accomplishments in addition to leadership experiences in both work and community activities.
- Admission to the 3/2 program requires junior status.

Final approval for admission to the program will rest with the MBA Program Admission Committee.

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

MBA students who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

Curriculum

The MBA program includes a minimum of 37 credit hours of course work, not including any required foundation courses. Classes are offered weeknights during three semesters in the calendar year. Participants can complete the sequence of 11 core classes and four hours of elective seminars in two years if they choose, but the pace at which students proceed through the curriculum is flexible so as to accommodate individual student needs. Each core class meets one evening per week for 12 weeks for a period of three hours and 10 minutes. The elective seminars typically meet for three hours and ten minutes one night per week over a three week term. The three-week terms for elective seminars are scheduled at the start of the Fall and Spring semesters prior to the commencement of the 12-week core class schedule.

Degree Requirements

The student must meet the following for the Master of Business Administration degree:

- Successfully complete any required foundation courses, the sequenced core curriculum, and four hours of elective seminars (minimum of 40 credit hours);
- Attain at least a 3.0 grade point average in total work attempted in the MBA program and a 3.0 grade point average in the 12 core courses of the program.
- Complete all degree requirements within four calendar years of initial registration unless a time extension is granted, in writing, upon petition to the Program Director.

Transfer Credit

Only six credit hours are transferable for credit from another institution. Transfer credit is awarded when:

- the requested credit is an equivalent graduate-level course from an MBA program;
- the student was enrolled as a graduate student when the course was taken;
- the course was graded "A" or "B";
- the course content is compatible with the MBA program at Baldwin-Wallace College (determination of credit is made jointly by the Registrar and the director of the program); and
- the credit has not been counted toward an earned degree.

Tuition Payment

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

Students who withdraw from a course will receive a refund of their tuition payment in accordance with the following table:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	99% of full tuition
2nd Week	90% of full tuition
3rd Week	70% of full tuition
4th Week	50% of full tuition
5th through 8th Week	25% of full tuition

Seminar in Management refund schedule:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	50% of full tuition
2nd Week	25% of full tuition
3rd Week	no refund

Program Overview

Excluding foundation courses, a total of 37 credit hours, 33 core and four seminar hours, are required to complete the Masters of Business Administration in Human Resources degree. Students may be required to complete all or some of the foundation courses before the regular core course sequence.

Requirements

BUS	501	Systems Management and Organizational Theory
BUS	517	Financial Management
BUS	509	Organizational Behavior
BUS	510	Human Resource Management
BUS	511	Compensation
BUS	512	Employment Law and Labor Relations
BUS	513	Staffing and Development
BUS	551	Marketing and Marketing Information Systems
BUS	600	Power, Ethics & Society
BUS	632	Information Systems
BUS	670	Management Policy and Systems Analysis

Additionally, four hours of seminar credits are required (BUS 655).

Master in Business Administration in Human Resources Course Descriptions

Foundation Courses

The following courses provide a foundation for the MBA program for individuals with limited business training. The department suggests that students discuss their academic background with the Director of the program prior to making a decision to enroll in any of these classes. These courses are three semester credit hours but do not count toward the MBA degree requirement.

BUS 500A FINANCIAL ACCOUNTING

Three credit hours

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS

Three credit hours

This course is for individuals who have a limited background in computer skills and algebraic techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

BUS 500R BUSINESS RESEARCH AND WRITING FOR ACADEMIC AND CAREER SUCCESS

Three credit hours

This course provides an introduction to current business research sources and techniques, as well as individual and group writing procedures for business or graduate studies in business administration. Emphasis is given to ethical and legal concerns in research and writing.

ELECTIVE SEMINARS

Elective Management seminars will be offered during a three-week term in the Fall and Spring semesters. These seminars will cover topics of current interest or provide in-depth coverage of selected topics from the core courses. The majority of the seminars will be assigned one semester hour of credit and will meet for three hours and ten minutes one night per week for a three-week period. Seminars will occasionally be given greater credit because of required travel, more class-time, or extensive out-of-class assignments. Seminars will not be offered during the summer. Additionally, students may elect to participate in one of the international seminar programs sponsored by the Business Division. These Academic Seminars, to various parts of the world, typically are for 10-15 days. Academic credit may be given with the prior approval of a faculty member and the Program Director.

Human Resource Courses

All are required

BUS 510 HUMAN RESOURCE MANAGEMENT

Three credit hours

This course provides an overview of the various functions in the field of Human Resource Management. The functions of planning, selecting, compensating, appraising, training, and development are covered. Legislation and laws pertaining to these functions as well as labor relations and health and safety are examined. Overall organizational strategy is incorporated into the application of all Human Resource functions.

BUS 511 COMPENSATION

Three credit hours

Prerequisite: BUS 510, or permission of the instructor

Theory and strategy behind organizational compensation practices are examined. Specifically, the behavioral aspects of compensation, the legal constraints, development of base pay systems, variable pay, executive compensation, benefits, and services are covered. Students become familiar with actual practices and application in organizations.

BUS 512 EMPLOYMENT LAW AND LABOR RELATIONS

Three credit hours

Prerequisite: BUS 510

This course is a review of the historical foundations of Employment Law and Labor Law with a focus on current issues as reflected by recent agency and court rulings. Labor Relations includes the topics of the NLRB, unionization, collective bargaining, grievance procedures, arbitration and mediation.

