

# COLLEGE ADDRESSES

All mail should be sent to:

Massachusetts College of Liberal Arts  
375 Church Street  
North Adams, MA 01247-4100  
(413) 662-5000  
admissions@mcla.edu

E-mail address:

**Address your correspondence to the appropriate office indicated below:**

## **Admission of Students**

Ms. Denise Richardello  
Dean of Enrollment Management  
(413) 662-5410  
drichard@mcla.edu

## **Advising Information**

Dr. Stephen Green  
Associate Dean of Academic Support Services  
(413) 662-5400  
sgreen@mcla.edu

## **Alumni Information**

Ms. Ellen Kennedy  
Chief Advancement Officer  
(413) 662-5224  
ekennedy@mcla.edu

## **Business Information**

Dr. James Stakenas  
Vice President for Administration and Finance  
(413) 662-5245  
jstakenas@mcla.edu

## **Catalogs and Brochures**

Ms. Denise Richardello  
Dean of Enrollment Management  
(413) 662-5410  
drichard@mcla.edu

## **Financial Aid**

Ms. Elizabeth Petri  
Director of Financial Aid  
(413) 662-5219  
epetri@mcla.edu

## **Housing**

Ms. Dianne Manning  
Director of Student Life  
(413) 662-5249  
dmanning@mcla.edu

## **Scholarships**

Ms. Elizabeth Petri  
Director of Financial Aid  
(413) 662-5219  
epetri@mcla.edu

## **Student Affairs**

Dr. Scott Kalicki  
Dean of Students  
(413) 662-5231  
skalicki@mcla.edu

## **Student Bills**

Mr. James Cozzaglio  
Bursar  
(413) 662-5230  
jcozzagl@mcla.edu

## **Transcripts and Records**

Ms. Kathleen Goff  
Director of Student Records and Registrar  
(413) 662-5216  
kgoff@mcla.edu

## **Undergraduate and Graduate Academic Information**

Dr. John Frazee  
Vice President for Academic Affairs  
(413) 662-5242  
jfrazee@mcla.edu

Dr. Monica Joslin  
Dean of Academic Studies  
(413) 662-5207  
mjoslin@mcla.edu

***MASSACHUSETTS COLLEGE  
OF LIBERAL ARTS***

*North Adams, MA*

***CATALOG***

***2003 - 2004***

Welcome to Massachusetts College of Liberal Arts.

In 1983, I was awarded a Bachelor of Arts in Sociology from this College. What I learned as a student here prepared and supported me for a career path that began with working with at-risk youth and led to my appointment as President of this wonderful school. I am honored to return to my alma mater as its eleventh President, and I am happy to invite you to join the MCLA community.

While the mission of the College has evolved over time, we remain committed to a deeply held principle of providing a rich, high quality liberal arts educational experience. There is little doubt that we are living and working in challenging times. To meet these challenges successfully, we must reach a true understanding of what it means to be part of a global society, find new ways to address complex cultural, social, and scientific problems, and be ready to adapt to an economy which continues to evolve rapidly. A liberal arts education provides the best foundation upon which to build a lifetime of learning. Within this context, we continue to offer exceptional professional programs in Business and Computer Science as well as teacher preparation and licensure.

At MCLA, your learning experiences can be tailored to fit your needs. Smaller class sizes enrich individualized interaction with our talented and dedicated faculty. We continue to work hard to improve the quality of the total campus environment, including giving special attention to student life outside the classroom. The Board of Trustees and I are committed to continuing to improve our campus facilities, an important component for a quality education. When you make the decision to come to MCLA, you will be welcomed and supported by caring faculty, staff and administrators who are committed to your success.

Massachusetts College of Liberal Arts, located in the beautiful Berkshire hills of western Massachusetts, is part of an exciting cultural and artistic community with a natural environment that abounds with great opportunities for skiing, hiking, and a wealth of outdoor activities. Our students play an integral role in the surrounding community. Additionally, our alumni are making us proud through their important work around the world.

At MCLA, we have a rich history and proud traditions. Our standards are high, and we expect to meet yours. Please join us.

Sincerely,

Mary K. Grant, ('83)  
President

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## **Mission Statement**

Massachusetts College of Liberal Arts is a public, residential, liberal arts college, which offers both undergraduate and graduate programs. Its distinctive purpose is to provide a high quality alternative to private liberal arts institutions at a lower cost.

Special features include selective admission, small classes, individualized attention, and academic excellence in an attractive college setting. A challenging curriculum provides flexibility for motivated students to shape their own course of study and encourages them to combine traditional coursework with experiential learning, such as internships, study abroad, and other field experiences. Working with a diverse student body in an intellectually challenging environment, MCLA faculty and staff develop liberally educated citizens with the knowledge, perspectives, critical thinking abilities, and values necessary to become active members of their communities and leaders in their chosen professions.

To accomplish this mission, we seek to develop curricula that integrate liberal arts and professional studies; affirm the value of excellent teaching and reward scholarly and creative activity; expand opportunities for experiential learning to include field experiences, community service, international programs and independent studies; create a campus community that fosters intellectual, cultural, social and recreational activities that enrich education and where the value and worth of all people are affirmed and celebrated; achieve greater diversity within our faculty, administration, staff, and student body; challenge students to succeed and support them in their efforts; and extend our cultural and educational resources to enhance the quality of life in the Berkshires.

## **Accreditation Statement**

Massachusetts College of Liberal Arts is accredited by the New England Association of Schools and Colleges, Inc., a nongovernmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that the institution meets or exceeds criteria for institutional quality, which are periodically assessed through a peer review process. An accredited school or college has the resources necessary to achieve its stated purposes through appropriate educational programs, does so substantially, and gives reasonable evidence that it will continue to do so in the foreseeable future. Accreditation also requires the demonstration of institutional integrity.

## **Nondiscrimination Policy**

Massachusetts College of Liberal Arts is committed to maintain and promote a policy of nondiscrimination on the basis of race, creed, religion, color, gender, sexual orientation, age, disability, veteran status, marital status, and national origin. This policy incorporates by reference and where applicable the requirements of Federal Executive Orders 11246 and 11375 as amended; the Civil Rights Act of 1964 as amended; the Civil Rights Restoration Act of 1988; the Civil Rights Act of 1991; Title IX of the Higher Education Rehabilitation Act of 1973; the Americans with Disabilities Act of 1990; Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974; and pertinent Laws, Regulations and Executive Orders; directives of the Board of Higher Education, the Board of Trustees of Massachusetts College of Liberal Arts and the Commonwealth of Massachusetts, and other applicable local, state, and federal statutes.

Information concerning the College's Affirmative Action Plan may be obtained from the Affirmative Action Office located in Mark Hopkins Hall, Room 1.

# THE COLLEGE AND ITS HISTORY

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Massachusetts College of Liberal Arts is the public liberal arts college of Massachusetts. As one of the nine state colleges within the Massachusetts Public Higher Education System, it is a small and primarily residential college of approximately 1,500 undergraduate students.

Surrounded by the beautiful mountains and valleys of Berkshire County, the College is located in North Adams, a city of about 15,500 in the northwest corner of Massachusetts, close to Vermont and New York state. North Adams is readily accessible by automobile from all parts of the Commonwealth (Boston is three hours away) eastern New York, and southern Vermont, and by regular bus service from Boston, Springfield, New York City, Troy, and Albany.

The College was founded in 1894 and was initially known as North Adams Normal School. The first student body numbered thirty-two women and three men. They were instructed by a faculty of four in a two-year diploma program for the preparation of teachers. The campus consisted of two buildings, now known as Murdock Hall and Smith House. In 1932 the Normal School became the State Teachers College at North Adams and was authorized to offer a four-year program leading to the Bachelor of Science in Education. In 1937 graduate courses leading to the degree Master of Education were added to the curriculum.

In 1960 the name of the College was changed to North Adams State College, signaling its newly-acquired authorization to also grant degrees in the liberal arts and professional fields. A period of rapid expansion began in 1968 after the establishment of the Board of Trustees of the Massachusetts State College System. By 1976 the student body had grown from 800 to over 2,000. As academic programs expanded, the physical plant was enlarged to now comprise 20 buildings, including a nearby and extensive athletic facility.

Throughout its history, Massachusetts College of Liberal Arts has stressed the dual importance of liberal education and professional preparation. In 1992, the College reaffirmed this emphasis on a strong liberal arts foundation for its professional programs. In recognition of its commitment to the liberal arts, it was officially named Massachusetts College of Liberal Arts on August 14, 1997.

# ADMISSIONS

Dean of Enrollment Management: Denise Richardello, M.Ed.  
(413) 662-5410, drichard@mcla.edu

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Massachusetts College of Liberal Arts seeks to admit candidates who wish to participate in a challenging academic life and who exhibit potential for growth. The admissions requirements and procedures are designed to assist the College in selecting qualified students who can benefit from the educational experience and contribute to the Massachusetts College of Liberal Arts community. The College also has a strong commitment to promoting diversity and strives to attract students from varying backgrounds.

**Admissions Information and Personal Visits** - The College strongly encourages prospective students and their families to visit the campus. Currently enrolled MCLA students conduct tours of the campus on weekdays and specific Saturdays. To request admission information or to schedule a visit, please call the Admissions Office at (413) 662-5410 or 800-292-6632 or visit our website at [www.mcla.edu](http://www.mcla.edu).

## **Admission Requirements and Procedures**

**Freshmen Admission Requirements** - MCLA's admission standards are selective and decisions are made on an individual basis after careful review of all academic credentials. Freshman applicants must meet the Massachusetts Board of Higher Education admissions standards and possess a high school diploma or equivalency at the time of enrollment. In order to be considered for admission, applicants must meet the minimum eligibility index (a sliding scale based on high school grade point average and SAT I or ACT test scores) and successfully pass the 16 academic units listed below. Meeting the minimum standards does not guarantee admission to Massachusetts College of Liberal Arts.

**Application Form** - The application for admission to Massachusetts College of Liberal Arts requests information about a student's academic background, extracurricular activities, and personal accomplishments. High school applicants are invited to apply during the fall of their senior year, whereas other freshmen applicants possessing a high school diploma or its equivalent may apply any time prior to the semester of intended enrollment. Applications are reviewed on a rolling admission schedule, and students are accepted to the College until all spaces are filled. A \$25.00 application fee must accompany the application. Students may also apply for admission on-line at [www.mcla.edu](http://www.mcla.edu).

**High School Record** - All freshmen applicants must submit an official copy of their high school record, including at least the first quarter senior grades. An applicant is evaluated on the total high school profile consisting of the applicant's overall grade point average, curriculum, and level of competition. All high school grade point averages are recalculated and considered in comparison to the Eligibility Index. For more information on grade point average calculation and the Eligibility Index, please contact the Admissions Office. Applicants are conditionally admitted to MCLA until a final transcript is received verifying the students high school graduation or equivalent. Specifics on grade-point average requirements and other admission criteria can be obtained by contacting the Admissions Office at (413) 662-5410.

**High School Unit Requirements** - The unit requirements listed below apply only to the traditional student recently graduated from high school and serve as evidence of the student's ability to complete college-level course work. Units must be at college preparatory level. Completion of these academic units demonstrates competencies required for college preparation, but does not guarantee admission to the College. Exempted from these unit requirements are those students who have been out of high school for three years or more, and have obtained a GED three years after their anticipated high school graduation year.

A. English	4 units
B. Mathematics	3 units
C. Science	3 units
D. Social Science	2 units
E. Foreign Language	2 units
F. Electives	2 units
Total:	16 units

- A. English courses must cover both composition and literature and should include the development of reading, writing and comprehension skills.
- B. Mathematics courses must include algebra I, II, and geometry or trigonometry, or comparable coursework.
- C. Science courses including 2 units with lab work.
- D. Social Science courses including one year of United States history.
- E. Foreign language must be two years of a single language.
- F. Elective courses selected from additional college preparatory courses or from the above subjects or from Arts & Humanities or Computer Science.

**Standardized Test Scores** - Candidates for admission to the freshman class must submit official copies of the College Board Scholastic Aptitude Tests (SAT I) or the American College Testing scores (ACTs). The following students are exempt from submitting SAT/ACT scores as part of the admissions review:

- Applicants who have been diagnosed as developmentally disabled (must submit verification).
- Applicants who possess a GED, high school equivalency (whose high school class graduated 3+ years prior to applying).
- Applicants who have been high school graduates for three years or more.

The following students may be exempt from some portions of Massachusetts College of Liberal Arts' minimum admission requirements and are evaluated for admission on alternative academic credentials as stated in the specific sections below.

- Educationally disadvantaged applicants, which includes students from low-income families and first generation college students. The students in these categories have the opportunity to improve their academic skills through programs offered by the College's Learning Services. (see Special Admission-Individual Enrichment Program Section).
- Students transferring after receiving an associate's degree with 2.0 GPA or higher or a minimum of 12 credits of college-level courses and GPA of 2.5.

The Admissions Office determines whether students have met any of these factors through documentation and a personal interview.

**Admission of Students with Learning Disabilities** - Scholastic Aptitude Test Scores are not required of students with specific documented learning disabilities; however, submission of the standard scores is helpful in an admission evaluation. A minimum grade-point average is required. Students with documented learning disabilities are required to submit their high school transcript for evaluation. A letter from the appropriate special education official defining the student's specific learning disability must be submitted as documentation. Students are encouraged to forward the results of a recent psycho-educational test battery conducted within the past three years by either the appropriate special education official at their high school or a physician or licensed psychologist from an approved evaluation center. A complete test battery includes:

- Measure of intellectual potential (WAIS or WISC-R)
- Assessment of specific achievement levels
- Assessment of specific cognitive abilities (language, perceptual, attentional, memory, conceptual, and planning abilities)
- Assessment of emotional/personality components

Like all other documentation, a psycho-educational battery is held in strict confidence and reviewed in order to assess the qualifications of the applicant.

## **Other Freshmen Admission Programs**

**Individual Enrichment Program (IEP)** - The Individual Enrichment Program consists of support services designed to assist students who might be unprepared to meet the demands of college. Applicants to the IEP freshman class are evaluated through a careful examination of high school records, SATs, participation in extra-curricular activities, and interpersonal skills. A minimum high school grade point average of 2.0 is required to be considered for IEP. An IEP application must be submitted in addition to the Massachusetts College of Liberal Arts admissions application.

The Individual Enrichment Program requires a four-week residential summer seminar. The summer seminar offers courses in learning strategies: reading and study skills, Writing for College, Individual Enrichment Seminar, Mathematics for College, and Concepts in College Mathematics. The program is offered at no cost to students.

**Early Action Program** - Qualified students are encouraged to apply to the College for Early Action (a non-binding decision). Students must submit their admissions application, high school transcripts, and SAT scores by December 1 to be evaluated for the next fall semester.



# ADMISSIONS

Dean of Enrollment Management: Denise Richardello, M.Ed.  
(413) 662-5410, drichard@mcla.edu

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**Special Admission Category** - Freshmen applicants not meeting MCLA's minimum standards may be considered for admission under the Special Admit Category. MCLA admits a small percentage of students in this category with consideration given to applicants demonstrating the following: extra college-preparatory units, an increase in high school academic performance during junior and senior year, an academic profile that misses the Eligibility Index by a small margin. An interview and additional recommendations may be required for consideration as a special admit.

The Individual Enrichment, Special Admission and Nontraditional student programs all require a minimum of 2.0 (recalculated grade point average) to be considered for admission. Space is extremely limited in these programs, hence students need to apply early.

**Nontraditional Student Admission** - Students who have been high school graduates for three years or more can apply to the College by submitting a copy of their high school record or GED scores. Personal interviews are strongly recommended to make an accurate assessment of student skills and abilities. A minimum grade point average is required for admission.

**Transfer Student Admission** - Massachusetts College of Liberal Arts welcomes qualified students to apply for transfer admission. A student who has earned a minimum of 12 semester hours of college-level credit from an accredited institution may be considered as a transfer student. Transfer students must have earned a high school diploma or equivalent.

Transfer applicants are evaluated on the basis of their previous college course work. To be considered for admission, a student must minimally have a cumulative grade point average of 2.5 (12-23 college level credits) or a 2.0 (24 + college-level credits) on a four-point scale. At the time of acceptance, the student will receive a Transfer Credit Analysis (TCA) listing what courses have been accepted and how they fulfill core and major requirements. The following information must be forwarded to the Admissions Office:

- Massachusetts College of Liberal Arts Admission application and \$25.00 fee.
- Official college transcript(s) from each college attended.
- Official high school transcript if student has not earned an Associate's degree (verifying high school graduation).
- Financial aid transcript (if applying for financial aid) should be sent directly to the Financial Aid Office.

Transfer students begin to accumulate a new grade point average once enrolled at Massachusetts College of Liberal Arts. Transfer students must satisfy all degree and graduation requirements expected by the College including a 45 credit residency, 39 credits of upper level course work, **one half** of their academic major requirements and any unfulfilled core curriculum requirements. Transfer students should review the college policies as stated under the Academic Information and Policies section of the catalog.

**Transfer Articulation Agreements** - Massachusetts College of Liberal Arts has developed transfer articulation agreements with the following two year colleges. Admission preference and optimum transferability of credits are ensured for those students who apply from these colleges:

Adirondack Community College  
Berkshire Community College, Pittsfield, MA  
Bunker Hill Community College, Boston, MA  
Dean College, Franklin, MA  
Greenfield Community College, Greenfield, MA  
Herkimer Community College, NY  
Hudson Valley Community College, Troy, NY  
Maria College, Albany, NY  
Massachusetts Bay Community College, Wellesley, MA  
Massachusetts Communications College, Boston, MA  
Middlesex Community College, Bedford, MA  
Mt. Wachusett Community College, Gardner, MA  
North Shore Community College, Lynn, MA  
Rockland Community College, Suffern, NY  
Roxbury Community College, Boston, MA  
Schenectady Community College, Schenectady, NY  
Suffolk Community College, Brentwood, NY  
Tunxis Community College, Farmington, CT

Additional articulation agreements are being developed. Students should contact the Admissions Office for further information.

**Joint Admission** - Students beginning their academic career at a Massachusetts Community College may be eligible for joint admission to Massachusetts College of Liberal Arts. Massachusetts College of Liberal Arts will guarantee admission to all B.A. & B.S. programs to transfer students who possess a 2.5 GPA and have completed an Associates Degree in an approved transfer program. Contact the Admissions Office for further information.

**Massachusetts Transfer Commonwealth Compact** - Students transferring to Massachusetts College of Liberal Arts from a Massachusetts Community College may be eligible for accommodation under the Commonwealth Transfer Compact. Eligibility is contingent upon the completion of an Associates Degree in a transfer program, 2.0 grade point average, and completion of a minimum core as specified by the Compact. The community college from which the student is applying must identify on the transcript whether the candidate has fulfilled the Compact requirements. Special accommodations and admissions preference are offered to students under the compact. Students should contact their community college's transfer counselor or the Admissions Office at Massachusetts College of Liberal Arts for further information regarding the Compact.