BUS 513 STAFFING AND DEVELOPMENT

Three credit hours

Prerequisite: BUS 510

This in-depth course provides a strategic overview of the Human Resource Planning function. Job analysis, recruiting, selection, training, development, retention, and appraisal are covered as key topical areas with a focus on the theoretical foundations and application of current practices.

Additionally, four hours of seminar credits are required (BUS 655)

Core Courses

BUS 501 SYSTEMS MANAGEMENT & ORGANIZATIONAL THEORY

Three credit hours

This course focuses on general systems concepts and the systems management approach to organizations. Students acquire a greater understanding of the interdependence of and interrelationships between elements of a system and its environment. Selected organizational and managerial issues or problems are diagnosed from a system and organizational theory perspective, and solutions are developed that reflect a systemic outlook. Opportunities are provided for applying systems thinking to the students own career or work situation.

BUS 509 ORGANIZATIONAL BEHAVIOR

Three credit hours

This course provides an analysis of behavioral science approaches to organizations stressing the implications of theoretical concepts on managerial practice. Topics include functions and dysfunctions of bureaucracy, individual needs and organization requirements, group processes, and organizations as systems. Basic

concepts used to study special topics are conflict management, leadership, communications, and organizational change and development.

BUS 517 FINANCIAL MANAGEMENT

Three credit hours

Working capital management, investment decisions, cost of capital, and long-term financial decisions are the focus of this course. The method of presentation takes account of theory, application, and integration into the general systems approach.

BUS 600 POWER, ETHICS, AND SOCIETY

Three credit hours

This course examines the social, ethical, and leadership responsibilities of systems managers in relation to the stakeholders affected by managerial decisions-especially customers, the work force, shareholders, and society (including government). Students examine the acquisition and use of power inside and outside the organization through contemporary cases.

BUS 632 INFORMATION SYSTEMS FOR MANAGEMENT

Three credit hours

This course establishes a basic understanding for developing management information systems that provide reliable and valid information for managers of diverse functions. In addition, the course includes computer- and non-computer-based case histories. A review of corporate structure in a traditional organization and the impact of the design of information systems on the corporate structure and its subsystems are the main thrust of this course.

BUS 670 MANAGEMENT POLICY & SYSTEMS ANALYSIS

Three credit hours

This course provides students with the opportunity to solve complex top management problems by integrating the theoretical and practical knowledge acquired in previous courses.

MASTER OF BUSINESS ADMINISTRATION IN INTERNATIONAL BUSINESS

The Masters of Business Administration Program in International Business is designed for working individuals who already possess a Bachelor's degree and have embarked upon a business career. For the past twenty years, this program, the first of its kind in Ohio, has delivered a program in international management designed to prepare graduates to succeed in the rapidly changing business environment of the 21st century.

Curriculum

The International MBA program includes a minimum of 40 credit hours of course work, not including any required foundation courses. Classes are offered weeknights during three semesters in the calendar year. Participants can complete the sequence of 12 core classes and four hours of elective seminars in two years if they choose, but the pace at which students proceed through the curriculum is flexible so as to accommodate individual student needs. Each core class meets one evening per week for 12 weeks for a period of three hours and 10 minutes. The elective seminars typically meet for three hours and ten minutes one night per week over a three week term. The three-week terms for elective seminars are scheduled at the start of the Fall and Spring semesters prior to the commencement of the 12-week core class schedule.

Location

MBA classes are held on the Baldwin-Wallace College campus in Berea, Ohio. Classes are usually held in Kamm Hall with immediately adjacent available parking.

Requirements for Admission

The central concern of the admission process is to identify and select individuals who will be successful in the program. Therefore, all available relevant information concerning the candidate's background, including academic accomplishments, work experience and community involvement will be considered. All candidates are strongly encouraged to meet with the IMBA Program Director as early as possible to discuss their interests and qualifications and the options available to them at Baldwin-Wallace. The admission process includes the following:

- A Bachelor's degree in any field from an accredited institution and submission of official transcripts of previous academic work.
Relevant work experience, usually two-years.
- An interview with the Program Director is recommended for all candidates.
- An acceptable result on the Graduate Management Admission Test (GMAT) is required of all candidates. The GMAT will be waived for candidates who have already received a masters or doctorate degree in another field and individuals earning a cumulative undergraduate GPA of 3.4 or better.
- A completed application either in hard copy or on-line.
- Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to successfully undertake a challenging program of graduate study.
- A current brief resume focused on career and professional development and accomplishments in addition to leadership experiences in both work and community activities.

Final approval for admission to the program will rest with the MBA Program Admission Committee.

International Student Admission Requirements

Foreign students should submit the following items at least three months prior to the beginning of the semester in which you want to enroll:

- A Bachelor's degree in any field from an accredited institution and submission of official English translated transcripts of previous academic work
- A completed application either in hard copy or on line.
- Two letters of recommendation from managers or other persons qualified to assess the applicant's professional or managerial accomplishments and ability to succeed in a challenging program of graduate study in business.
- A current resume focused on career and professional development and accomplishments to leadership experiences in both work and community activities.
- A financial support statement
- A TOEFL score of 523 (written) or 193 (computer), or an acceptable GMAT score

Grading

Letter grades given are A, B, C, F, I, T and W. A plus/minus system may be elected by individual instructors. Each grade has the following value in quality points: A+, 4.0; A, 4.0; A-, 3.667; B+, 3.333; B, 3.0; B-, 2.667; C+, 2.333; C, 2.0; C-, 1.667; F, none; I, incomplete; T, a temporary non-accredited grade to indicate work in the course is continuing and is thus far satisfactory, and W, withdrawal with no quality points. No grade of D is awarded. A cumulative GPA of 3.0 is required for graduation. Grades of all classes, including foundation courses, will be used in the calculation of the GPA. The receipt of a third "C" in a core class or an "F" in any class will result in the student's dismissal from the program. A student may petition the Program Director for readmission and such readmission shall be at the discretion and subject to the conditions established by the Director.