**International Student Admission** - International students are encouraged to apply to the College by April 1<sup>st</sup> for fall term and Nov. 1<sup>st</sup> for spring. The following documents must be submitted to the Admissions Office:

- Massachusetts College of Liberal Arts Admissions Application and \$25.00 application fee
- Academic Transcripts (official copies) of high school or college work translated into English
- Curriculum guide for international school
- The Test of English as a Foreign Language (TOEFL) score (minimum score 550). Applicants whose native language is English need not submit the TOEFL exam scores. Students may submit the English Language Proficiency Test (ELPT) instead of the TOEFL
- Certificate of Eligibility containing a statement of the student's financial resources. This form is sent to the student after the College receives an application

Federal regulations specify that candidates for financial aid must be citizens or legal residents of the United States. If the student is not a citizen or resident of the United States, all educational expenses must be paid from the student's personal resources. Proof of ability to pay one full year's tuition, fees, room, and board must be received before the College can submit an I-20 form.

**Readmitted Students** - Students who have previously attended Massachusetts College of Liberal Arts and have withdrawn in good academic standing prior to earning their degree may apply for readmission to the College by submitting an admissions application. If the student completed additional course work at another institution after leaving Massachusetts College of Liberal Arts, an official transcript of this course work must be forwarded to the Admissions Office (see transfer credit policy). Any outstanding obligations to the college, such as financial commitments, must be reconciled prior to readmission.

Students who have been academically suspended from the College must file an admissions application. Suspended students must meet specific criteria and complete courses outside of MCLA to be considered for re-admission (see section on Academic Suspension). Students are required to contact the Dean of Enrollment Management to discuss re-admission and course selection.

**Part-Time Day or Evening Enrollment** - Matriculated students are admitted to an undergraduate degree program and may enroll at MCLA either full time (12 credits or more) or part time (less than 12 credits). Tuition and fees are prorated based on the number of credits in which a student is enrolled (see Expense section). Matriculated students must meet the appropriate academic standards as indicated in the admissions section.

Students interested in enrolling in a course or courses prior to matriculating may do so and are considered non-matriculated or "non-degree" students. Non-matriculated students do not formally apply for admission but may register through the Registrar's Office for fall, spring or summer sessions. Non-matriculated students are not eligible for financial aid and are allowed to register after matriculated students. To be eligible to earn a degree, students must be matriculated.

All students have the option of attending MCLA's day or evening classes since we operate on a "One-College" system. Some major programs can be completed through the evening program. For more information contact the Admissions Office, Registrar's Office or the Advising Center.

**Certificate Programs** - The College offers the following nondegree certificate programs: Accounting Certificate Program, Day Care, Information Systems. Applications for certificate programs are made to the Admissions Office.

# EXPENSES

Bursar: James Cozzaglio, B.S.A.  
(413) 662-5210, jcozzagl@mcla.edu

The approximate yearly cost of attending Massachusetts College of Liberal Arts in 2003-2004 will be \$14,544 for a full-time in-state student and \$26,128 for a full-time out-of-state student. These costs include tuition, fees, room, board, books, and supplies. Transportation and personal expenses will vary with individual student needs. *While the College estimates annual total expenses as accurately as possible, entering students are advised that all charges are subject to change without notice.*

## Application and Admission Expenses

Application Fee	\$ 25.00	
Acceptance Deposit	\$ 100.00	(deducted from tuition) billing upon enrollment (nonrefundable)
Room Deposit	\$ 50.00	campus housing residents only, deducted from spring semester room rent (nonrefundable)
Orientation Fee	\$ 100.00	charged to student fee, invoice upon enrollment

## General Expenses

### Tuition

<u>Residents of Massachusetts:</u>			<u>NEBHE/New York State:*</u>		
Full-time	\$ 1,030.00	per year	Full-time	\$1,545.00	per year
Part-time	\$ 42.92	per credit	Part-time	\$ 64.38	per credit
<u>Nonresidents:</u>					
Full-time	\$ 9,975.00	per year			* If eligible
Part-time	\$ 415.63	per credit			

### College Residence\*

Berkshire Towers	\$ 1,473.00	per semester
Hoosac Hall	\$ 1,723.00	per semester
Townhouse Apartments	\$ 1,560.00	per semester

\*Rates based on double room, Hoosac Hall based on premium single room

### Board

Full Board Plan *		
(9 meals plus 425 points)	\$ 1,337.00	per semester
* Full Board Plan is required for residency required students		
7 Meals Per Week Plan	\$ 1,132.00	per semester
(plus 375 bonus dollars)		
Declining Balance Plan	\$ 250.00	

This plan allows you to use the declining balance program at any of the dining facilities.

### Fees

Campus Support Fee	\$ 2,053.50	per semester
Student Activity Fee	\$ 100.00	per semester
Capital Improvement Fee	\$ 30.00	per semester

Students will be billed as full-time (12 hours) students. At the end of the add-drop period, accounts will be verified with the Registrar and appropriate adjustments to charges made.

### Special Fees

Graduation Fee	\$ 100.00	seniors only
Parking Fee	\$ 25.00	per semester
Residence Life Program Fee	\$ 20.00	per year for on-campus residence
Student Teaching Fee	\$ 75.00	
Technology Fee	\$ 182.00	per semester for residence students
Private Music Lessons	\$ 400.00	per course
Late Registration Fee	\$ 75.00	
Late Payment Fee	\$ 75.00	

# EXPENSES

Bursar: James Cozzaglio, B.S.A.  
(413) 662-5210, jcozzaglio@mcla.edu

## Insurance

Mandatory health insurance will appear as a charge on the student invoice unless the College receives a completed student health insurance waiver form prior to billing.

**Disclosure Statement** - To promote awareness of the net expense of public higher education, the following information on the true cost of education at Massachusetts College of Liberal Arts, inclusive of state subsidies, is provided in the following disclosure statement.

### **Net Tuition and Fees Price (FY03-04) MA Resident**

Full cost per student (MA resident)	\$14,217.00
Less: state subsidiary	(\$10,620.00)
Tuition & Mandatory Fees	\$ 4,197.00
Less: average financial aid grant	(\$ 2,410.00)
Net direct cost to student*	\$ 1,787.00

\*Student may also be eligible for the Hope Tax Credit or the Lifetime Learning Credit (see your tax advisor).

Please recognize that these costs do not include room, board, travel, and personal expenses, which vary from student to student. Financial aid grants are averages based on the amount of funds available and the number of students who apply. Other forms of aid may be available, such as local grants or student loans. The above costs are estimates and may not reflect a student's actual invoice.

**New England Regional Student Program** - Massachusetts College of Liberal Arts participates in a regional cooperative program administered by the New England Board of Higher Education. This program enables qualified residents of New England to study at in-state tuition rates plus a 50% surcharge on tuition in certain programs at any of the publicly supported New England institutions of higher education. The following rules apply:

**Uniqueness Rule.** When a program of study is not offered at an in-state institution, a qualified student may apply for enrollment at any participating out-of-state institution offering that program under the Regional Student Program.

**Proximity Rule.** When a program of study is offered at both an in-state and an out-of-state institution, and the out-of-state institution is closer in traveling time to a qualified student's legal residence, he/she may apply to the out-of-state institution.

For further information, contact the Admissions Office or the New England Board of Higher Education, 45 Temple Place, Boston, MA 02111.

**Payment of College Bills** - Bills will be mailed prior to the beginning of each semester and must be paid by cashier's check or money order payable to Massachusetts College of Liberal Arts and be received in the Bursar's Office by the close of business on the due date printed on the bill. The College offers a budget plan for tuition payment. Information about this service will be forwarded to students each year or may be obtained from the Bursar's Office. The College also accepts Visa, Mastercard, and American Express for payment.

**Refund Policy for Nonrecipients of Financial Aid** - This refund policy applies to all students at Massachusetts College of Liberal Arts who are not recipients of financial aid.

<b><u>Tuition, Fees, Room, Board</u></b>	
Withdrawal prior to 8th class day	90 %
Withdrawal prior to 20th class day	50 %
Withdrawal prior to 40th class day	25 %
Withdrawal after 40th class day	No refund

# EXPENSES

Bursar: James Cozzaglio, B.S.A.  
(413) 662-5210, [jcozzagl@mcla.edu](mailto:jcozzagl@mcla.edu)

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**Refund Policy for First-Time Financial Aid Recipients** - This refund policy applies to all entering students at Massachusetts College of Liberal Arts who are first-time recipients of financial aid. (This also includes students whose parents have borrowed under the PLUS Loan Program). This policy applies to all tuition, room, board, fees, and other assessed charges (except nonrefundable housing and admissions deposits when applicable).

Prior to the first day of school opening		100%
Prior to the beginning of :	second week	90%
	third week	85%
	fourth week	80%
	fifth week	75%
	sixth week	70%
	seventh week	65%
	eighth week	60%
	ninth week	55%
	tenth week	50%
	eleventh week	45%

**Withdrawal Policy** - All undergraduate matriculated (degree seeking) students withdrawing from Massachusetts College of Liberal Arts must complete a withdrawal form through Advising Services.

Director: Elizabeth Petri, M.Ed.  
(413) 662-5219, epetri@mcla.edu

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## FINANCIAL AID

Students are awarded financial aid according to need. Applicants who meet the College's published financial aid deadlines will receive priority consideration. Although financial aid programs operate under specific federal and state guidelines, every effort is made to consider each student's particular family financial situation.

To apply for financial aid, complete a Free Application for Federal Student Aid (FAFSA). The FAFSA is submitted to Federal Student Aid Programs, P.O. Box 7001, Mt. Vernon, IL 62864-0071 for processing. In addition to the FAFSA, a Massachusetts College of Liberal Arts Application for Financial Aid must be submitted to the College's Financial Aid Office. A signed copy of the family's prior year Federal Income Tax Return may be required for verification purposes. Consideration of eligibility for financial aid is made when these documents have been received and the student has been accepted to the College.

Typically, a financial aid award is a "package" combining grant, loan, and part-time employment assistance. For information regarding financial aid loans, grants, scholarships, or work study programs, please refer to the Financial Aid Handbook or contact the Financial Aid Office.

**Veteran Affairs** - Massachusetts College of Liberal Arts administers a number of education programs for veterans, service persons, and eligible dependents.

Montgomery GI Bill (Active Duty)  
Vietnam Era GI Bill Conversion  
Montgomery GI Bill (Selected Reserve)-Chapter 106  
Veterans' Education Assistance Program (VEAP)  
V.A. Work Study  
Academic Credit For Military Training  
Twelve Months of Tutorial Benefits  
Limited Loan Program

# THE UNDERGRADUATE CURRICULUM

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**Overview** - Graduation from MCLA requires completing 120 credits of academic work. From these 120 credits, 28-40 are college-wide Core Curriculum courses. Students also complete a major. Elective credits, another one-third of the 120 total, may be used to meet the requirements of a second major or minors. Of the 120 credits required for graduation, at least 39 must be in upper-division courses (300-level or higher), and at least 45 credits must be earned in residence at the College. To graduate, students must achieve at least a 2.0 grade point average overall and a 2.0 in their major.

As part of its commitment to improve learning, the College periodically assesses its educational programs. All students are expected to participate in these assessments by the College or departments. Students may be required to prepare portfolios, take tests, write reflective essays, complete surveys, or perform tasks related to assessment. Faculty advisors can inform students about requirements related to departmental assessment programs.

**Major Programs** - Typically, one third or more of a student's college learning is devoted to a major. A major is a program of courses and learning experiences clustered in a sphere of intellectual inquiry, usually an academic discipline. The major calls upon students to develop proficiency in a particular field of knowledge. It increases the powers of reason and analysis through undertaking structured, cumulative study and using specialized methods of investigation particular to an academic discipline or profession.

The College offers fourteen major programs (see the following pages). Some majors include optional concentrations. All majors consist of a required sequence of courses, with some provisions for electives. Each academic major listed in this catalog includes a description of its particular learning goals.

**Minor Programs** - The College has many minor programs (see the following pages). A minor is a cluster of courses around an academic discipline, similar to a major but less intensive. Students often major in one field of academic study and minor in another. A minor promotes breadth in intellectual development and expands career possibilities.

**Undeclared Student Program** - A student may enroll at MCLA not knowing which major he or she wants to choose. For those who wish to explore various areas of academic knowledge and eventual careers, MCLA offers a special program of liberal studies for undeclared students. The Undeclared Student Program is designed to support individuals who wish to experiment with a variety of academic disciplines. By doing so, students may prepare to make informed choices when selecting a major. Each student is assigned an advisor who assists with academic planning. Undeclared students are encouraged to use MCLA's Career Services Office and SIGI PLUS (computerized career decision-making program) to enhance their academic and career choices. The Undeclared Student Program is administered by the Advising Services Office. For further information on this program, please contact the Office of Career Services.

All MCLA students must declare a major program of study by the time they attain junior status. Transfer students entering the College with junior status have one semester to declare a major. Students already in a major may become Undeclared if they wish to explore other majors. This is usually done within the first two years of college.

**Electives** - Electives constitute the third segment of a student's curriculum. These are courses that lie outside the credit-hour requirements of core curriculum and the major program. Electives may be taken within the major field to improve competency in the major; they may be taken to complete a second major; they may be used to meet the requirements of one or more minors; or they may be taken in a variety of fields to gain broader knowledge.

## **Other Components of the Undergraduate Curriculum**

**Honors Program** - The Honors Program consists of courses and events specifically tailored to challenge highly motivated students. The Program promotes a strong bond among students and builds upon their shared interests. More than a set of interesting courses, the Honors Program is a community of scholars who mutually give and receive intellectual encouragement and support. The Honors Center provides member students and faculty their own lounge, library, computers, and seminar room. Honors courses may meet Core Curriculum and some departmental major requirements. To graduate with All-College Honors, students must complete at least six honors courses with a "B" or better and have an overall grade point average of 3.4 or better. Students who complete a capstone senior project may qualify to graduate as "Commonwealth Scholars". For more information about the Honors Program, consult the website (<http://www.mcla.edu/honr/>) or contact Professor David Langston, Honors Program Director, at (413) 662-5371 or [dlangsto@mcla.edu](mailto:dlangsto@mcla.edu).

# THE UNDERGRADUATE CURRICULUM

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## Honors Societies

Alpha Chi - Alpha Chi is a national society and a member of the Association of College Honor Societies. Its objective is the stimulation, development, and recognition of scholarship. Alpha Chi encourages students to continue their development through graduate work, awards prizes and stipends, supports scholarship programs, and conducts regional and national conventions where invited students share their research and creative work.

Alpha Lambda Delta - Alpha Lambda Delta is a national society that honors academic excellence during a student's first year in college. Its purpose is to encourage superior academic achievement among students in the first year to promote intelligent living and a high standard of learning and to assist students in recognizing and developing meaningful goals for their roles in society.

Alpha Psi Omega - Alpha Psi Omega is the national honor society in drama. To be eligible for membership, one must demonstrate expertise in all areas of theatre. Founded in 1925, Alpha Psi Omega is the largest honor society for theatre in the United States and Great Britain. Membership is recognized as professional work experience by major theatrical unions.

Delta Mu Delta - Delta Mu Delta is a national honor society for business administration majors, with membership in chapters at fully accredited private and public colleges and universities across the country. To be eligible for MCLA membership, students must 1) be majors in business administration; 2) have successfully completed 60 credits toward the baccalaureate degree with a minimum 3.25 cumulative average.

Lambda Iota Tau - Lambda Iota Tau is an international literature honors society. To belong, a student must major or minor in literature with at least six semester hours completed, achieve a 3.0 cumulative GPA or higher, and be in the top 35% of one's class.

Phi Alpha Theta - Phi Alpha Theta is a professional society for promoting the study of History through the encouragement of research, good teaching, publication, and the exchange of ideas among historians. It brings students, teachers, and writers of history together both intellectually and socially. The Alpha Beta Omega Chapter of Phi Alpha Theta honors students who have completed 12 credit hours of history courses and maintained a 3.0 cumulative average in their other collegiate studies.

Pi Lambda Theta - Pi Lambda Theta is the honor society for outstanding professionals in Education. Organized in 1910, Pi Lambda Theta provides leadership development for its members, promotes academic excellence at all educational levels, encourages an environment for professional growth, and fosters leadership for the profession. Membership in this select organization is open to undergraduate education majors who have achieved a 3.5 average, to individuals who have completed a master's degree or 30 hours of graduate credit, or to those who have completed a bachelor's degree and have five years of professional experience and have made distinguished contributions to education.

Psi Chi - Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Psi Chi is a member of the Association of College Honor Societies and is affiliated with both the American Psychological Association and the American Psychological Society, the professional societies for psychologists in the United States.

Society of Physics Students - The Society of Physics Students (SPS) is a member society of APS, The American Physical Society, which is the primary professional society for those interested in Physics. A member society of SPS is  $\Sigma\Pi\Sigma$ , the National Physics Honor Society. Induction into  $\Sigma\Pi\Sigma$  is by election and based on grades and other achievement in the study of Physics. The MCLA chapter of SPS is open to all Physics majors and others who have an interest in Physics and the study of physical phenomena.

**Independent Study** - Most academic departments offer opportunities for independent study in areas not covered by their normal course offerings. The intent is to provide a valuable experience of independent research, analysis, and reporting that will enhance the student's grasp of a subject and develop the motivation, skills, and discipline of independent work.

Independent Study proposals must be approved *before or during the first week of each semester*. Proposals are developed jointly by the instructor and student and require approval of the Department Chairperson and the Dean of Academic Studies. Students are limited to a maximum of 12 credit hours of independent study during their four years of college; freshmen and, under most circumstances, sophomores are excluded from the option. The number of credits to be earned in any independent study course is determined by the instructor at the time the proposal is submitted and may vary from one to three credits, depending on the project objectives, difficulty, or complexity.



# THE UNDERGRADUATE CURRICULUM

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**International Education** - As a member of the College Consortium for International Studies (CCIS), Massachusetts College of Liberal Arts offers students of all majors the opportunity to study throughout the world for a semester or an entire year. Programs are available in Europe, Asia, Latin America, and Africa. Students must have a minimum 2.5 GPA in sixty credits before applying. For more information, contact Ms. Sharron Zavattaro, Director of Study Abroad at (413) 662-5332 or szavatta@mcla.edu.

**Internships** -The College recognizes the value of internship as an educational experience. To this end, each academic department may establish an internship program in accordance with College policy. Applicants must be matriculated juniors or seniors with a minimum GPA of 2.0. Some departments may have higher GPA requirements. Students may earn up to 15 credit hours of internship experience during their four years of college.