An incomplete grade received during a given semester must be completed by a date agreed upon by the instructor but no later than the end of the next semester in which the student is enrolled. If no grade is reported by that time, the grade will be recorded as failure. In unusual circumstances, the instructor may request an extension of the established due date subject to written approval of the Program Director.

An IMBA student who withdraw from class during the first nine weeks of the semester will receive a grade of "W". Withdrawal after the ninth week may be authorized only in cases of prolonged illnesses, change of employment, or other circumstances beyond the student's control. Lack of academic progress in a course is not sufficient reason for an authorized withdrawal after the sixth week. A written petition must be presented to the Registrar of the College. Petition forms are available in the Registrar's Office. Withdrawal from a course without approval constitutes a failure and the letter grade of "F" is recorded.

International Students

It shall be the responsibility of each international student to ensure that their course schedules and program requirements are in total compliance with all USCIS (U.S. Citizenship and Immigration Services) regulations. Each international student must maintain full time status unless given prior authorization by a DSO (Designated School Official). A DSO is different from your faculty academic advisor. Any international student that desires to participate in Optional Practical Training must submit their OPT application before the completion date of their course of study. All international students are strongly encouraged to submit their applications for OPT as early as possible during their final semester. Please direct your questions to the IMBA Program Coordinator.

Degree Requirements

The student must meet the following for the Master of Business Administration in International Management degree:

- Successfully complete any required foundation courses, the sequenced core curriculum, and four hours of elective seminars (minimum of 40 credit hours);
- Attain at least a 3.0 grade point average in total work attempted in the IMBA program and a 3.0 grade point average in the 12 core courses of the program.
- Six semester hours of a foreign language. This requirement may be met with undergraduate or graduate courses from any accredited college or university or by submitting evidence of equivalent training. Students may test out of this requirement.
- Demonstrate professional experience. This requirement may be documented by prior work experience or an approved graduate assistantship/internship.
- Complete all degree requirements within four calendar years of initial registration unless a time extension is granted, in writing, upon petition to the Program Director.

Transfer Credit

Only six credit hours are transferable for credit from another institution. Transfer credit is awarded when:

- the requested credit is an equivalent graduate-level course from an MBA program;
- the student was enrolled as a graduate student when the course was taken;
- the course was graded "A" or "B";
- the course content is compatible with the MBA program at Baldwin-Wallace College (determination of credit is made jointly by the Registrar and the director of the program); and
- the credit has not been counted toward an earned degree.

Tuition

Payment of tuition and fees must be made prior to the first class of each semester. Past due accounts will be assessed a finance charge. Grades, transcripts, and diplomas will not be released to students who have not paid their accounts. The cashier's office will be open from 6:00 p.m. to 8:00 p.m. the first two nights of each semester.

Baldwin-Wallace has several options to help graduate students make paying for their education more affordable. For example, to accommodate the many graduate students who receive tuition benefits from their employers at the end of the term, B-W offers a delayed tuition payment plan called the Tuition Reimbursement Payment Program (TRPP). TRPP allows students to extend the payment due date, at a reasonable rate of interest, until 30 days after the end of the term. TRPP applications and information can be obtained at the Cashier's Office in Bonds Administration Building. In addition, most graduate students who take at least three credits in a given semester are eligible for financial aid through the Federal Stafford Loan program. A Stafford Loan is a low-interest rate loan whose repayment period does not begin until six months after the borrower ceases to be enrolled for at least three credits. More information about Stafford Loans can be found at the Financial Aid Office, which is also in the Bonds Administration Building. Finally, the MBA Program is fully approved for veterans' educational benefits.

Any special payment arrangements must be made with the approval of the Bursar.

Refund Policy

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4th Week	50% of full tuition
5th through 8th Week	25% of full tuition

Seminar in Management refund schedule:

Time of Withdrawal	Refund
Prior to 1st Week	100% of full tuition
1st Week	50% of full tuition
2nd Week	25% of full tuition
3rd Week	no refund

Professional Experience

The IMBA program at Baldwin-Wallace College requires demonstrated professional experience of each of its graduates. Satisfaction of this requirement may be documented in the following ways:

- Prior experience as documented by a letter, resume or interview;
- approved graduate assistantship;
- internship

Assistantship

Baldwin-Wallace College emphasizes practical experience in its graduate business programs by providing the opportunity for all qualifying full-time students to participate in a Graduate Assistantship Program. The Assistantship Program is intended to contribute to the professional development of students in the International MBA Program.

To be eligible for an assistantship students must meet the following criteria:

- Full-time enrollment status;
- clear evidence of academic achievement;
- two recommendation letters stating performance and promise;
- TOEFL or GMAT score of at least 550.

Graduate Assistantships will be supervised by B-W faculty or staff members and will include the following:

- An award of a tuition credit of US \$1250 per semester;
- eligibility for four semesters;
- continued eligibility requires continuing good academic standing and satisfactory performance;
- graduate assistants will work approximately six-to-ten hours per week.