Students should consult with individual academic departments or the Registrar for more information about internship programs.

**Travel Courses** - Massachusetts College of Liberal Arts offers interested students one- and two-week travel-study courses during January, March, or Summer. Proposed trips for January, 2003 will take interested students to Cuba or Hawaii. March, 2003 trips are planned for China, Australia, and Europe. MCLA's travel courses are academic courses that also meet regularly on campus before and following travel. They include a normal academic experience of reading, research, and reporting. The courses are typically junior-level, carry three upper-level credits toward graduation, and are an excellent opportunity to combine travel and study. Some travel courses may earn Core Curriculum credit. For more information, contact the Dean of Academic Studies at (413) 662-5207 or mjoslin@mcla.edu.

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

## GRADUATE EDUCATION

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Graduate programs in education prepare leaders who provide and promote excellence in their professions. MCLA's Graduate Programs are flexible enough to accommodate students who wish to become master teachers, team leaders, or administrators. Courses are offered in North Adams and at additional sites in the region.

### **Programs Offered**

**Master of Education.** Concentration areas are available in Administration (School Principal or Supervisor/Director), Special Education, reading, individualizing instruction, curriculum, and other areas.

**License: School Principal/Assistant Principal (PreK-6, 5-8, 9-12).** May be taken as a license program only or as a concentration within the M.Ed. Program. Massachusetts Licensure for this program requires a passing score on the Massachusetts Tests for Educator Licensure (Communication and Literacy).

**License: Supervisor/Director (all levels).** May be taken as a license program only or as a concentration within the M.Ed. Program. Massachusetts Licensure for this program requires a passing score on the Massachusetts Tests for Educator Licensure.

**License: Special Education (PreK-8, 5-12).** May be taken as a license program only or as a concentration within the M.Ed. Program. Massachusetts Licensure for this program requires a passing score on the Massachusetts Tests for Educator Licensure.

**Graduate Admission** - Students wishing to enroll in the graduate program should apply to the Graduate Admissions Committee through the Education Department. A graduate catalog, information, and application are available from Advising Services or the Education Department at (413) 662-5381 or ebarber@mcla.edu.

### **Honor Societies**

**Pi Lambda Theta** - Pi Lambda Theta is the honor society for outstanding professionals in Education. Organized in 1910, Pi Lambda Theta develops leadership skills and promotes academic excellence, provides an environment for professional growth. Membership in this select organization is open to undergraduate education majors who have achieved a 3.5 average or to individuals who have completed either a master's degree or 30 hours of graduate credit, or who have completed a bachelor's degree and have five years of professional experience while making distinguished contributions to education.

# ACADEMIC PROGRAMS AT A GLANCE

ACADEMIC DEPARTMENT	MAJOR PROGRAM (S)	CONCENTRATIONS WITHIN MAJORS*	MINOR PROGRAM (S)
Biology	Biology (B.A.)	Medical Technology Pre-Med Sports Medicine	Biology
Business Administration and Economics	Business Administration (B.S.)	Accounting Business Administration	Business Administration Economics
Chemistry			Chemistry
Computer Science	Computer Science (B.S.)		Computer Science Information Technology
Education	Education (B.S. Ed.) Education (M.Ed.)	Early Childhood** Elementary** Middle School** Secondary Education**	Special Education+
English/Communications	English (B.A.)	Broadcast Media Corporate Communications Dramatic Literature Film Studies Journalism Literature Public Relations Writing	English Literature
Environmental Studies	Environmental Studies (B.A.)	Environment and Society Environmental Science	Environmental Studies
Fine and Performing Arts	Fine and Performing Arts (B.A.)	Art Arts Management Music Theatre	Art Arts Management Music Theatre
History, Political Science and Geography	History (B.A.)		Canadian Studies Geography History Political Science Women's Studies
Mathematics	Mathematics (B.A.)		Mathematics
Philosophy/Interdisciplinary Studies/Modern Language	Philosophy (B.A.) Interdisciplinary Studies (B.A.)	Law, Ethics, and Society	Philosophy Spanish
Physics	Physics (B.A./B.S.)		Physics
Psychology	Psychology (B.A.)		Psychology
Sociology, Anthropology, and Social Work	Sociology (B.A.)		Anthropology Criminal Justice Health, Aging, and Society Social Work Sociology

\* A concentration is an area of specialization within the scope of the major program in which a student is enrolled; it is not itself a formal program leading to a degree.

+ The special education minor does not qualify a student for licensure as a special needs educator; it does, however, prepare one for future graduate study in that field.

\*\* Licensure programs in education are available in each of these areas.

# COURSES OF INSTRUCTION

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## **Course Numbering System**

Courses are numbered according to the code below. Courses from 100-299 are lower division courses. Courses numbered 300 and above are upper division courses and call for more advanced work. In general, the higher the course number the more sophisticated the work required. Students must complete at least 39 credits of upper division work in order to graduate.

- 100 - 150 Freshman/Introductory courses
- 151 - 299 Normally sophomore-level courses
- 300 - 399 Courses requiring a level of work expected of juniors
- 400 - 499 Courses requiring a level of work expected of seniors
- 500 - 599 Field experience: independent study, internships, student teaching

In general, the higher the course number, the more likely the listing of a prerequisite to successfully perform well in a course. A content or skill prerequisite might be listed where prior conceptual knowledge or an ability level is crucial for success. Other examples of prerequisites might be completion of core courses or an indication of required class status, for example, junior or senior. Courses list prerequisites that are appropriate indicators of the level of preparation needed.

## **Key to Abbreviations and Symbols**

cr credit (one credit is earned for each semester hour of class work; three hours of class per week for a semester earns three credits)

\* Course offerings are subject to change without notice due to reasons of faculty staffing or sufficient enrollment

The information contained in this course catalog are not part of the student enrollment contract.

# CORE CURRICULUM

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Typically, colleges divide the four years of academic study into three categories of learning. Students usually take one third of their credits in a major, one third as electives, and one third in a college-wide curriculum that fosters the institution's central mission and values.

## WHAT IS CORE CURRICULUM ?

The Core Curriculum is an innovative and interdisciplinary program designed around our liberal arts mission. A liberally educated person learns to approach the unknown using powerful tools of inquiry and to see the familiar in new and deeper ways. By its very nature, becoming a liberally educated person is a life-long voyage of discovery. Liberal Arts students connect rather than compartmentalize knowledge and are well equipped for life in the twenty-first century.

## THE DOMAINS OF KNOWLEDGE - TIER I AND TIER II

Core Curriculum is an interdisciplinary exploration of ideas and experiences organized into four areas or domains of knowledge. These broad categories are **Creative Arts, Human Heritage, Self and Society,** and **Science and Technology.** At MCLA these four domains of knowledge are studied at two levels: a broadly interdisciplinary and often team-taught Tier I course, and a more specific Tier II course that builds on Tier I learning.

## COMMUNICATION COMPETENCIES

In today's increasingly complex and competitive world, graduates of MCLA must be effective readers, writers, speakers, and thinkers. They should also be familiar with essential mathematical operations and with how computer technology enhances communication and assists in solving problems. As citizens of a global society, students should also understand a language other than their native tongue. In addition to exploring domains of knowledge, MCLA's Core Curriculum strengthens communication skills.

## TIER III - A CAPSTONE SEMINAR

The Core Curriculum at MCLA concludes with a senior-level capstone seminar. This interdisciplinary investigation among students and professors builds on the Core Curriculum skills of research, communication, computation, and critical thinking.

## CORE CURRICULUM REQUIREMENTS

### TIER I REQUIREMENTS (Completed prior to 60 credits)

CCCA	100	Foundations in the Creative Arts	3 cr
CCHH	100	Human Heritage	3 cr
CCSS	100	Self and Society	3 cr
CCST	100	Science and Technology	<u>3 cr</u>
			<b>12 cr</b>

**TIER II REQUIREMENTS** (Completed prior to 90 credits. A Tier I course must be completed before taking a Tier II course in the same domain. Students may take more than one Tier II course in each domain.)

Tier II Creative Arts Course	3 cr
Tier II Human Heritage Course	3 cr
Tier II Self and Society Course	3 cr
Tier II Science and Technology Course	<u>4 cr</u>
	<b>13 cr</b>

# CORE CURRICULUM

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## **COMMUNICATION COMPETENCY REQUIREMENTS** (Completed prior to achieving 60 credits.)

Competency may be demonstrated by an assessment test, a portfolio, initial college placement, or a college course.)

Computing Competency	3 cr
Mathematics Competency	3 cr
Speech/Language Competency	3 cr
Writing/Research Competency	<u>3 cr</u>
	<b>12 cr</b>

## **CAPSTONE REQUIREMENT** (Completed during senior year.)

One Interdisciplinary Capstone Course	<u>3 cr</u>
	<b>3 cr</b>

## **TOTAL CORE CURRICULUM REQUIREMENTS** **28-40 cr**

## TIER I COURSE LISTINGS

*Students must successfully complete each of the following Tier I courses prior to attaining 60 credits.*

### **CCCA 100 Foundations in the Creative Arts** **3 cr**

Explores basic themes shared by all arts and addresses important aspects of artistic expression. One is the relationship between vision and reality. Another is how various arts are constructed. The interplay between artist and audience is also explored. Students learn how different arts interact with one another. Examples of artworks include physical objects as well as performances. Field trips and hands-on experience augment readings and discussion as students explore the creative experience.

**Prerequisite:** None

### **CCHH 100 Human Heritage** **3 cr**

Seeks to develop a greater understanding of pervasive themes that have characterized the human experience. Such themes as change and continuity, conflict and cooperation, and domination and self-determination are explored through such resources as common readings and commentaries, guest speakers, and class discussions. Examples from different times and places are used to compare and contrast universal themes in the human experience.

**Prerequisite:** None

### **CCSS 100 Self and Society** **3 cr**

Explores the interplay between an individual's identity and one's larger social context. We discover a deeper sense of self only as we come to better understand the formative values of a society that shapes us. Our better knowledge of self allows us to react to society: to accept or challenge the institutions and values around us. The ultimate benefit may be the ability to influence both self and society.

**Prerequisite:** None

### **CCST 100 Science and Technology** **3 cr**

Develops student familiarity with major concepts in physical, biological, chemical, and computer sciences as a foundation for understanding the natural world. Basic concepts will be applied to contemporary issues.

**Prerequisite:** None

# CORE CURRICULUM

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## TIER II COURSE LISTINGS

*Students must successfully complete one Tier II course from each domain prior to attaining 90 credits. Students must complete one Tier I course within each domain prior to enrolling in a Tier II course within the same domain. Students may take a Tier II course prior to completion of ALL Tier I requirements as long as the Tier I in that domain has been successfully completed. And students may take more than the one required Tier II course in each domain*

### CREATIVE ARTS, TIER II

#### **CCCA 200 The Arts of Native America**

**3 cr**

Deepens students' understanding of the basic Creative Arts questions through close examination of case studies drawn from works of art produced by Native American artists in both traditional and modern settings. Artistic genres will be drawn from traditional artifacts, novels, film, poems, traditional tales, quest visions, and modern painting and sculpture.

**Prerequisite:** CCCA 100

#### **CCCA 201 American Identity**

**3 cr**

Concentrates on the creative potential to shape the student's comprehension of such basic questions as order, value, character and history through exploration of questions, about what it means to be an American as evidenced through literature, art, music and film.

**Prerequisite:** CCCA 100

#### **CCCA 202 The Good Earth: The Theme of Agrarianism**

**3 cr**

Studies agrarian themes and their importance by surveying literature, music, paintings and photography. Focuses on artistic perceptions of the earth and human relationships to it. Explores agrarian traditions, values and beliefs. Includes a study of agrarian social, political and economic issues.

**Prerequisite:** CCCA 100

#### **CCCA 203 Invention of Modernism: Europe in 1900**

**3 cr**

Reviews the conditions that gave rise to this dominant twentieth century philosophy and arts movement by considering how its values and aesthetic ideals dominated film, painting, communication, fashion, theater, architecture and more. Investigates such thinkers and artists as Freud, Gropius, Mahler, Klimt and Schiele.

**Prerequisite:** CCCA 100

#### **CCCA 205 Popular Hollywood Films of the 1950's**

**3 cr**

Uses the basic concepts and insights of CCCA 100 for examining the ways in which American popular film of the 1950's incorporates ideas and society reality into its modes of representation. Explores the relationships between American films and American popular culture.

**Prerequisite:** CCCA 100

#### **CCCA 206 Rumi's Vision**

**3 cr**

Studies the poetry, life, and times of the great 13<sup>th</sup> century Sufi mystic, Jelaluddin Rumi. For students who want to expand their horizons and explore a view of reality that is not based on secular materialism. Because of excellent modern translations, Rumi is rapidly becoming one of the most relevant and powerful poets of our time.

**Prerequisite:** CCCA 100

#### **CCCA 207 Children's Literature: A Lively Art**

**3 cr**

Develops a critical understanding of the verbal and visual art of children's literature. Reflects major stories of world art and literature through two centuries of English language publications. Include novels, short stories (including folk tales) and picture books. Readings will be placed in historical, cultural and literary contexts, with emphasis on techniques of writing and publishing as well as pedagogical philosophies.

**Prerequisite:** CCCA 100

#### **CCCA 301 Arts of Medieval and Renaissance England**

**3 cr**

Explores medieval and Renaissance English literature, history, and culture, centering on a 12-day trip to England. Contextualizes literature and cultural heritage via art, architecture, music, theatre, and natural and human landscapes and cityscapes. Weekly meetings preview the trip and discuss a wide range of texts, with attention to the arts. Attendance at museums and performance events in a half dozen English cities.

**Prerequisite:** CCCA 100 and junior status/instructor approval

# CORE CURRICULUM

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## HUMAN HERITAGE, TIER II

### **CCHH 221 Divine Witness**

**3 cr**

Explores the history of revelations as a fundamental way of knowing. Reviews important moments in history when divine witness played a part in shaping civilizations or altering the prevailing sense of reality. Features readings from a variety of texts drawn from many spiritual and esoteric traditions.

**Prerequisite:** CCHH100

### **CCHH 223 The Great Depression**

**3 cr**

Examines the historical, sociological, philosophical, literary, and other aspects of the American Great Depression of the 1930's. Examines the cause and effect of change in persistence during a time of national crisis. Readings are first-hand accounts, documentaries, narratives, and explanatory fiction.

**Prerequisite:** CCHH 100

### **CCHH 224 The Nuclear Age**

**3 cr**

Describes the history of nuclear weapons and nuclear-generated electricity. Considers these technologies from the perspective of national power and security, ethics, diplomacy, technical practicality, safety, and environmental consequences.

**Prerequisite:** CCHH 100

### **CCHH 225 Critical Thinking**

**3 cr**

Critical thinking is the appropriate use of reason; this course thus examines reason itself, as an important and historically influential way of organizing human experience and viewing the world, language, and human emotion. Students will examine and apply basic principles of cogent, sound, or critical reasoning and writing, leading to a deeper understanding of language and the uses of arguments.

**Prerequisite:** CCHH 100

### **CCHH 240 The Holocaust and the Nature of Prejudice**

**3 cr**

Emphasizes helping students to personalize this material, to view the phenomenon of prejudice in their own lives and time and to glean the lessons of the Holocaust for the future. Finally, diverse materials will help students to view the Holocaust as a microcosm of history, of human nature and other timeless and universal issues.

**Prerequisite:** CCHH 100

### **CCHH 305 Post Renaissance Cultural Crises**

**3 cr**

Examines selected texts of writers and thinkers from the post-Renaissance period. Special attention will be given to the vigorous debate over criteria for a moral society that shaped the rise of early modern thought and influenced modern social formation. Readings will be drawn from such figures as Luther, Calvin, Descartes, Milton, Newton, and Spinoza.

**Prerequisite:** CCHH 100

### **CCHH 328 China Travel Course**

**3 cr**

Acquaints students with China's history, culture, and society through visiting historical sites, museums, art performances, universities, and meeting the friendly people of China. The trip will include four Chinese cities: Beijing, Xian, Shanghai, and Boading.

**Prerequisite:** CCHH 100 and junior status or instructor approval

## SELF AND SOCIETY, TIER II

### **CCSS 201 Management**

**3 cr**

Explores the historic development and concepts of modern management theory. Blends behavioral theories of management and social responsibility and presents applications in a variety of organizational settings. Examines the role of managers in today's organizations and in society and studies the complex multicultural, global organizations of today.

**Prerequisite:** CCSS 100



# CORE CURRICULUM

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## **CCSS 202 World Regions and the New Global Order**

**3 cr**

Studies the economic, political, cultural, and physical characteristics of the major regions of the world and the countries within them; discusses how these regions and countries relate and interact at the international level.

**Prerequisite:** CCSS 100

## **CCSS 203 Information and Society**

**3 cr**

Examines the economic, political, social, legal, and ethical aspects of new information technologies (e.g., the internet, databases, software). Drawing on current reports on emerging information technologies and work by social scientists, legal professionals, and philosophers, the course aims to understand the key issues concerning information access, information privacy, and intellectual property.

**Prerequisite:** CCSS 100

## **CCSS 210 Landscapes of Human Activities**

**3 cr**

Provides an understanding of the fundamental identifying traits of a culture; the economic, social, and political systems and institutions societies erect; the cultural landscapes they create; and the impacts societies have on natural systems.

**Prerequisite:** CCSS 100

## **CCSS 260 Schools, The Law and Society**

**3 cr**

Enables students to explore legislation and judicial decisions affecting school policies. Covers separation of church and state, controversial curricula, and rights and responsibilities of students and teachers. Compares America with other cultures regarding equal access to education.

**Prerequisite:** CCSS 100

## **CCSS 261 Citizenship in Theory and Practice**

**3 cr**

Examines the mythologies, origins and operations of the concepts of citizenship, with particular emphasis on student explorations of their roles as political participants.

**Prerequisite:** CCSS 100

## **CCSS 262 Families**

**3 cr**

Explores contemporary American families (the forms they take, the functions they serve, the problems they face) within the context of families of other historical time periods and other cultures. Presents an interdisciplinary examination of topics such as: gender roles, marriage, divorce, and blended families, nonmarital lifestyles, parenting, family policy, and technology's impact on family life.

**Prerequisite:** CCSS 100

## **CCSS 263 Economics & Society**

**3 cr**

Evaluates the contrary facts and conflicting values inherent in business and economic policy decisions, and the ethical problems thus faced by individuals, organizations, and societies. Provides a background in the principles of and concepts of ethics, economics, law and other social sciences needed in order to effectively manage business and ethical problems. Investigates numerous social and economic issues that face individuals, organizations, and societies and requires students to critically analyze and evaluate the decisions that are made regarding those issues.