Master of Business Administration in International Business Course Descriptions

Foundation Courses

The following courses provide a foundation for the IMBA program for individuals with limited business training. The department suggests that students discuss their academic background with the Director of the program prior to making a decision to enroll in any of these classes. These courses are three semester credit hours, but do not count toward the IMBA degree requirement.

BUS 500A FINANCIAL ACCOUNTING *Three credit hours*

This course develops a working knowledge of the basic accounting system. The primary focus is on financial accounting by the business entity. Students learn to read and understand the four standard financial reports: the balance sheet, income statement, statement of cash flows, and statement of retained earnings with emphasis on their implications for management.

BUS 500Q QUANTITATIVE ANALYSIS *Three credit hours*

A course for individuals who have a limited background in computer skills and algebraic techniques. Students are exposed to statistical models and applications for quantitative methods in modern management.

BUS 500R BUSINESS RESEARCH AND WRITING FOR ACADEMIC AND CAREER SUCCESS *Three credit hours*

An introduction to current business research sources and techniques, as well as individual and group writing procedures for business or graduate studies in business administration. Emphasis is given to ethical and legal concerns in research and writing.

ELECTIVE SEMINARS

Elective seminars will be offered during a three-week term in the Fall and Spring semesters. These seminars will cover topics of current interest or provide in-depth coverage of selected topics from the core courses. The majority of the seminars will be assigned one semester hour of credit and will meet for three hours and ten minutes one night per week for a three-week period. Seminars will occasionally be given greater credit because of required travel, more class-time, or extensive out-of-class assignments. Seminars will not be offered during the summer. Additionally, students may elect to participate in one of the international seminar programs sponsored by the Business Division. These Academic Seminars, to various parts of the world, typically are for 10-15 days. Academic credit may be given with the prior approval of a faculty member and the Program Director.

Core Courses

BUS 640 INTERNATIONAL MANAGEMENT *Three credit hours*

This course introduces the student to the nature and scope of participation in and management of international economic enterprises. The new global markets require an understanding of the interdependency, interaction, and integration of planning, organizing, executing, and controlling across national and cultural boundaries. The course is designed to educate the future global manager who will eventually articulate and support the international strategy of the organization.

BUS 610 FINANCIAL MANAGEMENT**Three credit hours**

This course includes the evaluation of financial statements through ratio and time series analysis, working capital management, capital budgeting, the evaluation of risk associated with different cost and capital structures, and the methods of long and short term financing of the firm.

BUS 612 MICROECONOMICS/INTERNATIONAL TRADE**Three credit hours**

A study of economic theory of the firm and markets on which many managerial decisions are based. The theory serves as a foundation for understanding the patterns of international trade and the role of the firm in global markets. The theory also has a role in a nations international trade policy. Subjects include theory of demand, price making, costs, production, economies of scale, market structures, comparative advantage, international terms of trade, and trade barriers.

BUS 620 MANAGEMENT SCIENCE**Three credit hours**

This course includes models and quantitative techniques for analyzing management problems including decision theory, linear programming, transportation models, optimization functions, queuing theory, multiple regression, and time series.

BUS 622 INTERNATIONAL MACROECONOMICS**Three credit hours**

This course includes the study of national and global business cycles, monetary and fiscal policy, the role of central banks in foreign exchange markets, and the role of international institutions such as the International Monetary Fund. Other subjects covered include national income and employment theory, links between the domestic and international sectors, flexible versus fixed exchange rates, management of exchange rate risk, balance of payment issues, and international monetary systems.

BUS 626 INTERNATIONAL MARKET RESEARCH**Three credit hours**

The methods by which primary and secondary data are collected (including the internet) and the different techniques for analyzing such data are presented. Quantitative techniques, including multivariate models, are studied.

BUS 630 INTERNATIONAL MARKETING STRATEGY**Three credit hours**

The emphasis in this course is on developing international marketing strategies. Alternatives in product, pricing, promotion, and distribution strategies are discussed. Case studies are used extensively.

BUS 642 INTERCULTURAL COMMUNICATION**Three credit hours**

This course defines culture and communication, reveals some important relationships between the two, and explores relevant systems of belief, value, and thought that increase analytical and problem-solving skills in international business relationships. Also included are the business etiquette practices that are an outgrowth of the above topics.

BUS 650 INTERNATIONAL FINANCIAL MANAGEMENT**Three credit hours**

The traditional areas of corporate finance are studied from the perspective of decisions peculiar to a global corporation. These perspectives include dealing with multiple currencies, frequent exchange rate changes, differing rates of inflation, multiple money markets, segmented capital markets, constraints on ownership and the return of invested capital and earnings, and political risks of expropriation, nationalization, or counter- trade arrangements.

BUS 652 STRATEGIC LOGISTICS MANAGEMENT**Three credit hours**

This course is a study of strategic problems including exporting and importing procedures, insurance, documentary credit, statistical quality control, ISO 9000, benchmarking, and international transportation.

BUS 660 THE POLITICAL AND SOCIAL RESPONSIBILITIES OF THE MULTINATIONAL CORPORATION**Three credit hours**

This course examines the role of power and ethics in the conduct of international business. Actual cases are studied that demonstrate some of the dilemmas faced by the multinational corporation and the growing concern with integrating the ethical and social concerns with business actions in a way that is beneficial to both business and society.