**Prerequisite:** One Gen Ed Code 32 Course or CCSS 100

## **CCSS 264 Mathematics of Fairness and Equity**

**3 cr**

Introduces Mathematics of Social Choice Axiomatically formulates objective measures of social fairness and equity. Analyses mathematical methods of solutions of social problems to satisfy these axioms. All the problems as well as laboratory projects will be real life social problems.

**Prerequisite:** CCSS 100

## **CCSS 267 Real Men**

**3 cr**

Provides the opportunity to examine and determine the validity of stereo-types as they apply to the image of the American male. Through the use of feature films and selected readings from various disciplines, most from the social sciences, the student will explore, describe, analyze and evaluate the concept, behavior, attitudes and characteristics of "Real Man". The following film genre have been selected: The Wild West; War; Cops & Robbers; Sports. Among the feature films selected are: High Noon; The Magnificent Seven; Casablanca; Dirty Harry; Die Hard; Bull Durham; Slapshot.

**Prerequisite:** CCSS 100

# CORE CURRICULUM

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## **CCSS 268 Culture and the Body**

**3 cr**

Examines the body as a universal experience, a historical and cultural creation, and an ethical issue with policy implications. Explores the religious, medical, socioeconomic, and political foundations of our understanding and treatment of the body, the relationship between socialization and body image, how bodily difference has been used as a basis for inequality, and the impact of globalization of the circulation of body images and the exploitation of bodies. Considers ways in which individuals and groups have challenged body images and modify practices that have harmed or marginalized them.

**Prerequisite:** CCSS 100

## **CCSS 269 Education and Society**

**3 cr**

Studies the role of education as an institution in our society, in our world and in our lives. Through the use of a wide variety of primary sources, documents and fiction, students will become aware of the fascinating people and events that played a role in the development of educational practices and issues. In addition, they will explore the personal, social, economic, political and philosophical aspects of education from the local to the international levels and the many educational controversies that continue to challenge society.

**Prerequisite:** CCSS 100 or Education Department approval

## **CCSS 270 Globalization: Myths and Realities**

**3 cr**

Examines our growing economic, political, social and cultural interconnectedness. Reviews the history of the “globalization” concept. Analyzes corporate dominant model of globalization and “grassroots,” democratic model. Investigates key issues including the power of the World Bank, the role of the media in globalization, and the development of indigenous movements.

**Prerequisite:** CCSS 100

## **SCIENCE AND TECHNOLOGY, TIER II**

### **CCST 230 Energy and the Environment**

**4 cr**

Looks at the impact of current energy usage on our environment from technical, social, and political viewpoints. Investigates the present and projected usage of nonrenewable fuel sources and how modifications due to alternate energy techniques will affect current energy policy. Discusses possible large-scale alternate energy methods. Investigates the scientific aspects of such topics as global warming and ozone depletion. Required laboratory.

**Prerequisite:** CCST 100

### **CCST 241 Discovering Biology**

**4 cr**

Explores the world through the examination of topical issues. The student is presented with hands-on laboratory experiences. Scientific inquiry is encouraged and supported. The student understands the workings of biology from molecule to cell to organism. Approaches to active learning include looking at items and issues from historical, social, and popular press sources. Required laboratory.

**Prerequisite:** CCST 100

### **CCST 242 Chemistry and Its Relation to the World**

**4 cr**

Examines fundamental principles of chemistry, the historical development of chemical theories and how chemistry relates to other scientific disciplines. Laboratory experiments illustrate chemical concepts and relationships to the world.

**Prerequisite:** CCST 100

### **CCST 243 Issues in Human Biology**

**4 cr**

Provides knowledge about the human body, its structure and function. With this as background information, students will assess the significance of social issues presented in the news media. This information will also be a foundation for making knowledgeable decisions regarding quality of life. Bioethical issues will be discussed in connection with each section studied. Students will be able to critically evaluate a large number of issues in this field as presented in scientific publications and the news media. Students will be encouraged to share experiences based on their own culture and gender. The course will increase the student’s awareness of the multiple roles humans play in the society and their environment. Required laboratory.

**Prerequisite:** CCST 100

# CORE CURRICULUM

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## **CCST 244 Neuroscience: Sleep and Dreams**

**4 cr**

Applies the multidisciplinary field of neuroscience to explore basic processes involved in sleep and dreaming. Critical analysis of current scientific research in psychology, biology, and chemistry require that the student be familiar with the scientific method. A required laboratory provides students with opportunities to collect and analyze psychophysiological data.

**Prerequisite:** CCST 100

## **CCST 245 Natural Hazards**

**4 cr**

Studies natural processes which are hazardous in the context of human activities, including relevant geologic, geomorphic, climatic, and meteorologic phenomena; examines the origin and significance of selected hazards from natural and human perspectives and explores how people underestimate or misjudge risk. Required laboratory.

**Prerequisite:** CCST 100

## **CCST 246 From Galileo to Einstein**

**4 cr**

This is an historical survey of physics using basic quantitative analysis. Builds on understanding gained from Science and Technology Tier I while including additional topics. Emphasizes practical applications in daily life. Laboratories provide hands-on experience.

**Prerequisite:** CCST 100

## **CCST 249 The Science of Behavior**

**4 cr**

Provides a comprehensive overview of the scientific investigation of behavior and its relation to genetic, physiological, environmental, and social variables. Required laboratory.

**Prerequisite:** CCST 100

## **CCST 250 New England's Physical Landscape**

**4 cr**

Examines the description, origin, classification, and interpretation of landforms in New England; analyzes geologic, climatic, and biologic factors as landform controls in the region; and shows that certain geomorphic processes are natural hazards. Required laboratory.

**Prerequisite:** CCST 100

## **CCST 251 Mathematics Modeling and the Environment**

**4 cr**

Introduces students to the mathematical modeling process. We shall both study and develop discrete and/or continuous models for phenomena such as population growth, ecology and evolution, surface and ground water flows, air pollution, and hazardous waste management. In addition, we shall investigate the mathematical and scientific topics necessary to develop these models, and discuss related technical and social issues such as regulatory issues, risk analysis, and public health. The mathematics included in this course will be at a pre-calculus level. The course includes a laboratory component and extensive use of computer software.

**Prerequisite:** CCST 100

## **COMMUNICATION COMPETENCY: WAIVERS AND COURSES**

*Students must demonstrate competency (prior to attaining 60 credits) in each mode of communication through an initial college placement, an assessment test, portfolio, or completion of the following courses.*

### **COMPUTING COMPETENCY**

#### **CCCL 100 Computing and Communication**

**3 cr**

Prepares students to use a computer as a tool for communicating in the information age. Topics to be covered include an overview of a computer, networks in general, the Internet, a Windows operating system, and an introduction to a number of computer applications.

**Prerequisite:** None

### **MATHEMATICS COMPETENCY: (Choose one appropriate for your academic major or interests)**

#### **CCMA 100 Elementary Models**

**3 cr**

Uses precise mathematical language and writing as a means to studying real-life mathematical situations. The models will cover linear, trigonometric, exponential, and combinations of these cases.

**Prerequisite:** Based on high school background and SAT scores

# CORE CURRICULUM

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## **CCMA 101 Statistics**

**3 cr**

Introduces methods of descriptive statistics to collect, organize, present, analyze, and interpret data. Uses probability theory to study statistical inferences, including confidence intervals and hypothesis testing. Geared to the needs of non-mathematics majors as a course in the Communications Competency.

**Prerequisite:** None

## **CCMA 102 Mathematics for the Liberal Arts**

**3 cr**

Presents mathematical topics designed to promote mathematical problem solving, reasoning, decision-making, and communication. Students will develop an understanding of the nature, purposes, and accomplishments of mathematics. Topics selected from elementary set theory, logic, number theory, graph theory, voting theory, functions, difference equations, and geometry.

**Prerequisite:** None

## **WRITING/RESEARCH COMPETENCY**

### **CCWR 100 Writing and Research**

**3 cr**

Explores the writing process, including practical writing strategies and techniques, practice and revisions, reading and critical thinking, and research.

**Prerequisite:** None

### **CCWR 101 Writing and Research Laboratory**

**1 cr**

Explores the writing process, including practical writing strategies and techniques, practice and revisions, reading and critical thinking, and research. Serves as a writing intensive complement to a Tier I domain course.

**Prerequisite:** None

## **SPEECH/LANGUAGE COMPETENCY: (Choose one, Speech or Modern Language)**

### **CCSP 100 Forms of Speech**

**3 cr**

Develops basic speaking principles and provides extensive practice in speaking skills necessary for successful college-level performance. Covers adapting topics to purpose and audience; using substantial support for each point; logically developing concepts; speaking with a clear, consistent tone; developing good listening skills; and preparing oral presentations in a variety of settings.

**Prerequisite:** None

## **ANY MODERN LANGUAGE COURSE**

### **For Example:**

FREN 101

ITAL 101

SPAN 101

## **TIER III - A SENIOR INTERDISCIPLINARY SEMINAR**

# BIOLOGY

Chairperson: C. Barre Hellquist, Ph.D.  
(413) 662-5342, bhellqui@mcla.edu

## PROGRAMS AVAILABLE

### BACHELOR OF ARTS IN BIOLOGY BIOLOGY MINOR CONCENTRATION IN PRE-MED CONCENTRATION IN SPORTS MEDICINE CONCENTRATION IN MEDICAL TECHNOLOGY TEACHING LICENSURE

#### **BIOLOGY MAJOR PROGRAM**

The Department of Biology offers a four-year program leading to a Bachelor of Arts in Biology. The program employs traditional and contemporary approaches to the study of life. Students of traditional biology seek to learn and understand plants and animals in their natural environments. Contemporary biology entails detailed exploration of the molecular processes essential to the origin, evolution, and physiological mechanisms of all forms of life. The combination of traditional and contemporary approaches supplies the basic knowledge for molecular biology, allied health, and environmental biology and provides preparation for advanced study in other biological disciplines. Upon completion of their program, graduates will be able to:

- communicate effectively both orally and in writing;
- enhance thinking, reasoning and problem solving skills, so as to build a repertoire of laboratory and other technical skills

#### **Foundation Courses**

BIOL 150	Foundations of Biology (1st semester)	4 cr
BIOL 235	Botany (2nd semester)	4 cr
BIOL 240	Genetics (3rd semester)	4 cr
BIOL 245	Zoology (4th semester)	4 cr

#### **Biology Major Requirements**

BIOL 330	Seminar (2)	2 cr
BIOL 460	Ecology	4 cr
BIOL 480	Cell Biology	4 cr

Biology Electives 9 cr  
upper division biology courses  
(excluding BIOL 315, 316, 336, 337, 338, 484)

CHEM 150	Introduction to Chemistry I	4 cr
CHEM 152	Introduction to Chemistry II	4 cr
CHEM 201	Organic Chemistry I	4 cr
CHEM 202	Organic Chemistry II	4 cr
PHYS 131	General Physics I	4 cr
PHYS 132	General Physics II	4 cr

**TOTAL BIOLOGY MAJOR REQUIREMENTS 59**

#### **BIOLOGY MINOR PROGRAM**

##### **Requirements**

BIOL 100	Concepts in Biology	3 cr
or BIOL 150 Foundations in Biology (4cr)		
BIOL 235	Botany	4 cr
BIOL 240	Genetics	4 cr
BIOL 245	Zoology	4 cr
1 additional upper level 3-4 cr course		<u>3-4 cr</u>

**TOTAL BIOLOGY MINOR REQUIREMENTS 18-19**

#### **CONCENTRATION IN PRE-MED**

The Biology Department's Pre-Med Concentration provides the solid science background necessary for admission to medical school. Because medical schools seek a diverse applicant pool, students may major in any academic discipline. Students must complete one year of biology, two years of chemistry, a year of physics and prerequisite mathematics courses. Pre-med students should also take English courses that provide strong writing skills. In addition to classwork, pre-med students are strongly encouraged to gain experience through undergraduate research, clinical internships, and volunteer work in the medical field. The Biology Department's pre-med concentration facilitates this process.

##### **Pre-Med Concentration Requirements**

Biology Major Foundation Courses		16 cr
BIOL 310	Animal Physiology	4 cr
BIOL 330	Seminar (2)	2 cr
BIOL 360	Biochemistry	4 cr
BIOL 480	Cell Biology	4 cr
PHYS 131	General Physics I	4 cr
PHYS 132	General Physics II	4 cr
CHEM 150	Introduction to Chemistry I	4 cr
CHEM 152	Introduction to Chemistry II	4 cr
CHEM 201	Organic Chemistry I	4 cr
CHEM 202	Organic Chemistry II	4 cr
Biology Electives (upper level Biology)		<u>9 cr</u>

##### **Recommended Courses**

MATH 220 Calculus & MATH 232 Statistics  
1 year of English  
BIOL 314 Anatomy  
Ethics courses

**TOTAL PRE-MED CONCENTRATION  
REQUIREMENTS**

**63**

Chairperson: C. Barre Hellquist, Ph.D.  
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# BIOLOGY

## CONCENTRATION IN SPORTS MEDICINE

The Biology Department offers a program that qualifies students for certification by the National Athletic Trainer's Association. Completion of the required course work and 1500 clinical clock hours fulfills requirements to be eligible for certification as an athletic trainer. Clinical hours are conducted in the MCLA training room under the supervision of the College's Certified Athletic Trainer. Experience in this setting involves work with intercollegiate athletes, intramural programs, special events, and local high school athletes.

Students wishing to enter this concentration must take Beginning Athletic Training and Advanced Athletic Training and make formal application by the end of the freshman year. Grades, career intentions, and interest in sports medicine will be the primary criteria for acceptance into the concentration.

### Sports Medicine Concentration Requirements

Biology Major Foundation Courses	16 cr
BIOL 220 Beginning Athletic Training	3 cr
BIOL 225 Adapted Physical Education	3 cr
BIOL 250 Nutrition	3 cr
BIOL 310 Animal Physiology	4 cr
BIOL 314 Human Anatomy	4 cr
BIOL 315 Humankind and the Environment	3 cr
or BIOL 460 Ecology (4 cr)	
BIOL 316 Functional Human Anatomy	3 cr
BIOL 336 Advanced Athletic Training	3 cr
BIOL 337 Modalities in Athletic Training	3 cr
BIOL 338 Principles & Procedures of Reconditioning Exercise	3 cr
BIOL 440 Physiological Aspects of Exercise	3 cr
BIOL 484 Biomechanical Analysis of Human Movement	3 cr
BIOL 540 Biology Internship	3-15
CHEM 150 Introduction to Chemistry I	4 cr
CHEM 152 Introduction to Chemistry II	4 cr
PHED 108 Community First Aid and Safety	1 cr
PHED 215 Lifetime Wellness	3 cr
PSYC 100 Introduction to Psychology	3 cr
PSYC 210 Developmental Psychology	<u>3 cr</u>

**TOTAL SPORTS MEDICINE CONCENTRATION REQUIREMENTS 75-87**

## CONCENTRATION IN MEDICAL TECHNOLOGY/ CYTOTECHNOLOGY

The Department of Biology offers a four-year program in medical technology.

Students spend their first three years on the Massachusetts College of Liberal Arts campus obtaining a liberal arts education with a broad background in science, thereby providing the education necessary for professional responsibilities. The fourth year of the program consists of an internship in an accredited hospital with a medical technology program. During the hospital internship, students receive clinical laboratory training. Hospitals and adjunct faculty affiliated with Massachusetts College of Liberal Arts are as follows:

BERKSHIRE MEDICAL CENTER, Pittsfield  
 Lori Moore, B.S., MT (ASCP) Educational Coordinator,  
 School of Medical Technology  
 Rebecca Johnson, MD, Medical Director

LIFE LABORATORIES, Springfield  
 Dorothy Lakoma, MT (ASCP), Program Director  
 Hugh McCawley, MD, Medical Director

### Medical Technology Concentration Requirements

Biology Major Foundation Courses	16 cr
BIOL 305 Immunology	3 cr
BIOL 310 Animal Physiology	4 cr
BIOL 314 Human Anatomy	4 cr
BIOL 320 Microbiology	4 cr
BIOL 360 Biochemistry	4 cr
BIOL 540 Internship (Clinical Lab Experience)	30 cr
CHEM 150 Introduction to Chemistry I	4 cr
CHEM 152 Introduction to Chemistry II	4 cr
CHEM 201 Organic Chemistry I	4 cr
CHEM 202 Organic Chemistry II	4 cr
CHEM 310 Analytical Chemistry	<u>4 cr</u>

**TOTAL MEDICAL TECHNOLOGY CONCENTRATION REQUIREMENTS 85**

## TEACHING LICENSURE

Students majoring in biology may opt to pursue initial teacher licensure as an early childhood teacher, elementary teacher, or a middle school teacher. Also, biology majors may pursue initial licensure as a teacher of biology for the middle school or secondary levels. Students seeking any of these licensures must complete a biology major and a licensure program in education.

# BIOLOGY

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(413) 662-5342, bhellqui@mcla.edu

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## COURSE LISTINGS

### **BIOL 100 Concepts in Biology**

**3 cr**

Provides the non-major knowledge of basic biological concepts. Concepts in Biology deals with the development of concepts in the biological science of life. Among the areas to be studied are evolution, genetics, and developmental biology: all deal with the fundamental characteristic of life: its ability to replicate over time. Required laboratory.

**Prerequisite:** None

### **BIOL 105 Human Biology**

**3 cr**

Provides students with knowledge about the structure and function of the human body. Students will develop ability to critically evaluate a large number of issues in this field, as presented in scientific publications and the news media. Students will gain a foundation essential for making knowledgeable decisions regarding quality of life. Students will be encouraged to share experiences based on their own culture and gender.

**Prerequisite:** None

### **BIOL 150 Foundations of Biology**

**4 cr**

Introduces the student to cell biology, mitosis, meiosis, genetics, photosynthesis, respiration and cellular organisms. Required laboratory.

**Prerequisite:** None

### **BIOL 220 Beginning Athletic Training**

**3 cr**

Explores fundamental principles of athletic training, which include terminology, injury cycles, human anatomy, and specific injuries.

**Prerequisite:** None

### **BIOL 225 Adapted Physical Education**

**3 cr**

Provides knowledge and skills to plan, implement, and evaluate motor development and physical education programs for those with special needs. Learning disabilities, mental retardation, sensory disorders, and orthopedic disabilities are some of the areas emphasized.

**Prerequisite:** None

### **BIOL 235 Botany**

**4 cr**

Surveys the plant kingdom through an examination of anatomy, morphology, and reproduction of the major plant divisions. Required laboratory.

**Prerequisite:** BIOL 100 or BIOL 150

### **BIOL 240 Genetics**

**4 cr**

Examines the major aspects of heredity, with emphasis on Mendelian principles as well as multiple genes, linkage, sex chromosomes, chromosome numbers, and biochemical and population genetics. Required laboratory.

**Prerequisite:** BIOL 150

### **BIOL 245 Zoology**

**4 cr**

Introduces the student to the biology of the invertebrate and vertebrate animals of the world through evolutionary and phylogenetic relationships. The course serves as an introduction to the major phyla. Required laboratory.

**Prerequisite:** BIOL 150 or its equivalent

### **BIOL 250 Nutrition**

**3 cr**

Investigates the importance of diet for present and future good health. Examines the importance of carbohydrates, fats, proteins, vitamins and minerals, and their interactions. In addition, the course explores topics such as label-reading, diets, dietary analysis, and other issues of current interest.

**Prerequisite:** BIOL 100 or BIOL 150

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# BIOLOGY

## **BIOL 260 Applied Pharmacology**

**3 cr**

Examines the basic principles of pharmacology and drug usage emphasizing applications to Sports Medicine. Focuses on prescription and non-prescription drugs, their use, actions, indications, contraindications, misuse and abuse. Drugs will be considered on a body system basis with the appropriate consideration of the application of pharmacological principles as applied to specific body systems. Stresses the use of electronic media in both learning exercises and as a source of drug information.

**Prerequisite:** BIOL 220 or department approval

## **BIOL 300 Histology**

**4 cr**

Observes human tissues from the structural and functional viewpoint. Emphasis is placed on cell types and the function of each tissue in the body's organs and organ systems. Required laboratory.

**Prerequisite:** BIOL 240

## **BIOL 305 Immunology**

**3 cr**

Examines the structure and function of antigens, antibodies, and the cellular system of immunity. Additional topics include a study of the complement system, antibody classification, and immunological tolerance. The interaction of all systems will be emphasized.

**Prerequisite:** BIOL 240

## **BIOL 310 Animal Physiology**

**4 cr**

Explores man and other vertebrates, in regard to the structure and function of the basic tissue types and the major organ systems with major emphasis on normal functions and the interactions of each organ system to insure homeostasis. Required laboratory.

**Prerequisite:** BIOL 150

## **BIOL 314 Human Anatomy**

**4 cr**

Covers basic concepts associated with the discipline of Human Anatomy at the cellular histological and gross anatomy level. Body systems such as skeletal, muscular, circulatory, nervous and endocrine are included. Oral and written communications and critical thinking will also be emphasized. Required Laboratory.

**Prerequisite:** BIOL 150

## **BIOL 315 Humankind and the Environment**

**3 cr**

Explores the facts, theories, and basic concepts upon which the biosphere functions. Examines the positive and negative influence of humankind on the environment and how the environment effects humankind's existence. This course may not be used to fulfill any major requirement in biology. Term paper required.

**Prerequisite:** Junior/senior status.

## **BIOL 316 Functional Human Anatomy**

**3 cr**

Studies human anatomy as it pertains to human motion, with respect to anatomical and musculoskeletal fundamentals. Includes a review of anatomy with emphasis on the function of joints and muscles as they relate to normal human movement.

**Prerequisite:** BIOL 100 or BIOL 150

## **BIOL 317 Advanced Genetics**

**3 cr**

Studies selected topics in the field of genetics. Emphasizes the genetic mechanism as well as how this enables us to understand how genetics fits into the growing field of biology as well as its impact upon society.

**Prerequisite:** BIOL 240

## **BIOL 320 Microbiology**

**4 cr**

Investigates procaryotic and viral microbes with emphasis on both general and clinical applications. Major topics covered are taxonomy, anatomy, morphology, reproduction and growth, bacterial control, pathogenicity, genetics, and genetic engineering. Extensive laboratory protocol is provided. Required laboratory.

**Prerequisite:** BIOL 240

## **BIOL 324 Marine Biology**

**3 cr**

Explores the factors that limit the abundance and distribution of marine organisms. Topics include the diversity of habitats, reproductive strategies, and the interrelationships between organisms as well as the influence of currents, light, temperature, and nutrient supply on the abundance and distribution of life in the oceans.

**Prerequisite:** BIOL 235 & BIOL 245 or permission of instructor



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## **BIOL 325 Aquatic and Wetland Botany**

**4 cr**

Introduces the student to the biology of aquatic and wetland plants, including their identification and distribution. Emphasis will be on the plants of New England. Required laboratory.

**Prerequisite:** None

## **BIOL 326 Plant Systematics and Biogeography**

**3 cr**

Studies the history of plant classification, nomenclature, taxonomic principles, evolution, variation among plants, along with a comprehensive view of the major physiographic regions of North America and the biomes of the world.

**Prerequisite:** Permission of instructor

## **BIOL 327 Plants and Society**

**3 cr**

Introduces students to the plants of the world and their influence on various cultures. Topics to be discussed include: economic plants (positive and negative on society), spread of plants by various cultures, world-wide problems due to the movement of plants, and the future of plants in relationship to humans and society.

**Prerequisite:** None

## **BIOL 328 Plant Physiology**

**4 cr**

Studies the growth of plants as influenced by light, temperature, nutrients, and hormones. Required laboratory.

**Prerequisite:** BIOL 100 or 150

## **BIOL 330 Biology Seminar**

**1 cr**

Utilizes a format of individual reports and/or group discussions of current papers, topics, or problems in the biological sciences. One hour weekly.

**Prerequisite:** Junior/senior biology majors

## **BIOL 335 Biology of Australia**

**3 cr**

Introduces the student to the biology of Australia based on the interaction of man with the land, fauna and flora. Topics discussed include the formation of the continent, geography, political boundaries, history of settlement, biogeography and natural history of representative animals including invertebrates, reptiles, birds, and mammals.

**Prerequisite:** junior status or permission of instructor

## **BIOL 336 Advanced Athletic Training**

**3 cr**

Investigates in depth, functional human anatomy and its relationship with mechanisms of injury. Students will develop injury assessment protocols.

**Prerequisite:** BIOL 220

## **BIOL 337 Modalities in Athletic Training**

**3 cr**

Studies neurophysiology and human physiology. Students will learn how these systems are affected when microfailure has occurred. Students will also learn how to use the therapeutic modalities and develop specific protocols that will affect the recovery of the microfailure.

**Prerequisite:** Acceptance into the Sports Medicine Concentration or instructor approval

## **BIOL 338 Principles and Procedures of Reconditioning Exercise**

**3 cr**

Studies the techniques and principles involved in rehabilitation of athletic injuries. Topics included are therapeutic and reconditioning exercise, weight training/conditioning, psychological and physiological considerations, and proper program construction.

**Prerequisite:** BIOL 337

## **BIOL 340 Developmental Biology**

**4 cr**

Investigates the development of plants and animals at the cellular, tissue, and organismal level. Topics include gametogenesis, fertilization, early development, organogenesis, and the control of these processes. Required laboratory.

**Prerequisite:** BIOL 240

## **BIOL 345 Vertebrate Natural History**

**3 cr**

Surveys the life histories, ranges, behavior, and general information of the vertebrates of North America, including fishes, amphibians, reptiles, birds and mammals.

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# BIOLOGY

**Prerequisite:** BIOL 100 or BIOL 150

**BIOL 350 Scientific Photography**

**3 cr**

Explores technical photographic applications. Examines photographic technique, processes, and theory to photograph objects from microscopic to stellar in size. Students undertake a project within their field and must provide their own SLR interchangeable lens camera. Darkroom technique is provided. Required laboratory.

**Prerequisite:** Junior status

**BIOL 360 Biochemistry**

**4 cr**

Surveys the structure and properties of biologically important compounds: carbohydrates, proteins, amino acids, lipids, nucleic acids, and vitamins. Other topics to be covered include enzyme activity, cellular metabolism, and protein synthesis. Required laboratory.

**Prerequisite:** CHEM 202

**BIOL 371 Forest Environment**

**4 cr**

Provides the student a background and introduction to the forest ecosystem. The temperate forest of the Northeast will exemplify the principles discussed. Required laboratory.

**Prerequisite:** Junior status

**BIOL 380 Evolution**

**3 cr**

Examines the history of evolutionary thought and the processes of organic evolution. Students will present selected topics to the class. Guest speakers will present the effects of Darwinian thinking in such disciplines as philosophy, anthropology, psychology, sociology, and religion.

**Prerequisite:** Junior status and/or department approval

**BIOL 385 Mycology**

**4 cr**

Surveys the fungi, fifth kingdom of living organisms. The taxonomy, distribution, morphology, and physiology of particular groups are discussed. Required laboratory.

**Prerequisite:** BIOL 240

**BIOL 395 Special Topics in Biology**

**1-4 cr**

A course or seminar for students who have taken a substantial number of biology courses. This course may explore any of a variety of topics.

**Prerequisite:** Junior/senior status and department approval

**BIOL 440 Physiological Aspects of Exercise**

**3 cr**

Develops an understanding of the phenomena involved in optimum physiological functioning during work performance, whether it be in everyday living or athletic participation. Provides students with an understanding of the physiological aspects of exercise and its practical applications.

**Prerequisite:** BIOL 150, BIO 310, or department approval

**BIOL 460 Ecology**

**4 cr**

Investigates community and ecosystem structure and function, energy transformation, matter cycling, abiotic factors, food webs, symbiosis, and populations. Required laboratory.

**Prerequisite:** BIOL 245

**BIOL 480 Cell Biology**

**4 cr**

Explores the eukaryotic and prokaryotic cell. Examines the cellular processes of transport phenomena, membrane metabolism, growth, and reproduction, with detailed coverage of the ultrastructure and function of cellular organelles. Laboratory emphasizes development of investigative techniques and genetic engineering. Required laboratory.

**Prerequisite:** Senior status

**BIOL 484 Biomechanical Analysis of Human Movement**

**3 cr**

Provides instruction in those competencies essential to the study of the human body as a machine for the performance of work. Enables effective understanding and/or evaluation of motor skills and their effect on the human structure.

**Prerequisite:** BIOL 316

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## **BIOL 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

## **BIOL 510 Independent Research**

**1-3 cr**

For biology majors who desire to conduct research on a specific topic in biology. The research will be under the direction of the instructor and will require a scholarly report.

**Prerequisite:** Department approval

## **BIOL 540 Biology Internship**

**3-15 cr**

Internships in areas such as ecology, molecular/cellular, biology, botanical, microbial science or as health or laboratory teaching assistants may be elected by students of advanced standing. The objective is for students to gain actual field experience in a particular area under professional supervision.

**Prerequisite:** Department approval, junior or senior status

## PROGRAMS AVAILABLE

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION (Business Administration or Accounting Options) BUSINESS ADMINISTRATION MINOR ECONOMICS MINOR TEACHING LICENSURE

#### **BUSINESS ADMINISTRATION AND ECONOMICS MAJOR PROGRAM**

The Department of Business Administration and Economics offers a four-year program leading to a Bachelor of Science in Business Administration. The program is designed to develop liberally educated professionals with the knowledge, perspectives, problem-solving abilities, and ethical values necessary for successful careers and responsible citizenship.

The program offers a strong foundation of required courses combined with a flexible selection of department and non-department courses that gives students a strong base in communication, technical, and administrative skills as well as the opportunity to tailor the major to their own personal and career goals. In consultation with faculty advisors, students select elective courses and/or minor programs in other departments to supplement, refine, and strengthen their major program. The goal is for students to become academically well-rounded and technically prepared for a career in business, government, non-profit organizations, or for graduate study. Students graduating with a degree in business administration are expected to:

- understand and apply professionally marketable knowledge;
- think creatively and critically;
- define, analyze, evaluate, and solve problems;
- express their ideas effectively both orally and in writing;
- apply current information technology tools to business problems;
- be prepared to function effectively in a culturally and demographically diverse environment;
- relate to the needs of the global business community;
- utilize and value a liberal arts education in their personal and professional lives.

The business administration program requires students to complete an 11-course departmental foundation, two support courses from outside of the department, and additional courses in one of two subject areas (Business Administration or Accounting).

#### **Foundation Courses**

BADM 100	Explorations in Business	3 cr
ECON 141	Macroeconomics	3 cr
ECON 142	Microeconomics	3 cr
ECON 216	Statistics for Economics and Business	3 cr
BADM 210	Information Technology for Business	3 cr
BADM 215	Accounting for Managers*	3 cr
	or BADM 221 Financial Accounting I	
BADM 242	Legal & Social Environ. of Business	3 cr
	or BADM 201 Business Law I**	
BADM 260	Management	3 cr
BADM 270	Marketing	3 cr
BADM 340	Financial Management	3 cr
BADM 510	Seminar in Business Policy	3 cr

#### **Required Support Courses**

MATH 101	Concepts of College Math	3 cr
ENGL 303	Writing Prose	<u>3 cr</u>
	or ENGL 305 Magazine Writing and Editing	
	or ENGL 306 Business Writing and Presentation	

\* BADM 215 is recommended for the Business Administration majors, BADM 221 is required for the Accounting majors.

\*\* Business Law I and II (BADM 201 & 303) are recommended for Accounting majors.

#### **FOUNDATION COURSES AND SUPPORT COURSES**

**39**

#### **Subject Requirements**

Students may elect one of two subject areas - Business Administration or Accounting - for completion of their major requirements.

#### **Business Administration Option**

**12**

Students, with their advisors, will select four upper-level courses from any 300 or higher level BADM/ECON courses for which the prerequisites have been met (see course listings). One of these four courses may be chosen from a departmental approved list of non business administration/economics courses.

#### **TOTAL BUSINESS ADMINISTRATION MAJOR REQUIREMENTS**

**51**

# BUSINESS ADMINISTRATION AND ECONOMICS

Chairperson: Nancy L. Ovitsky, Ph.D.  
(413) 662-5306, novitsky@mcla.edu

## Accounting CPA Option

Students who plan on working in public accounting should complete the Certified Public Accountant (CPA) option. This option assists in preparing students for the CPA exam. Students who sit for the CPA exam for the first time after July 1, 2002 must complete 150 credit hours of education, 30 credit hours beyond a Bachelors degree. Through consultation with a faculty advisor, students can meet the additional 30-credit hour requirement at MCLA.

Foundation Courses	33 cr
Required Support Courses	6 cr
BADM 221 Financial Accounting I (Accounting students complete this instead of BADM 215 in the foundation courses)	
BADM 222 Financial Accounting II	3 cr
BADM 321 Financial Reporting I	3 cr
BADM 322 Financial Reporting II	3 cr
BADM 330 Cost Accounting I	3 cr
BADM 421 Advanced Financial Reporting	3 cr
BADM 423 Auditing	3 cr
BADM 425 Accounting Information Systems	3 cr
BADM 430 Federal Taxation	<u>3 cr</u>

**TOTAL CPA ACCOUNTING  
MAJOR REQUIREMENTS 63**

## Accounting CMA Option

Students who plan on working in private industry should complete the Certified Management Accountant (CMA) option. This option assists in preparing students for the CMA exam.

Foundation Courses	33 cr
Required Support Courses	6 cr
BADM 221 Financial Accounting I (Accounting students complete this instead of BADM 215 in the foundation courses)	
BADM 222 Financial Accounting II	3 cr
BADM 321 Financial Reporting I	3 cr
BADM 322 Financial Reporting II	3 cr
BADM 330 Cost Accounting I	3 cr
BADM 331 Cost Accounting II	3 cr
BADM 423 Auditing	3 cr
BADM 425 Accounting Information Systems	3 cr
BADM 540 Internship	<u>3 cr</u>

**TOTAL CMA ACCOUNTING  
MAJOR REQUIREMENTS 63**

## BUSINESS ADMINISTRATION MINOR PROGRAM

This minor program provides nonmajors with a basic understanding of the structure and function of businesses and organizations - management of human, financial, and physical resources; marketing of products and services; and the role of businesses and organizations in the national and global economy.

### **Business Administration Minor Requirements**

BADM 100 Explorations in Business or ECON 141 Macroeconomics	3 cr
BADM 215 Accounting for Managers	3 cr
BADM 260 Management	3 cr
BADM 270 Marketing	3 cr
Two electives selected from any 300 level or higher department offering for which prerequisites have been met.	<u>6 cr</u>

**TOTAL BUSINESS ADMINISTRATION MINOR  
REQUIREMENTS 18**

## ECONOMICS MINOR PROGRAM

The economics minor introduces students to theories of economics and demonstrates how these and associated analytical and quantitative methods apply to consumer choice, resource allocation by the organization, and fiscal and monetary policies of government.

### **Economics Minor Requirements**

ECON 141 Macroeconomics	3 cr
ECON 142 Microeconomics	3 cr
ECON 216 Statistics for Economics and Business	3 cr
Three economics elective courses, two of which must be at the 300 level or higher	<u>9 cr</u>

**TOTAL ECONOMICS MINOR REQUIREMENTS 18**

## TEACHING LICENSURE

Students majoring in business administration may opt to pursue initial teacher licensure as a high school teacher. Students seeking any of these licensures must complete a business administration major and a licensure program in education. (Program pending approval)

Chairperson: Nancy L. Ovitsky, Ph.D.  
(413) 662-5306, novitsky@mcla.edu

# BUSINESS ADMINISTRATION AND ECONOMICS

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## COURSE LISTINGS

### **BADM 100 Explorations in Business**

**3 cr**

Introduces students to the functions of business through analysis of real-world situations and illustrates the elements of effective decision-making. Introduces traditional and electronic sources of business information. Emphasizes development of business communications and research skills.

**Prerequisite:** Open to all students except junior/senior business administration majors

### **BADM 201 Business Law I**

**3 cr**

Develops an in-depth understanding of the American Law Institute's Second Restatement of Contracts and the Second Restatement of Agency and relevant provisions of the Uniform Commercial Code.

**Prerequisite:** Sophomore Status (permission of instructor for nontraditional freshmen)

### **BADM 210 Information Technology for Business**

**3 cr**

Explores the application of technology to business communications and decision-making. Students will utilize word processing, spreadsheets, databases, statistical analysis software, Internet tools, graphics and presentation software to find, retrieve, organize, and present business information. Emphasizes the importance of technology (including ethics and etiquette) in facilitating efficient business communication.

**Prerequisite:** CCCL100 or demonstrated competency

### **BADM 215 Accounting for Managers**

**3 cr**

Introduces the fundamentals of financial, cost, and managerial accounting. Emphasizes understanding of key financial statements and how they are used by management in making decisions.

**Prerequisite:** None

### **BADM 221 Financial Accounting I**

**3 cr**

Introduces the fundamentals of accounting through the study of the preparation and interpretation of financial statements. Emphasis is on the theoretical as well as the practical aspects of accounting for the asset section of the balance sheet. Students use general ledger software in the preparation and analysis of financial statements.

**Prerequisite:** None

### **BADM 222 Financial Accounting II**

**3 cr**

Continues the fundamentals of accounting. Emphasis is on the theoretical as well as the practical aspects of accounting for the liability and equity section of the balance sheet. Students are introduced to partnership and corporate accounting and the statement of cash flows. Students use computer software in the preparation and analysis of financial statements.