**BUS 661 MANAGING MULTINATIONAL PROJECTS: A
STRATEGIC MANAGEMENT APPROACH**

Three credit hours

This course deals with the principles of project/systems management and the challenge of joint efforts with other nations. Emphasis is on team building, developing an effective organization structure, work planning and scheduling, and cost control within a dynamic multinational environment. Students will investigate the legal, social, economic, political, technological, and cultural implications of global projects. They will also analyze cases, estimate costs of multinational projects, and examine methodologies for multinational project funding.

Section X

FACULTY, ADMINISTRATION & TRUSTEES

Active Faculty

DIVISION OF BUSINESS ADMINISTRATION

- PETER REA, *Chair, Division of Business Administration, Professor of Business Administration*
B.S., Ohio University; M.A., Bowling Green State University; Ph.D., University of Akron
- MARY PISNAR, *Director of Undergraduate Business Programs; Associate Professor of Business Administration*
B.A., Ursuline College; M.B.A., D.B.A., Cleveland State University
- J. PETER KELLY, *Director of Graduate Business Programs, Associate Professor of Business Administration*
A.B., Harvard University; J.D., Duquesne University
- THOMAS S. CAMPANELLA, *Director, Healthcare MBA*
B.A., M.A., Ohio University; J.D., Cleveland State University; CPA, Ohio
- MALCOLM WATSON, *Director, MBA in International Management*
A.B., Centre College of Kentucky; M.A., Emory University
- ROGER A. GRUGLE, *Director, MBA in Accounting, Associate Professor of Business Administration. L.A. Beeghly Chair in Business Administration*
B.S., United States Military Academy; M.S., University of Colorado; M.B.A., M.S., Long Island University (C.W. Post); CPA, Ohio, Colorado
- ERIC FINGERHUT, *Director of Economic Development, Education and Entrepreneurship*
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- KEVIN JACQUES, *Boynton D. Murch Chair in Finance, Associate Professor of Business Administration*
B.B.A., M.A., Kent State University; Ph.D., Michigan State University
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JOYCE BANJAC, *Lecturer of Business Administration*
 Ph.D., University of Akron

TERESA BARBER, *Lecturer of Business Administration*
 M.A.Ed., Cleveland State University

JOHN BEGALA, *Lecturer of Business Administration*
 M.A., Kent State University

TERRENCE BRIZZ, *Lecturer of Business Administration*
 Ed.M., Case Western Reserve University

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 M.B.A., Ashland University

CHAD E. COOK, *Lecturer of Business Administration*
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 International Management

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MICHAEL C. KOPKAS, *Lecturer of Business Administration*
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DAVID KORNBLUTH, *Lecturer of Business Administration*
 J.D., Case Western Reserve University

DONALD E. LEFELAR, *Lecturer of Business Administration*
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ROBERT H. LOEFFLER, *Lecturer of Business Administration*
 A.A. Prince Georges Community College; B.A. The William Paterson University of New Jersey; M. Hum., University of Richmond; J.D., Cleveland State University

LORI K. LONG, *Lecturer of Business Administration*
 B.A., Bowling Green State University; Master of Labor Relations, Cleveland State University

CHARLES MINER, *Lecturer of Business Administration*,
 B.S., University of Rochester

LINDA MUREN, *Lecturer of Business Administration*
 M.B.A., Case Western Reserve University

MARGUERITE NAGY, *Lecturer of Business Administration*
 M.B.A., Baldwin-Wallace College

KEVIN O'BRIEN, *Lecturer of Business Administration*
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CATALOG INDEX

A

About Baldwin-Wallace College, 3
Academic
 Advising, 27
 Assessment Program, 14
 Calendar, 8
 Department Listings (see Section VIII, 58)
 Dishonesty, Policy on, 36
 Good Standing, 33
 Majors and Related Policies, 10
 Minors, 11
 Opportunities (see Section II, 16)
 Performance Categories, 33
 Procedures for Changing, 33
 Probation, 33
 Program (see Section I, 9)
 Programs, Major, Minors, 5
 Reinstatement, 34
 Scholarships, 52
 Support Services (see Section III, 27)
 Suspension, 33
 Telephone Directory, 7
Academic and Cultural Events Series, 30
Accounting, 83
 Certificate, 310
 MBA, 335
Accreditation, 4
ACES (see Academic and Cultural Events Series)
Add/Drop Schedule (see Calendars, 8)
 Policy (Changes in Schedule), 47
Administrative Staff, 394
Administrative Withdrawal
 Evening/Weekend Program, 64
Admission & Registration, 42
 Changes in Schedule, 47
 Conservatory of Music, 42
 Cross-Registration, 47
 Evening/Weekend Program, 43
 Full-time Student Status, 47
 Graduate Programs (see Section IX, 314)
 Half-time Student Status, 47
 International Students, 45
 Registration, 46
 Returning Students (Readmission), 46
 Special Students, 46
 Summer Semester, 49
 Transfer Students, 43
 Undergraduate, 42
 Transient Course Work, 45
 Undergraduate Day Students, 42