**Prerequisite:** BADM 221

### **BADM 242 The Legal and Social Environment of Business**

**3 cr**

Introduces government regulation of individuals and businesses. The Constitution, statutes, and adjudicated cases will be used extensively to illustrate the history, philosophy, structure, processes, and controls of state and federal regulatory systems over economic, social, and individual activities.

**Prerequisite:** None

### **BADM 260 Management**

**3 cr**

Explores the historical development and concepts of modern management theory. Blends behavioral theories of management and social responsibility and presents applications in a variety of organizational settings. Examines the role of managers in today's organizations and in society and studies the complex multicultural, global organization of today.

**Prerequisite:** Sophomore status

### **BADM 270 Marketing**

**3 cr**

Examines the role of marketing in today's organizations and in society and studies the complex multicultural, global organization of today. Examines basic theory and terminology with emphasis on the major marketing components: product, price, promotion, and distribution. Uses multiple research sources, including the Internet, to explore the marketing practices of today's organizations and learn real-world applications of marketing theory.

**Prerequisite:** Sophomore status

# BUSINESS ADMINISTRATION AND ECONOMICS

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(413) 662-5306, novitsky@mcla.edu

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## **BADM 290 Sophomore Special Topics**

**3 cr**

Introduces students to various topics of emerging importance in the fields of marketing, management, finance, accounting, and e-commerce. Examines current issues in one or more of these areas.

**Prerequisite:** Sophomore status or permission of instructor

## **BADM 300 Personal Investing**

**3 cr**

Provides an introductory but comprehensive study of the major aspects of personal investing. Topics covered include investment goals and strategies, risk/return assessment, individual stock investing - fundamental and technical analysis, bonds, stock mutual funds (various types/objectives), global investing, money market mutual funds, the New York Stock Exchange/financial markets and institutions, accessing investment information and analysis on the Internet, on-line investing. No prior business courses are required or necessary.

**Prerequisite:** Junior status or permission of instructor

## **BADM 303 Business Law II**

**3 cr**

Continues the study of business law focusing on sales transactions and their connection with the Uniform Commercial Code. Legal aspects of secured transactions, commercial paper, bailments, and carriers are also studied.

**Prerequisite:** BADM 201

## **BADM 321 Financial Reporting I**

**3 cr**

Studies the measurement and disclosure issues in accounting for assets in accordance with generally accepted accounting principles (GAAP). Studies the theoretical, practical, and ethical issues involving alternative GAAP. Students use general ledger software in the analysis of accounting information and preparation of financial statements.

**Prerequisite:** BADM 222

## **BADM 322 Financial Reporting II**

**3 cr**

Continues the study of measurement and disclosure issues in accounting for liabilities and equity in accordance with GAAP. Further studies the theoretical, practical, and ethical issues involving alternative GAAP as well as the income statement and the statement of cash flows. Students use computer software in the analysis/presentation of financial reporting issues.

**Prerequisite:** BADM 321

## **BADM 330 Cost Accounting I**

**3 cr**

Examines the manufacturing function from the view of the cost accountant. Emphasis will be placed on internal reporting and informational systems development and their role in the management of a firm. Topics include product costing, standard costing, variance analysis, budgeting, and the impact of just-in-time manufacturing on accounting. Students use computer software in the analysis of cost accounting information.

**Prerequisite:** BADM 222

## **BADM 331 Cost Accounting II**

**3 cr**

Continues the development of cost relationships and management reporting systems by applying them to retail/wholesale, service, and non-for-profit enterprises and further studying them in manufacturing enterprises. Behavioral and ethical issues in management reporting are considered throughout the study of operational and capital budgets, performance evaluation, and management controls. Requires spreadsheet and word processing computer usage.

**Prerequisite:** BADM 330

## **BADM 340 Financial Management**

**3 cr**

Studies the acquisition and administration of funds in today's corporation. Topics include shareholder wealth maximization concepts, the globalization of financial markets, working capital, risk/return, alternative forms of short- and long-term funds, financial statements analysis, mergers, and acquisitions.

**Prerequisite:** BADM 215 or BADM 221, ECON 141, and junior status

Chairperson: Nancy L. Ovitsky, Ph.D.  
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# BUSINESS ADMINISTRATION AND ECONOMICS

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- BADM 350 Business and Economic Issues in Massachusetts** **3 cr**  
Exposes the student to a variety of perspectives on current business and economic issues facing businesses and organizations in the Commonwealth of Massachusetts. Provides interactive participation of students and faculty from several Commonwealth campuses. Students utilize business and economic theory to analyze and address critical issues facing Massachusetts. Emphasizes ethical issues and international considerations as well. Students work on inter-campus project teams via the course website to produce multimedia analytical reports.  
**Prerequisite:** Junior status, department approval
- BADM 361 Organizational Behavior** **3 cr**  
Explores the study of group behavior in various organizational settings through the study of organizational theories of structure, culture motivation, communication, and group dynamics. Cases and/or group activities are used to illustrate the application of theory to actual organizational scenarios.  
**Prerequisite:** Junior status
- BADM 362 Human Resource Management** **3 cr**  
Examines and analyzes personnel functions of staffing, developing, compensating, and motivating. Specific techniques within each function are explored in detail. Emphasizes the legal environment in which the human resource manager operates.  
**Prerequisite:** BADM 260
- BADM 363 Operations Management** **3 cr**  
Examines today's organizations to gain an understanding of planning, organizing, and controlling production facilities in manufacturing and service industries.  
**Prerequisite:** ECON 216, BADM 260
- BADM 365 Labor and Labor Law** **3 cr**  
Provides an understanding of labor laws and their evolution, unions and their operations, and the nature of the union-management relationship. Utilizes case decisions to illustrate the collective bargaining process.  
**Prerequisite:** Completion of CCHH Tier II or completion of Code 51
- BADM 366 Team Facilitation** **3 cr**  
Develops an understanding of the processes and techniques of team-building and the interpersonal skills needed to become an effective facilitator. Students will engage in self-analysis that identifies their personal skills/abilities and their areas of strength/weakness. Students will be assigned to teams and operate as both a member/facilitator during the semester. They will learn how to deal with dysfunctional team members while developing interpersonal skills, enabling them to identify problems and work toward solutions.  
**Prerequisite:** Junior status
- BADM 367 Small Business Entrepreneurship** **3 cr**  
Introduces students to various types of small businesses through discussion, debate, and demonstrations. Provides them with knowledge and skills necessary to prepare a viable business plan. Students will be expected to develop and complete a business plan.  
**Prerequisite:** BADM 215 or BADM 221, BADM 260, junior status
- BADM 380 Strategic Marketing** **3 cr**  
Provides an understanding of how to manage the firm's marketing program. Marketing communications, strategy, product policy, and overall marketing effectiveness are explored. Appropriate application of the marketing mix is covered through practical business applications.  
**Prerequisite:** BADM 270
- BADM 381 Consumer Behavior** **3 cr**  
Provides an overview of the internal and external influences affecting the buying decision. Sociological, psychological, and economic factors are emphasized. Analyzes consumer and business decision-making.  
**Prerequisite:** BADM 270



# BUSINESS ADMINISTRATION AND ECONOMICS

Chairperson: Nancy L. Ovitsky, Ph.D.  
(413) 662-5306, novitsky@mcla.edu

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## **BADM 382 Marketing Research**

**3 cr**

Examines the uses and limitations of marketing research information in strategic decision-making. Follows the marketing research process from problem definition through statistical analysis of data.

**Prerequisite:** BADM 270, ECON 216

## **BADM 384 Marketing Communications**

**3 cr**

Approaches the subject from an integrated marketing communications perspective. Examines advertising, publicity, sales promotions, personal selling, and the use of the Internet. Positioning, creativity, media planning, and overall marketing effectiveness are determinants of success that will help students visualize, create, and communicate a complete project.

**Prerequisite:** BADM 270

## **BADM 385 Global Marketing**

**3 cr**

Examines the management of global marketing operations, emphasizing decision-making and policy formulation. Analyzes the unique social, legal, and political considerations associated with marketing in different cultures.

**Prerequisite:** BADM 270

## **BADM 387 Service Marketing**

**3 cr**

Provides students with an in-depth analysis of the marketing functions in the service industries. Explores marketing of goods and services at the wholesale and retail level, direct sales marketing, marketing of business and personal services, non-profit marketing such as the arts and social services, and the expanding role of marketing on the Internet.

**Prerequisite:** BADM 270

## **BADM 390 Diversity Issues**

**3 cr**

Examines the roles of women and minorities from the 1600s to the present day to gain an understanding of why and how those roles have evolved. Integrates the changes in social, political, and economic conditions and value systems as they affect the ability of women and minorities to effectively function in social and work environments.

**Prerequisite:** Junior status

## **BADM 405 Contemporary Business and Organizational Issues**

**3 cr**

Provides an overview of current issues relating to management and marketing areas in a variety of organizational settings. Emphasizes operating, strategic, and ethical considerations in decision-making within today's dynamic environment.

**Prerequisite:** BADM 260, BADM 270

## **BADM 420 Business Resource Center**

**3 cr**

Offers students an opportunity to provide consulting services to area firms.

**Prerequisite:** Junior/senior status, 2.5 GPA, completion of 24 BADM/ECON credits (or within major if non-BADM/ECON), completion of 12 credits at MCLA

## **BADM 421 Advanced Financial Reporting**

**3 cr**

Explores the theoretical and practical issues involved in accounting for business combinations, multinational transactions, partnerships, governmental units, and not-for-profit organizations. Students use computer software in the analysis/presentation of cases.

**Prerequisite:** BADM 322

## **BADM 423 Auditing**

**3 cr**

Examines the professional standards and ethics of auditing. Explores the theoretical foundation of standards. Considers how field work, sampling, computers, and management characteristics impact audit risk assessment. The moral and ethical responsibilities of the profession permeate the course. Students use computer software in the analysis and solution of cases/audit project.

**Prerequisite:** BADM 322

## **BADM 425 Accounting Information Systems**

**3 cr**

Studies the conceptual foundation underlying Accounting Information Systems and the development, operation, and management of these systems. Students will gain hands-on experience with a commercial accounting software package which will be used to build the relationship between Accounting Information Systems and other subsystems that comprise Management Information Systems.

**Prerequisite:** BADM 322

Chairperson: Nancy L. Ovitsky, Ph.D.  
(413) 662-5306, novitsky@mcla.edu

# BUSINESS ADMINISTRATION AND ECONOMICS

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## **BADM 430 Federal Taxation**

**3 cr**

Studies federal income tax laws for individuals, with a broad overview for partnerships and corporations. Students use commercial tax preparation software to enhance their ability to interpret and apply income tax law as it applies to individuals.

**Prerequisite:** BADM 322

## **BADM 441 Managerial Finance**

**3 cr**

Examines the relationships among risk, return, and value in a financial context as tools for the analysis of capital structure and budgeting decisions, and the evaluation of leasing proposals. Covers the basic theoretical financial models in detail.

**Prerequisite:** BADM 321, BADM 340, ECON 216

## **BADM 490 Special Topics in Business Administration**

**3 cr**

Studies a specific topic in accounting, marketing, management, finance, or policy for the purpose of encouraging advanced work and research in a field of interest. Content will be identified by subtitle.

**Prerequisite:** Junior/senior status and department approval

## **BADM 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to study a topic in depth. Final reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status, and department approval

## **BADM 510 Seminar in Business Policy**

**3 cr**

Examines, as a capstone course, a range of topics of current importance in all functional areas of business.

**Prerequisite:** Senior status, completion of all departmental foundation courses.

## **BADM 540 Internship**

**3-15 cr**

Offers eligible students the opportunity for enhanced educational opportunities by providing actual field experience in public or private organizations that relate to their academic and professional interests. During the assignment, the student will complete an individualized learning contract sponsored and approved by a faculty member from the department. (3 credits may be applied to the 12 upper-level credits required by the major.)

**Prerequisite:** Junior/senior status, 2.5 GPA, completion of 24 BADM/ECON credits, 12 credits completed at MCLA, department approval

## **ECON 141 Macroeconomics**

**3 cr**

Examines the organization of American economic systems, with comparisons to those of other countries. Emphasis is on the problems of unemployment, inflation, budget deficits, and the possible fiscal and monetary policies used to correct them. The course studies such aggregate economic variables as consumption, investment, government expenditures, and taxes.

**Prerequisite:** None

## **ECON 142 Microeconomics**

**3 cr**

Deals with individual economic units, consumers, and firms. Topic areas which are covered extensively are demand, elasticity, and cost theories. The theory of wages and its application to labor markets are also discussed. An analytical study of market structure - perfect competition, monopolistic competition, oligopoly, and monopoly - is emphasized.

**Prerequisite:** None

## **ECON 216 Statistics for Economics and Business**

**3 cr**

Introduces descriptive statistics, including graphical and numerical presentation of data. Uses probability distribution as an aid to analyze business and economic problems; application of regression models and hypothesis testing in the decision-making process. Use of computers in solving problems is emphasized.

**Prerequisite:** CCMA 102

## **ECON 281 Environmental Economics (Also listed as ENVI 220)**

**3 cr**

Introduces students to the economic analysis of the conflict between our lifestyles of unlimited wants and the scarce resources of our biological environment. Examines economic theory in its applications to explaining the dynamics of this conflict. Exposes students to the economic approach to solving environmental problems created by energy generation, mining, maritime and logging industries, tourism, land development, industrial by-product disposal and related issues. Encourages students to critically analyze the usefulness of this approach to solving these problems.

**Prerequisite:** ECON 141 or ENVI 101 & 102

# BUSINESS ADMINISTRATION AND ECONOMICS

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Chairperson: Nancy L. Ovitsky, Ph.D.  
(413) 662-5306, novitsky@mcla.edu

## **ECON 290 Sophomore Special Topics**

**3 cr**

Introduces students to various topics of emerging importance in economics. Examines one or more current issues in depth.

**Prerequisite:** Sophomore status or permission of instructor

## **ECON 340 Money, Banking, and Global Financial Markets**

**3 cr**

Investigates the financial systems of the US, European Union, and emerging economies. Emphasizes how economic institutions reflect the diversity of world cultures, including major financial institutions, monetary theory, interest rates, and the structure and role of the Federal Reserve. Issues include economic, social, political, and cultural integration of industrialized vs. Third World countries.

**Prerequisite:** CCSS Tier II/or completion of Code 32

## **ECON 343 Managerial Economics**

**3 cr**

Studies the application of economic theory to decision-making problems in the private and public sectors, including both explicit and implicit constraints imposed by the environment on the decision-maker. Systematic development of the theory of the interaction of consumers, firms, and industries; a study of market structure, conduct, and performance; and capital budgeting.

**Prerequisite:** ECON 142

## **ECON 348 Contemporary Economic Issues**

**3 cr**

Studies contemporary economic problems: employment, inflation, economics of pollution, income distribution, international debt crisis, the value of the dollar, balance of payments, and the federal budget.

**Prerequisite:** ECON 141

## **ECON 490 Special Topics in Economics**

**3 cr**

Studies a specific topic in economics for the purpose of encouraging advanced work and research in a field of interest. Content will be identified by subtitle.

**Prerequisite:** Junior/senior status and department approval

## **ECON 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to study a topic in depth. Final reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status, and department approval

## PROGRAM AVAILABLE

### CHEMISTRY MINOR

#### CHEMISTRY MINOR PROGRAM

Students graduating with a minor in chemistry will be able to:

- demonstrate knowledge of basic principles and theories in analytical, organic, inorganic, and physical chemistry
- apply chemical principles through problem solving and laboratory experimentation
- demonstrate competency in use of various laboratory instruments

#### Chemistry Minor Requirements

CHEM 150	Introduction to Chemistry I	4 cr
CHEM 152	Introduction to Chemistry II	4 cr
CHEM 201	Organic Chemistry I	4 cr
CHEM 202	Organic Chemistry II	4 cr
CHEM 310	Analytical Chemistry	4 cr
	One upper-level chemistry elective (excluding seminars and core curriculum courses)	<u>3 cr</u>

**TOTAL CHEMISTRY MINOR REQUIREMENTS 23**

#### COURSE LISTINGS

##### CHEM 100 Chemistry Concepts

3 cr

Examines some of the fundamentals of chemistry and the historical and logical development of modern chemistry. Applies principles and concepts to current issues in society such as acid rain, nuclear power plants, ozone holes and pollution. For students not majoring in science.

**Prerequisite:** None

##### CHEM 150 Introduction to Chemistry I

4 cr

Studies chemical principles, theories, laws, and their applications. Topics include electronic and nuclear behavior, periodicity, stoichiometry, structure, and bonding. Teaches laboratory techniques through the performance of experiments related to the above topics. Required laboratory.

**Prerequisite:** None

##### CHEM 152 Introduction to Chemistry II

4 cr

Studies chemical principles, theories, laws, and their applications. Topics include oxidation and reduction, kinetics, thermodynamics, equilibrium, and descriptive inorganic chemistry. Teaches laboratory techniques through the performance of experiments related to the above topics. Required laboratory.

**Prerequisite:** CHEM 150

##### CHEM 201 Organic Chemistry I

4 cr

Studies the structure, properties, and synthesis of certain aliphatic compounds and the mechanisms of their reactions. Topics include bonding, stereochemistry, resonance, and kinetics. Required laboratory.

**Prerequisite:** CHEM 152

##### CHEM 202 Organic Chemistry II

4 cr

Studies the application of concepts and techniques acquired in CHEM 201 to aromatic compounds and to additional classes of aliphatic compounds. Methods of identification including spectroscopy are introduced. Required laboratory.

**Prerequisite:** CHEM 201

##### CHEM 300 Chemistry and the Environment

3 cr

Studies global cycles, atmospheric and oceanic systems, environmental thermodynamics, and selected environmentally important chemical systems. Emphasizes contemporary problems such as hazardous wastes, ozone depletion, global warming, and acid rain. Designed to increase awareness of chemical processes as part of the natural environment and of human impact on those processes.

**Prerequisite:** CHEM 100 or CHEM 150

# CHEMISTRY

Chairperson: David M. Levine, Ph.D.  
(413) 662-5447, dlevine@mcla.edu

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## **CHEM 301 Physical Chemistry I**

**3 cr**

Studies the fundamental laws and theories of chemistry. Includes thermodynamics, gases, and phase and reaction equilibria.

**Prerequisite:** MATH 320 and CHEM 202

## **CHEM 302 Physical Chemistry II**

**3 cr**

Continues CHEM 301. Includes ionic equilibria, electrochemistry, and kinetics.

**Prerequisite:** CHEM 301

## **CHEM 305 Environmental Organic Chemistry**

**3 cr**

Studies the structure, physical and chemical properties, and dispersal of various organic pollutants. Topics will also include how these pollutants entered into the environment, where they have concentrated, and how to remove them. Various instrumental methods of detection of pollutants will also be discussed.

**Prerequisite:** None

## **CHEM 310 Analytical Chemistry**

**4 cr**

Examines classical and modern methods of chemical analysis. Emphasis is placed on chemical equilibrium, titrimetry, and selected analytical applications of instrumental methods including visible, infrared, fluorescence spectroscopy, gas chromatography, and electro-chemistry. Required laboratory.

**Prerequisite:** CHEM 201

## **CHEM 320 Environmental Analytical Chemistry**

**4 cr**

Examines classical and modern methods of chemical analysis. Emphasis is placed on chemical equilibrium, titrimetry, and selected analytical applications of instrumental methods including visible infrared, fluorescence spectroscopy, gas chromatography, and electro-chemistry. Required laboratory focuses on analytical techniques as applied to environmental problems.

**Prerequisite:** CHEM 152

## **CHEM 350 Ethical Issues in Science**

**3 cr**

Studies ethical theories and their applications to current controversial issues in science. Includes genetic engineering, human and animal experimentation, euthanasia, genetic testing and screening, environmental concerns, chemical and biological warfare, and the moral responsibilities of scientists.

**Prerequisite:** Any philosophy course and a course in chemistry, biology, or physics.

## **CHEM 401 Advanced Laboratory I**

**3 cr**

Examines bulk macroscopic and microscopic properties of matter. Topics include computer applications to statistical methods and data analysis, glass blowing and techniques of experimental physical chemistry.

**Prerequisite:** CHEM 310 concurrent enrollment in CHEM 301 and CHEM 410

## **CHEM 402 Advanced Laboratory II**

**3 cr**

Continues CHEM 401.

**Prerequisite:** CHEM 401, CHEM 410, concurrent enrollment in CHEM 302

## **CHEM 410 Instrumental Methods of Chemical Research**

**3 cr**

Examines the phenomenological origins and quantitative application of spectroscopy. Topics include spectroscopic instrumentation, and rotational, infrared, Raman, ultraviolet, visible, and fluorescence spectroscopy.

**Prerequisite:** CHEM 310

## **CHEM 440 Advanced Organic Chemistry**

**3 cr**

Studies useful sequences for synthesizing various classes of organic compounds. Topics include Diels-Alder reaction, Claisen condensation, Haworth synthesis, Wittig reaction, Reformatsky reaction, and others.

**Prerequisite:** CHEM 202

## **CHEM 450 Physical Organic Chemistry**

**3 cr**

Studies reaction mechanisms extensively. Topics include primary and secondary isotope effects, acid-base catalysis, steric and polar effects, Hammett free-energy relationships, orbital symmetry reactions, and solvent effects.

**Prerequisite:** CHEM 202

Chairperson: David M. Levine, Ph.D.  
(413) 662-5447, dlevine@mcla.edu

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## CHEMISTRY

**CHEM 460 Quantum Chemistry**

**3 cr**

Develops the mathematical and conceptual foundations of quantum mechanics. Includes applications of quantum theory to atomic and molecular spectroscopy.

**Prerequisite:** Concurrent enrollment in CHEM 302

**CHEM 490 Chemistry Seminar**

**1 cr**

Presents selected topics in or related to chemistry

**Prerequisite:** Senior standing in chemistry

**CHEM 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

**CHEM 540 Internship**

**3-15 cr**

Offers the upper-level chemistry major an opportunity to practice chemistry in an appropriate professional situation. The student will work with a faculty sponsor and an off-campus supervisor in gaining experience significant to the major.

**Prerequisite:** Department approval; junior/senior status

# COMPUTER SCIENCE AND INFORMATION SYSTEMS

Chairperson: William Spezeski, M.S.  
(413) 662-5591, wspezesk@mcla.edu

## PROGRAMS AVAILABLE

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE COMPUTER SCIENCE MINOR INFORMATION TECHNOLOGY MINOR CONTRACT MINOR

#### COMPUTER SCIENCE MAJOR PROGRAM

The Department of Computer Science offers a four-year program leading to a Bachelor of Science in Computer Science focused on Information Technology. Students majoring in other departments may complete a minor in Computer Science or a minor in Information Technology.

Information Technology encompasses a broad range of computing and communications technologies that are used for information, entertainment, and commerce. With the growth of the Internet, the applications of these technologies now stretch from the factory floor to the office, boardroom, and home. These applications are based on distributed systems of networked computers and software developed using object-oriented techniques.

Career opportunities for graduates with these skills exist both in Internet companies and in more traditional companies that have a need for distributed systems of networked computers and software systems. Recent graduates have found employment with Internet startup companies, the insurance industry, communications companies, and government contractors. The major program is designed to provide students with a strong grounding in several areas. Students graduating with a degree in computer science will:

- be prepared to engage in the computer programming process, including problem solving techniques, program control constructs, and program implementation and testing;
- be familiar with the representation and manipulation of data within a computer program;
- be able to understand and use an object-oriented approach to design and implement computer programs;
- be able to understand and implement N-tiered distributed software systems;
- have developed a significant N-tiered distributed system as part of the program's capstone course sequence.

#### Computer Science Major Requirements

CSCI 153	Introduction to Programming I	3 cr
CSCI 253	Introduction to Programming II	3 cr
CSCI 312	Windows Programming	3 cr
CSCI 325	Advanced Programming I	3 cr
CSCI 326	Advanced Programming II	3 cr
CSCI 328	Object Oriented Design	3 cr
CSCI 335	Web Development I	3 cr
CSCI 336	Web Development II	3 cr
CSCI 342	Database Development I	3 cr
CSCI 343	Database Development II	3 cr
CSCI 351	Distributed Programming Concepts	3 cr
CSCI 402	Networked Systems Administration	3 cr
CSCI 452	N-tiered Software Development I	3 cr
CSCI 453	N-tiered Software Development II	3 cr

MATH 232 Introduction to Statistics 3 cr

One additional Discrete Mathematics course 3 cr

**TOTAL COMPUTER SCIENCE MAJOR REQUIREMENTS 48**

#### COMPUTER SCIENCE MINOR

##### Requirements

CSCI 153	Introduction to Programming I	3 cr
CSCI 253	Introduction to Programming II	3 cr
CSCI 312	Windows Programming	3 cr
CSCI 325	Advanced Programming I	3 cr
CSCI 326	Advanced Programming II	3 cr

One of the following 2 course sequences: 6 cr

CSCI 335	Web Development I
CSCI 336	Web Development II
or	
CSCI 342	Database Development I
CSCI 343	Database Development II
or	
CSCI 402	Networked Systems Administration
CSCI 447	Topics in Computing

**TOTAL COMPUTER SCIENCE MINOR REQUIREMENTS 21**

Chairperson: William Spezeski, M.S.  
(413) 662-5591, wspezesk@mcla.edu

# COMPUTER SCIENCE AND INFORMATION SYSTEMS

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## INFORMATION TECHNOLOGY MINOR

### Requirements

CSCI	153	Introduction to Programming I	3 cr
CSCI	253	Introduction to Programming II	3 cr
CSCI	312	Windows Programming	3 cr
CSCI	335	Web Development I	3 cr
CSCI	342	Database Development I	3 cr

One of the following: 3 cr

CSCI	336	Web Development II	
CSCI	343	Database Development II	

**TOTAL INFORMATION TECHNOLOGY  
MINOR REQUIREMENTS 18**

## CONTRACT MINOR

With the approval of the Department, a student may put together a minor program from the departmental offerings supplemented by independent study courses and/or offerings from other departments. For example, minors in data communications, multi-media computing, or scientific computing might be created. Any such minor must consist of six three-credit courses with at least two at the 300 level or above.

## COURSE LISTINGS

**CSCI 151 Computers and Problem Solving 3 cr**  
Introduces various aspects of computing, including algorithm design, programming, and computer applications. Considers problem-solving techniques applicable to any discipline.  
**Prerequisite:** None

**CSCI 153 Introduction to Programming I 3 cr**  
Introduces the concepts of program development using a contemporary programming language. This course focuses on an introduction to simple variables and control structures, and on an introduction to object-oriented concepts.  
**Prerequisite:** None

**CSCI 200 Lower Level Independent Study 3 cr**  
Designed for students wishing to pursue a topic in computing not in the regular curriculum but not requiring significant background. Students arranging a contract minor may make use of this course. The work will be carried out under the supervision of a faculty sponsor.  
**Prerequisite:** Department approval

**CSCI 229 Database Management 3 cr**  
Covers data as an integrated, shared corporate resource. Examines techniques for database analysis and design using technology-independent and technology-dependent models. Groups design and implement project databases using a relational database management system and Structured Query Language (SQL).  
**Prerequisite:** CSCI 153

**CSCI 247 Computing Topics 3 cr**  
Provides an understanding of a topic in computing which may be of interest to non-majors or may serve as a service course for other departments. The course introduces a topic not currently part of the department curriculum. Students are required to write about a topic related to the course material.  
**Prerequisite:** CSCI 153 & permission of instructor

**CSCI 252 Systems Development 3 cr**  
Introduces the systems-development life cycle, information gathering techniques, and techniques of systems analysis, design, and implementation. Computer-assisted software engineering (CASE) concepts will be introduced. Teams will analyze and design portions of computer-based systems. Oral and written presentations will be required.  
**Prerequisite:** CSCI 153



# COMPUTER SCIENCE AND INFORMATION SYSTEMS

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## **CSCI 253 Introduction to Programming II**

**3 cr**

Introduces the concepts of program development using a contemporary programming language. This course focuses on advanced concepts including structured variables, additional control structures, object creation, code reuse, and dynamic storage allocation.  
**Prerequisite:** CSCI 153

## **CSCI 261 Microcomputer Applications in Business**

**3 cr**

Studies microcomputer software packages in some depth, stressing the development of applications through the use of macros and programming capabilities of the package. Coverage will include a major office suite.  
**Prerequisite:** CSCI 153

## **CSCI 312 Windows Programming**

**3 cr**

Introduces the development of programs designed to run in a windowing environment. Topics include event-driven programming, graphical user interface (GUI) design and implementation, and the use of a visual integrated development environment (IDE).  
**Prerequisite:** CSCI 253

## **CSCI 315 Data Structures I**

**3 cr**

The first of two courses to examine some of the major structures used to store data in a computer, along with the algorithms for manipulating that data. These structures include stacks, queues and lists. Static and dynamic implementations of these structures will be examined and developed using object-oriented programming.  
**Prerequisite:** CSCI 253

## **CSCI 316 Data Structures II**

**3 cr**

Continues the study of data structures begun in CSCI 315. Students will have the opportunity to develop larger systems of programs using an object-based methodology and some of the more advanced language concepts for data storage. Students will examine a variety of tree, graph, and file structures as a part of the course.  
**Prerequisite:** CSCI 315

## **CSCI 318 Computer Organization and Assembly Language**

**3 cr**

Introduces students to the major hardware components of a computer system and to the organization of computers as a hierarchy of hardware and software. Considers the basic functional units of a computer system and then examines the following levels: digital logic, microprogramming, conventional machine language, operating system, and assembly languages.  
**Prerequisite:** CSCI 315

## **CSCI 323 Object-Oriented Concepts**

**3 cr**

Introduces object-oriented methodologies and tools for software development. Many topics from systems analysis, systems design, database design, and programming will be reviewed with an eye toward object-oriented implementation.  
**Prerequisite:** CSCI 315

## **CSCI 325 Advanced Programming I**

**3 cr**

Introduces the concepts of program development using an object-oriented programming language. This course focuses on additional programming concepts including data structures, file usage, object concepts, code reuse, template classes, and an introduction to the Standard Template Library.  
**Prerequisite:** CSCI 253

## **CSCI 326 Advanced Programming II**

**3 cr**

Introduces the concepts of program development using an object-oriented programming language. This course focuses on additional programming concepts including virtual functions, abstract classes, polymorphism, run-time type identification, class hierarchies, and the Standard Template Library.  
**Prerequisite:** CSCI 325

## **CSCI 328 Object Oriented Design**

**3 cr**

Introduces two related topics, the design of software, and the tools used in the design process. As the dominant, technology object oriented design will be addressed in this course. The Unified Modeling Language (UML) has evolved as the tool used in designing object oriented software systems, and will be covered in the course. Students are required to write about and present a topic related to the course material.

**Prerequisite:** CSCI 325 and concurrent enrollment in CSCI 326

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(413) 662-5591, wspezesk@mcla.edu

# COMPUTER SCIENCE AND INFORMATION SYSTEMS

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## **CSCI 331 Operating Systems**

**3 cr**

Examines the role played by operating systems and offers insight into their design and implementation. Considers major components of an operating system, including process management, memory management, disk management, resource allocation, and security and protection. Covers both single and multi-processing systems.

**Prerequisite:** CSCI 316 and CSCI 318

## **CSCI 335 Web Development I**

**3 cr**

Introduces the development of World Wide Web applications. It emphasizes the client side tools and techniques used to develop web applications, and will include HTML, Dynamic HTML, client side scripting, Web page design issues, etc. The course will make use of interdisciplinary contributions from other departments on selected topics.

**Prerequisite:** CSCI 312

## **CSCI 336 Web Development II**

**3 cr**

Introduces the development of World Wide Web applications. It emphasizes the server side tools and techniques used to develop web applications, and will include CGI programming, active server pages (ASP and/or JSP), server side scripting, and middleware. Students are required to write about and present a topic related to the course material.

**Prerequisite:** CSCI 335

## **CSCI 342 Database Development I**

**3 cr**

Introduces the design, management and programming of database systems. This course focuses on the design of a database and will provide hands-on experience with one or more DBMS products. It also examines the role of, and tasks performed by, a Database Administrator (DBA). The course will make use of interdisciplinary contributions from other departments on selected topics.

**Prerequisite:** CSCI 253

## **CSCI 343 Database Development II**

**3 cr**

Introduces the design, management and programming of database systems. The course focuses on the development of applications which access data stored in a database management system. It examines applications in both non-distributed and distributed environments. Students are required to write about and present a topic related to the course material.

**Prerequisite:** CSCI 342

## **CSCI 347 Topics in Information Systems**

**3 cr**

Provides in-depth study of an advanced topic in information systems. Introduces a topic not currently part of the departmental curriculum or examines a topic in more detail using current literature in the selected area. Each student will produce programs and/or a research paper relevant to the topic.

**Prerequisite:** CSCI 153 or CSCI 261, and permission of the instructor

## **CSCI 351 Distributed Programming Concepts**

**3 cr**

Introduces the design, management and programming of distributed software systems, and examines the underlying technologies used to develop distributed applications (e.g. COM, DCOM, CORBA). Students are required to research and write about a topic related to the course material.

**Prerequisite:** CSCI 325

## **CSCI 355 Data Communications**

**3 cr**

Covers hardware, systems software, applications software, distributed systems, fundamentals of wide-area and local-area network design, security and other management issues.

**Prerequisite:** CSCI 153

## **CSCI 402 Networked Systems Administration**

**3 cr**

Introduces the architecture and administration of various network hardware components and operating systems. This course will focus on the architecture and administration of a number of operating systems as they might be found in a network environment including MS Windows 9x/NT/2000 and Unix/Linux. Students are required to write about a topic related to the course material.

**Prerequisite:** CSCI 325

# COMPUTER SCIENCE AND INFORMATION SYSTEMS

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## **CSCI 421 Comparative Programming Languages**

**3 cr**

Compares programming languages in terms of models of computation, control and data structures, and implementation characteristics. Considers how these issues influence the choice of a language for a given application and prepares students to learn and evaluate new languages. Both traditional and recent languages will be considered as examples.

**Prerequisite:** CSCI 315

## **CSCI 441 Teaching Assistant in Computer Science**

**3 cr**

Assigns students to assist a member of the computer science faculty. Students will be involved in developing materials for class, giving workshops and help sessions, and evaluating computer science projects. A member of the faculty will coordinate, counsel, and evaluate students enrolled in the course.

**Prerequisite:** Department approval

## **CSCI 447 Topics in Computing**

**3 cr**

Provides an in-depth understanding of an advanced topic in computing. Starting with an examination of current literature, the course introduces a topic which is not currently part of the department curriculum or examines a topic that is part of the curriculum in more detail. Students are required to write about and present a topic related to the course material. The course will make use of interdisciplinary contributions from other departments on selected topics.

**Prerequisite:** CSCI 312, CSCI 325, and permission of instructor

## **CSCI 452 N-tiered Software Development I**

**3 cr**

Integrates the various skills and concepts introduced in the curriculum. This course focuses on the design of an n-tiered software system, and the initial implementation of that system. A team approach to software development is employed throughout. Students are required to research and write about a topic related to the course material. The course will make use of interdisciplinary contributions from other departments on selected topics.

**Prerequisite:** CSCI 335, CSCI 343, and CSCI 351

## **CSCI 453 N-tiered Software Development II**

**3 cr**

Integrates the various skills and concepts introduced in the curriculum. The course focuses on completing the implementation and testing of an n-tiered software system. A team approach to software development is employed throughout. Students are required to write about and present a topic related to the course material. The course will make use of interdisciplinary contributions from other departments on selected topics.

**Prerequisite:** CSCI 336 and CSCI 452

## **CSCI 500 Independent Study**

**1-3 cr**

Designed for students who wish to undertake an in-depth examination of some topic of interest. The project will be carried out under the direction of a faculty sponsor.

**Prerequisite:** Junior/senior status; department approval

## **CSCI 540 Computer Science Internship**

**3-12 cr**

Open to juniors and seniors who would like to gain practical field experience in the computer industry. The intern will work under close supervision of both industry and department personnel.

**Prerequisite:** CSCI 316, junior/senior standing, department approval

## PROGRAMS AVAILABLE

- LICENSE PROGRAM IN EARLY CHILDHOOD EDUCATION (PREK-2)**
- LICENSE PROGRAM IN ELEMENTARY EDUCATION (1-6)**
- LICENSE PROGRAM IN MIDDLE SCHOOL EDUCATION (5-8)**
- LICENSE PROGRAM IN SECONDARY EDUCATION (8-12)**
- BACHELOR OF SCIENCE IN EDUCATION**
- SPECIAL EDUCATION MINOR**

The Education Department offers programs leading to licensure of teachers wishing to (1) teach at the Early Childhood, Elementary, Middle School, and Secondary Levels or (2) teach Biology, English, General Science, History, Mathematics, Physics, Political Science/Political Philosophy at the middle school and/or secondary level. Each program provides a balanced blend of theory and practice so that students will graduate with the knowledge and skills needed to become effective teachers. All license programs require that students complete a major in the Liberal Arts and Sciences with a major appropriate to the level of licensure. It is recommended that students meet with an Education Department advisor during their freshman year to discuss their major.