 Withdrawal, 48
Adolescent Young Adult (7-12) Education License, 142
Advanced Placement Program (AP), 16
Advising, 27
Affiliated Programs with Community Colleges, 44, 91
Aging Studies (see Gerontology)
Alpha Sigma Lambda, 57
American College Testing Program (ACT), 42
Anthropology (see Sociology and Anthropology)
Application Procedures (see Section V, 42)
Applied Communications Certificate, 311
Art, 61
 Education Major, 62
 History Major, 61
 Studio Art Major, 62
 Minors, 63
Arts Management Program, 68
Asian Studies Minor, 71
Assessment Program, Academic, 14
Assessment, Prior Learning, 23
ASSIST Program, 30
Assistance, Gift, 52
Astronomy, 73
Athletic Coaching Minor, 190
Athletic Philosophy Statement, Division III, 3
Athletic Training Major, 186
Attendance Policy, 34
Attending Other Institutions (Transient), 45

B

Bachelor Degrees, 9
Baldwin-Wallace Ministerial Grant, 52
Baldwin-Wallace Mission Statement, 3
Biology and Geology Major, 74
 Biology Minor, 75
 Geology Minor, 75
 Medical Technology, 79
Board of Trustees, 398
Brain Leadership Studies Minor (see Leadership Studies Minor)
Broadcasting/Mass Communications Major, 104
Buckhorn Chair in Economics, 134
Business Administration, Major, 82
 Minor, 83
 MBA Programs, 329-372
 Accounting, 83
 Finance, 84
 Human Resources, 86

Management, 87
Marketing, 89
2+2 Programs with Community
Colleges, 91

C

Calendar, 2005-06, 8
 Full Semesters, 8
 Minimesters, 8
Cancellations, Class, 47
Career Services, 27
Carmel Living Learning Center, 26
Categories of Academic Performance, 33
Certificate Programs, 55, 310
 Accounting, 310
 Applied Communications, 311
 Computer Information Systems, 311
 Gerontology, 181
 Human Resource Management, 312
 Leadership, 312
 Organizational Development, 313
Changes in Schedule, 47
 Day Students, 47
 Evening/Weekend Students, 47
Chemistry Major, 98
 Minor, 99
Church Relatedness Statement, 3
CLEP (College Level Examination Program),
 23
College
 101 (Freshman Experience), 15, 102
 Core Curriculum, 9, 58
 Courses, 102
 Credit Recommendation Service, 22
 Gift Assistance, 52
 Grants, 43
 Level Examination Program (CLEP), 23
 Policies, 32
Communication Majors, 104
 Broadcasting /Mass Communication
 Major, 104
 Communication Studies Major, Minor, 105
 Communication Disorders Major, 105
 Minor, 106
 Film Studies Major, 107
 Public Relations Major, 106
 Minor, 107
Community Outreach (see Leadership Studies
 Minor)
Composition, Music Major, 233
Comprehensive Examinations, 13
Computer Science Major, 116
 Computer Science Concentration, 118
 Information Systems Analyst
 Concentration, 116

 Network Analyst Concentration, 117
 Web Applications Engineer Concentration,
 119
 Computer Information Systems Minor, 117
 Computer Science Minor, 120
 Computer Information Systems Certificate,
 311
Computer Services (see Information
 Technology)
Conservatory of Music (see Music)
Conservatory of Music, Admission to, 42
Continuing Education, (see Evening/Weekend
 Program)
Core Curriculum, 9, 58
Credits
 Graduation, Required for, 13
 Junior Status, 32
 Major, 10
 Minor, 10
 Senior Status, 32
 Sophomore Status, 32
 Transfer, 10
Criminal Justice Major, 126
 Minor, 127
Cross-Registration Program, 47
Cum Laude, 14
Cuyahoga Community College, 44, 91

D

Dance Minor, 190
Dean's List, 14
Degrees, Academic, 9
Departments, Academic (see Section VIII, 58)
Departmental Thesis/Project, 19
Disability Services for Students, 30
Disciplinary Probation, 32
Dishonesty Policy, Academic, 36
Disorders, Communication Major, 105
 Minor, 106
Diversity Studies Minor, 130
Domestic Programs of Study, (see
 Explorations/Study Abroad)
Dormitories (See Residence Halls)

E

Early Childhood Education License, 139
Ecuador, Seminar in, 24
Economics Major, 132
 Buckhorn Chair in Economics, 134
 Minor, 134
 Mathematical Economics Major, 133
 Secondary Education Licensure, 134
Edge Hill College (England), 24
Education, 138

- Adolescent Young Adult (7-12) License, 142
 - Early Childhood License, 139
 - Masters of Arts Program, 314
 - Master's + License Program, 149, 321
 - Middle Childhood License, 140
 - Mild/Moderate Educational Needs License, 143
 - Multi-age Education License, 142
 - Praxis II Test Results, 148
 - Education, Music, 237
 - Emeriti Faculty, 391
 - Engineering, Binary Program (see Physics)
 - English Major, 160
 - Education, 162
 - Minor in Literature, 162
 - Minor in Writing, 161
 - Entrance to the College (see Admission & Registration)
 - Environmental Studies Minor, 168
 - Europe, Seminar in, 24
 - Evening/Weekend Program (see Section VII, 64)
 - Academic Advising, 56
 - Academic Programs, 55
 - Administrative Withdrawal, 54
 - Financial Aid, 56
 - Registration, 47, 56
 - Schedules/Formats, 64
 - Tuition and Fees, 56
 - Examinations, Comprehensive, 13
 - Executive Management MBA Program, 348
 - Exercise Science Major, 188
 - Expenses, Student, (see Section VI, 50)
 - Explorations/Study Abroad Program, 24
 - Seminar in
 - Ecuador, 24
 - Europe, 24
 - Student Teaching in England, 24
 - Institutional Partners, 24
 - American University (Washington, DC), 25
 - Edge Hill College (England), 24
 - University of Sunshine Coast (Australia), 25
 - Ewha University (Seoul, Korea), 25
 - Self-designed Study Abroad, 25
 - USA Tour, 24
- F**
- Faculty
 - Active, 373
 - Emeriti, 391
 - Option, S/U Grading 12
 - Federal
 - Pell Grant, 52
 - Perkins Loans, 52
 - Supplemental Educational Opportunity Grant, 52
 - Subsidized & Unsubsidized Stafford Loans, 52
 - Fees, 50
 - Field Experience, Education, 145
 - Film Studies Major, 107
 - Financial Aid, 51
 - Employment Assistance, 52
 - Evening/Weekend Students, 52
 - Full-time Students, 52
 - Gift Assistance, 52
 - Loan Assistance, 52
 - Part-time Students, 52
 - Scholarships, 52
 - Transfer Students, 52
 - Financial Obligations and Refunds, 35
 - Food Service, 51
 - Foreign Languages and Literatures, 168
 - French Major, 169
 - Minor 170
 - German Major, 170
 - Minor, 171
 - Humanities Course Descriptions, 180
 - Italian Language Courses, 177
 - Spanish Major, Minor 177
 - Placement of Students, 168
 - French Major, 169
 - Minor, 170
 - Placement of Students, 168
 - Freshman Forgiveness Policy, 12
 - Freshman Experience (COL 101), 15, 102
 - Full-time Student Status, 32, 47
- G**
- Geology Minor, 75
 - German Major, 170
 - Minor, 171
 - Placement of Students, 168
 - Gerontology Minor/Certificate, 181
 - Gift Assistance, Financial, 52
 - Good Standing, Academic, 33
 - Grade Points, 11
 - Grading System, 11
 - S/U Grading (Pass/Fail), 12
 - Graduate Programs (see Section IX, 314)
 - Graduation Requirements, 13
 - Conservatory of Music, 223
 - Graduate Study, 28, 314
 - Grants, Financial, 52
- H**
- Half-time Status, 47
 - Health Insurance Plan (see Other Fees)

Health and Physical Education, 183
 Core Curriculum Requirements, 59, 183
 Athletic Training Major, 186
 Exercise Science Major, 188
 Health Promotion and Education Major, 189
 Physical Education Major, 184
 Pre-Physical Therapy Major, 187
 Sport Management Major, 185
 Minors, 190
 Health Promotion and Education Minor, 190
 History, Major, 200
 Minor, 201
 History and Literature, Music Major, 230
 Honors, Graduation, 14
 Honors Program, 16
 Humanities
 Core Curriculum Requirements, 59
 Course Descriptions, 180
 Human Resource Management Certificate,
 312
 Human Resources MBA, 360

I

Identification Card (see Jacket Express)
 Independent Study Program, 20
 Information Technology, 28
 Institutional Partners, 24
 Instrumental Performance Major, 224
 Interdepartmental Majors, 10
 International Baccalaureate Program, 16
 International MBA, 366
 International Students, 46
 International Studies,
 Core Requirements, 60
 Major, 207
 Minor, 212
 Internship Program, 21
 Italian Language Course, 177

J

Jacket Express, 51
 Junior Status, 32

L

Lakeland Community College, 44, 91
 Language,
 English, 160
 Foreign, 168
 Leadership Certificate, 312
 Leadership Studies Minor, 213
 Learning Center, 29
 Library, Ritter, 28
 Liberal Arts and Sciences, 215

Liberal Arts Core Curriculum, 58
 Liberal Arts, Music Major, 239
 Licensure, Education, 139
 In Other States, 144
 Lifelong Learning (see Evening/Weekend
 Program)
 Literature
 English, 160
 Foreign, 168
 Literature Minor, English, 162
 Loan Assistance, 52
 Lorain County Community College, 45, 92

M

Magna Cum Laude, 14
 Majors, 6, 10, Section VIII, 58
 Interdepartmental, 6, 10
 Related Policies, 10
 Student-created, 10
 Management, 87
 Management Minor, 88
 Marketing, 89
 Master of Arts in Education, 314
 Master of Business Administration, 329
 Accounting, 335
 Entrepreneurship, 342
 Executive Management, 348
 Health Care, 354
 Human Resources, 360
 International Management, 366
 Master's+License Program, 149, 321
 Math Lab (Learning Center), 29
 Mathematics Major, 216
 AP Calculus Credit, 217
 Core Requirements, 58
 Dual Major with Economics, 222
 Minor, 217
 Mathematical Economics, (see Economics)
 Teaching, 217
 Mathematical Economics Major, 133
 Medical Technology, 79
 Methodist Church, United, Affiliation 3
 Ministerial Grant, 52
 Middle Childhood Education License, 140
 Mild/Moderate Educational Needs License,
 143
 Military Call to Active Duty Policy, 48
 Minimester Calendar, 8
 Ministerial Grant, 52
 Minors, Academic, 7, 11
 Mission Statement, Baldwin-Wallace, 3
 Multi-age Education License, 142
 Music, 223
 Admission, 42
 Composition Major, 233

Education Major, 237
Graduation Requirements, 223
History and Literature Major, 230
Jazz Emphasis, 239
Instrumental Major, 224
Keyboard Major (Piano, Organ) 225
Major with Liberal Arts, 239
Musical Theatre Major, 228
Preparatory/Adult Education Program, 241
Therapy Major, 235
Theory Major, 232
Voice Major, 227
Arts Management Music Minor, 68, 240
Music Minor, 240

N

Natural Sciences, 10, 59
Neuroscience Major, 254
 Minor, 256
New Student Fee, 50
Non-Discriminatory Policy, 3

O

Off-Campus Study (see Explorations/Study
 Abroad)
Ohio Instructional Grant, 52
Ohio Student Choice Grant, 52
Opportunities, Academic (see Section II, 11)
Option, S/U Grading
 Faculty, 12
 Student, 12
Option #3 Program (see Master's+License
 Program)
Organ, Piano Major, 225
Organizational Development Certificate, 313
Organizational Leadership Major, 259
Other Fees, 50
Overseas Study, (see Explorations/Study
 Abroad)

P

Part-time Status (Half-time), 47
Pass/Fail Grading, 12
Payment Terms (see Financial Obligations
 and Refunds)
Pell Grant, 52
Performance Categories, Academic 33
Procedures for Changing, 33
Perkins Loans, Federal 52
Personal Wellness Minor, 190
PLUS Loans, Federal, 52
Philosophy Major, 262
 Minor, 263

Physical Education (see Health and Physical
 Education)
Physical Education Major, 184
Physics Major, 266
 Engineering, Binary Program, 267
 Minor, 270
Piano, Organ Major, 225
Political Science Major, 276
 Minor, 277
Pre-Engineering, 267
Pre-Physical Therapy Major, 187
Preparatory/Adult Education Program, 241
Prior Learning, Assessment of, 23
Probation
 Academic, 32
 Disciplinary, 32
Probationary Status, 32
Psychology Major, 284
 Minor, 285
 Neuroscience Major, 254
 Minor, 256
Public Relations Major, 106
 Minor, 107

R

Readmission (see Returning Students)
Records, Student, 49
Recreation Minor, 190
Refunds, 35
 Graduate Programs (see Section IX, 314)
Registration,
 Day Students, 46
 Evening/Weekend Students, 47, 56
 Graduate Students (see Section IX, 314)
 Changes in Schedule, 47
 Cross-, 47
Reinstatement, Academic, 34
Religion Major, Minor, 292
Requirements
 Core Curriculum, 10, 58
 Graduation, 13
 Conservatory, 223
 Graduate Programs (see Section IX, 314)
 High School, 42
Residence Halls, 50
Returning Students, 46
Ritter Library, 28
Room and Board (see Residence Halls)

S

Satisfactory-Unsatisfactory Grading System,
 12
Schedule Changes (see Changes in Schedule)
Schedule, Evening and Weekend Program, 64

Scholarships, 52
 Scholastic Aptitude Test (S.A.T.), 42
 Sciences
 Natural, 10, 59
 Social, 10, 59
 Seminar
 in Ecuador, 24
 in Europe, 24
 Semester, Summer, 49
 Semester Calendar, 8
 Minimester Calendar, 8
 Senior Status, 32
 Service Learning (see Leadership Studies
 Minor)
 Social Sciences, 10, 59
 Social Work Affiliated Program, 297
 Sociology & Anthropology Major, 298
 Minor, 300
 Sophomore Status, 32
 Spanish Major, Minor 177
 Placement of Students, 168
 Special Academic Programs
 (Evening/Weekend), 55
 Special Students, 46
 Speech Communication (see Communication)
 Sport Management Major, 185
 Stafford Loans, Federal, 52
 Statement of
 Mission, Baldwin-Wallace, 3
 Church Relatedness, 3
 Division III Athletics Philosophy, 3
 Status,
 Sophomore, Junior, Senior, 32
 Full-time, 32, 47
 Half-time, 32, 47
 Student
 Created Majors, 10
 Employment Assistance, 52
 Expenses and Financial Aid, (Section
 VI, 50)
 Fee, 50
 Loans, 52
 New Deposits, 52
 Option, 12
 Records, 49
 Status, 47
 Teaching (see Education)
 Teaching in England, 24
 Study Abroad Center (see Explorations/Study
 Abroad
 Program)
 Summa Cum Laude, 14
 Summer Semester, 49
 Supplemental Educational Opportunity
 Grants, 52
 Suspension, Academic, 33

T

Telephone Directory, Academic, 7
 Terms of Payment (Financial Obligation), 35
 Theatre Major, Minor, 306
 Theory Major, Music, 232
 Therapy Major, Music, 235
 Thesis/Project, Departmental, 19
 Transfer Students, 43
 Transient Coursework, 45
 Trustees, Board of, 398
 Tuition, 50
 Audit, 50
 Conservatory of Music, 50
 Evening/Weekend, 56
 Graduate (see Section IX, 314)
 Undergraduate, 50
 Full-time, 50
 Part-time, 50
 Tutoring (Learning Center), 29
 Two + Two Programs with Affiliated Colleges,
 44, 91

U

United Methodist Church
 Affiliation, 3
 Ministerial Grant, 52
 Student Loan, 52
 Unsubsidized Federal Stafford Loan
 for Independent Students, 52
 U.S.A. Tour, 24
 Upward Bound Program, 30

V

Voice Major, 227

W

Washington Semester Program, 25
 Withdrawal, 48
 Work-Study Program, 52
 Writing Lab, 29
 Writing Minor, English, 161