Students who have completed requirements for licensure will be able to:

- plan curriculum and instruction
- deliver effective instruction
- manage classroom climate and operation
- promote equity
- meet professional responsibilities

### **TEACHER LICENSURE PROGRAMS**

The objective of the education program is to provide a balanced blend of theory and practice so that a student will graduate with a solid foundation from which to begin a teaching career. The Education Department prepares students in the knowledge and skills needed to become effective teachers. A network of mentor teachers associated with the College affords the preprofessional student the opportunity to apply educational theories in a variety of settings. Students seeking licensure must complete a major program in liberal arts or sciences and a state-approved license program in education.

Students will have the option of choosing one of the following majors in the liberal arts and sciences:

- |                          |                           |
|--------------------------|---------------------------|
| Biology                  | Interdisciplinary Studies |
| English                  | - general science         |
| Fine and Performing Arts | Mathematics               |
| History                  | Philosophy                |
| - political science/     | Physics                   |
| political philosophy     | Psychology                |
|                          | Sociology                 |

Candidates for teacher licensure must decide which of the levels they wish to pursue. In the case of secondary education (8-12) and middle school (5-8), students must also decide the subject matter areas they wish to pursue. Students should consult with the Education Department chairperson for more specific information and advice. Mark Hopkins Hall, Telephone: 662-5381.

<b>LICENSE</b>	<b>LEVEL</b>
Early Childhood Teacher	Pre K-2
Elementary Teacher	1-6
Middle School Teacher	5-8
Teacher of Biology	5-8, 8-12
Teacher of Business (pending approval)	8-12
Teacher of English	5-8, 8-12
Teacher of General Science	5-8
Teacher of History	5-8, 8-12
Teacher of Mathematics	5-8, 8-12
Teacher of Physics	5-8, 8-12
Teacher of Political Science/ Political Philosophy	5-8, 8-12

\*Licensure in additional subject areas may be obtained through completion of certain interdisciplinary programs. See your education advisor for details.

# EDUCATION

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

## LICENSURE PROGRAM IN EARLY CHILDHOOD EDUCATION (PreK-2)

The early childhood education program prepares teachers of young children pre-kindergarten through second grade. The curriculum stresses the synthesis of theory and practice. Significant theories of child development and their practical implementation in group settings are studied. Also studied are different techniques of working effectively with individual and group behavior while stressing the teaching of mainstreamed children with special needs. The use of teaching materials for infants, toddlers, Pre-K, K, and grades 1-2 in all curriculum areas are presented. The curriculum stresses diverse values and various teaching and learning styles that are an important part of our multicultural society.

Students in the early childhood education program are prepared to teach and work in settings such as public schools (Pre K-2), day care centers, nursery schools, and other group settings. With additional experience, early childhood graduates can qualify as lead teachers, as consulting resource teachers for special needs children, or as child-care workers in institutional settings. The curriculum provides a solid foundation for students who wish to seek state licensure as teachers of young children with special needs and Lead Teacher, Preschool (OFC).

Formal application for admission into the upper-division program (Professional Semester) requires an overall 2.8 GPA, an assessment of oral and written communication skills, passing grades on Parts I, II and III of the Massachusetts Tests for Educator Licensure, Foundations of Reading Test, two recommendations, and a successful interview. Students must have departmental approval to enroll in more than 12 credits during the Professional Semester (student teaching). Upon completion of the ECHE program, the student is eligible for initial licensure (Pre K-2).

To fulfill the requirements for the early childhood education program, students must complete a major in the liberal arts or sciences. Students should meet with an Education Department advisor during their freshman year. Students must also complete the education major (40 credits) in early childhood education, plus a three-credit psychology course, Developmental Psychology and fulfill the health and physical education requirement of the program.

## Early Childhood Education License Requirements

\* CCSS 269 Education and Society  
or EDUC 200 Foundations of Education  
is a prerequisite or corequisite for Phase I Courses 3 cr

### Phase I Courses

EDUC 230	Program Dev. Infants & Toddlers	3 cr
EDUC 231	Program Dev. Infants & Tod. Preprac	1 cr
EDUC 338	Reading and Language Arts	3 cr
EDUC 339	Reading and Language Arts Preprac	1 cr
Optional:		
EDUC 150	Internship: Infants & Toddlers	3 cr
PSYC 210	Developmental Psychology	3 cr

### Phase II Courses

#### Part I

EDUC 409	Curriculum Theory and Design for Early Childhood	3 cr
EDUC 411	Curriculum and Instruction Prepract	1 cr
EDUC 420	Strategies of Classroom Management	3 cr
EDUC 421	Strategies of Classroom Mngt. Preprac	1 cr

#### Part II

EDUC 305	Program Dev. 3, 4, 5 Year Olds	3 cr
EDUC 360	Lit. for Children & Young Adults	3 cr
EDUC 478	Young Child with Special Needs	3 cr

### Phase III Courses - Professional Semester

EDUC 550	Practicum - Student Teaching (Pre-K)	3 cr
EDUC 560	Practicum - Student Teaching (1-2)	6 cr
EDUC 561	Student Teaching Seminar	<u>3 cr</u>

**TOTAL EARLY CHILDHOOD EDUCATION LICENSE REQUIREMENTS 46**

## THE MAJOR IN EDUCATION

Massachusetts College of Liberal Arts requires a major in education for students seeking Early Childhood license. Those students seeking other levels of licensure may wish to round out their degree with a dual major as well. This may be accomplished by completing three (3) additional 300/400 level elective courses in education.

## LICENSE PROGRAM IN ELEMENTARY EDUCATION (1-6)

The elementary education curriculum prepares students to become educated and competent elementary school teachers. The curriculum emphasizes a well rounded education, early and continuous field experiences, and the study of research and knowledge related to effective teaching and learning of children.

To fulfill the requirements for the elementary education program, students must complete a major in the liberal arts or sciences. Students should meet with an Education Department advisor during their freshman year. Students must also complete a license program (28 credits) in elementary education, plus a three-credit psychology course, Developmental Psychology, and fulfill the health and physical education requirements of the program.

Formal application for admission into the upper division program (Professional Semester) requires an overall 2.8 GPA, successful completion of Phases I and II, an assessment of oral and written communication skills, passing grades on Parts I, II, and III of the Massachusetts Tests for Educator Licensure, Foundations of Reading Test, two recommendations, and a successful interview. Students must have departmental approval to enroll in more than 12 credits during the Professional Semester (student teaching). Upon completion of the ELEM program, the student is eligible for initial licensure (1-6).

### Elementary Education License Requirements

\* CCSS 269 Education and Society  
 EDUC 200 Foundations of Education  
 is a prerequisite or corequisite for Phase I courses 3 cr

#### Phase I Courses

EDUC 338	Reading and Language Arts	3 cr
EDUC 339	Reading and Language Arts Preprac	1 cr
EDUC 390	Teaching Children with Special Needs	3 cr
EDUC 391	Tchg Children w/ Special Needs Prep	1 cr
PSYC 210	Developmental Psychology	3 cr

#### Phase II Courses

EDUC 412	Curriculum and Instruction	3 cr
EDUC 413	Curriculum and Instruction Preprac	1 cr
EDUC 420	Strategies of Classroom Management	3 cr
EDUC 421	Strategies of Classroom Mngmt Prepra	1 cr

#### Phase III Courses - Professional Semester

EDUC 570	Practicum - Student Teaching	9 cr
EDUC 571	Student Teaching Seminar	3 cr

**TOTAL ELEMENTARY EDUCATION  
 LICENSE REQUIREMENTS 34**

## LICENSE PROGRAM IN MIDDLE SCHOOL EDUCATION (5-8)

The middle school education program prepares students to become educated and competent middle school teachers. The curriculum emphasizes a solid education, early and continuous field experiences, and professional knowledge related to providing effective teaching and learning for the preadolescent.

To fulfill the requirements for the program, students must complete a major in the liberal arts or sciences. Students should meet with an Education Department advisor during their freshman year. Students must also complete a license program (28 credits) in middle school education plus a three-credit course in adolescent development.

Formal application for admission into the upper-division program (Professional Semester) requires an overall 2.8 GPA, an assessment of oral and written communication skills, passing grades on Parts I, II and III of the Massachusetts Tests for Educator Licensure, two recommendations, and a successful interview. Students must have departmental approval to enroll in more than 12 credits during the Professional Semester (student teaching). Upon completion of the MDSE program the student is eligible for initial licensure (5-8).

### Middle School Education License Requirements

\* CCSS 269 Education and Society  
 or EDUC 200 Foundations of Education 3 cr  
 is a prerequisite or corequisite for Phase I courses

#### Phase I Courses

EDUC 336	Reading in the Content Area	3 cr
EDUC 337	Reading in the Content Area Preprac	1 cr
EDUC 397	Teaching Adolescents/Special Needs	3 cr
EDUC 398	Tchg Adolescents/Special Needs Prep	1 cr
PSYC 386	Adolescent Development	3 cr

#### Phase II Courses

EDUC 414	Curriculum and Instruction	3 cr
EDUC 415	Curriculum and Instruction Preprac	1 cr
EDUC 422	Strategies for Classroom Management	3 cr
EDUC 423	Strategies for Classroom Mgmt Preprac	1 cr

#### Phase III - Professional Semester

EDUC 580	Practicum - Student Teaching	9 cr
EDUC 581	Student Teaching Seminar	3 cr

**TOTAL MIDDLE SCHOOL EDUCATION  
 LICENSE REQUIREMENTS 34**

# EDUCATION

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

## LICENSE PROGRAM IN SECONDARY EDUCATION (8-12)

The secondary education program prepares students to become educated and competent high school teachers. The curriculum emphasizes a solid education, early and continuous field experiences, and professional knowledge related to providing effective teaching and learning for the adolescent.

To fulfill the requirements for the program, students must complete a major in the liberal arts or sciences. Students must also complete a license program (28 credits) in secondary education, plus a three-credit psychology course, Adolescent Development.

Formal application for admission into the upper division program (Professional Semester) requires an overall 2.8 GPA, passing grades on Parts I, II & III of the Massachusetts Tests for Educator Licensure, an assessment of oral and written communication skills, two recommendations, and a successful interview. Students must have departmental approval to enroll in more than 12 credits during the Professional Semester (student teaching). Upon completion of the SECE program the student is eligible for initial licensure (8-12).

### Secondary Education License Requirements

\* CCSS 269 Education and Society  
or EDUC 200 Foundations of Education 3 cr  
is a prerequisite or corequisite for Phase I courses

#### Phase I Courses

EDUC 336	Reading in the Content Area	3 cr
EDUC 337	Reading in the Content Area Prepract	1 cr
EDUC 397	Teaching Adolescents/Special Needs	3 cr
EDUC 398	Tehng Adolescents/Special Needs Prep	1 cr
PSYC 386	Adolescent Development	3 cr

#### Phase II Courses

EDUC 416	Curriculum and Instruction	3 cr
EDUC 417	Curriculum and Instruction Prepract	1 cr
EDUC 422	Strategies for Classroom Management	3 cr
EDUC 423	Strategies for Classroom Mgmt Preprac	1 cr

#### Phase III - Professional Semester

EDUC 590	Practicum - Student Teaching	9 cr
EDUC 591	Student Teaching Seminar	3 cr

**TOTAL SECONDARY EDUCATION  
LICENSE REQUIREMENTS 34**

## TEACHER LICENSURE BY THE COMMONWEALTH OF MASSACHUSETTS

To comply with Federal regulations, Massachusetts requires that individuals who want to obtain teacher licensure in the State must pass the Massachusetts Tests for Educator Licensure.

Regulations governing elementary teacher preparation adopted by the Massachusetts Department of Education were effective October 1, 2001. The new regulations will affect students graduating after October 1, 2003. The new regulations require preparation program curricula to include upper and lower level arts and sciences coursework, including: composition, American and world literature, U.S. and world history, economics, geography, child development, science laboratory work, and mathematics and science coursework appropriate for the elementary school teacher. These subjects are included on the Massachusetts Test for Educator Licensure and follow the Massachusetts Curriculum Frameworks. Specializations within the Interdisciplinary Studies major fulfill the above mentioned requirements. Students may also choose from among the traditional liberal arts and sciences majors to fulfill the requirements.

For those who already possess a bachelor's degree, licensure may be obtained by completing a post-baccalaureate program. Interested students should meet with the license officer at their earliest convenience to find out the specific requirements for the license level they seek.

Initial licensure is granted by the Commonwealth of Massachusetts to individuals who have completed approved programs of study and received passing grades on the Massachusetts Tests for Educator Licensure. Massachusetts College of Liberal Arts, through the Education Department, offers, at the undergraduate level, programs that license regular classroom teachers in Early Childhood (Pre K-2), Elementary (1-6), Middle School (5-8), and Secondary School (8-12).

### Massachusetts College of Liberal Arts Pass Rates on the Massachusetts Tests for Educator Licensure during the 2001-2002 year

Basic Skills - 100%  
Academic Content Area - 100%  
Total Pass Rate - 100%.

Upon seeking a teaching position in the public schools, students should be aware that most school districts may require a CORI (Criminal Offender Record Information) or SOCI (Sexual Offender Record Information) check as well as evidence of inoculations and fingerprinting.

## SPECIAL EDUCATION MINOR (Nonlicensure Track)

The Education Department has created a Special Education Minor program that meets the needs of students who are majoring in other fields. Group homes housing special needs adults need trained staff. The inclusion movement has changed the look of day care centers and regular education classrooms. More special needs students are in these classes than ever before. Social workers, probation officers, rehabilitation counselors, personnel, and other business employees may come in contact with people with special needs. Consequently, they would all benefit from a background in the theory and practical application of ideas of special education. The program involves the tracking of students through a set of foundation courses with a few carefully selected optional courses. All students interested in the minor will meet with their academic advisor and the Special Education faculty member in the Education Department to assist in the planning of their program.

### Special Education Minor Requirements

#### Foundation Courses

PSYC 210	Developmental Psychology	3 cr
or PSYCH 386	Adolescent Development	
PSYC 340	Psych of Children/ Special Needs	3 cr
EDUC 240	Development of IEPs, IFSPs, ISPs	3 cr
EDUC 390*	Teaching Children with Special Needs	3 cr
or EDUC 397*	Teaching Adolescents/Special Needs	
or EDUC478	The Young Child with Special Needs	

\* Please note that Prepracticums, EDUC 391 and EDUC 398, are not required to obtain a Special Education Minor

#### Related Courses

Select one of the following:		3 cr
EDUC 380	Law, Education, and Society	
EDUC 497	Assessment & Instruction of Children with Special Needs	
BIOL 225	Adapted Physical Education	
PSYC 440	Counseling Methods in Psychology	
SOWK 348	Social Work Skills	

#### Internship

The student is expected to do a meaningful internship working with a special needs population, the specific nature of this experience is to be defined by the student's major.

The student will register for one of the following:		3 cr
EDUC 540	Internship in Education	
PSYC 540	Internship in Psychology	
SOCI 540	Internship in Sociology	
SOWK 540	Internship in Social Work	

**TOTAL SPECIAL EDUCATION MINOR REQUIREMENTS** **18**

## COURSE LISTINGS

**EDUC 118 Introduction to Infant, Toddler and Preschool Education** **3 cr**  
Provides an introduction to theories and principles of day care for preschool children aged infant through age 6. Presents a variety of activity/educational strategies. Curriculum needs, program planning, and special issues in day care will be discussed. Techniques for effectively working with parents will be addressed, as will appreciation of cultural differences among children and families.  
**Prerequisite:** PSYC 210

**EDUC 150 Infant/Toddler Internship** **3 cr**  
Provides the daycare certification student with practical experience needed for Office for Children certification. The intern will complete an individualized learning contract, sponsored and approved by an Education Department faculty member. The intern will work under close supervision of both the cooperating teacher and departmental personnel.  
**Prerequisite:** Department approval

**EDUC 151 Preschool Internship** **3 cr**  
Provides the day care certification student with practical experience needed for Office for Children certification. The intern will complete an individualized learning contract, sponsored and approved by an Education Department faculty member. The intern will work under close supervision of both the cooperating teacher and departmental personnel.  
**Prerequisite:** Department approval



# EDUCATION

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

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## **EDUC 200 Foundations of Education**

**3 cr**

Explores important historical and current issues in education. Involves students in critically thinking about the economic, social, political, philosophical, and cultural factors that have shaped America's educational system and the individuals and groups within that system.

**Prerequisite:** Department approval

## **EDUC 230 Program Development for Infants and Toddlers**

**3 cr**

Examines theory and practice of daycare for infants - up to age 3. Age-appropriate activities, program/curriculum development, and special issues in daycare will be discussed. Working with parents, assessment, individual difference, and multicultural appreciation will also be discussed.

**Prerequisite:** Department approval

## **EDUC 231 Program Development for Infants & Toddlers PrePracticum**

**1 cr**

Gives students an opportunity to apply competencies mastered in EDUC 230 to actual teaching-learning experiences with infants and toddlers. The students are required to work in a daycare setting for 45 hours per semester.

**Prerequisite:** To be taken concurrently with EDUC 230, required of all ECHE candidates

## **EDUC 240 Development of IEP's, IFSP's and ISP's**

**3 cr**

Students entering the human services field may encounter employment positions that require the ability to design and implement individualized plans. Students will learn the basic process in the development and implementation of three types of individual plans. The student will gain an understanding of their purpose, learn how to write goals and objectives, and learn how to implement these plans effectively.

**Prerequisite:** Department approval

## **EDUC 305 Program Development for 3, 4, 5 Year Olds**

**3 cr**

Examines theory and practice of preschool programs. Emphasis placed on building a developmentally appropriate environment. Students will create a portfolio of curriculum materials. Issues such as professional development, parent-teacher relationships, assessment and evaluation, and children's transition into kindergarten will also be discussed. Preschool internships to be taken simultaneously.

**Prerequisite:** Department approval

## **EDUC 306 Management of Early Childhood Education Centers**

**3 cr**

Focuses on personnel management, staff development and evaluation, budget administration, and program coordination. The roles of lead teacher and director will be considered. Policies for relationships with parents and child assessment will be examined.

**Prerequisite:** Fulfillment of Office for Children lead teacher certificate or equivalent experience

## **EDUC 324 Teaching Math/Science K-8**

**3 cr**

Supports the preservice and inservice teacher in planning for the teaching and learning of science and mathematics in the K-8 classroom. Major concepts, curriculum theory, and instructional strategies appropriate to math and science education are explored in a hands-on workshop format. Current topics, issues, and movements in science and math education are examined.

**Prerequisite:** Department approval

## **EDUC 325 Teaching Science: Elementary and Middle School**

**3 cr**

Organizes and plans for teaching and learning science. Major principles of science, the development of science lesson plans, experiments and demonstrations, enrichment activities, and science projects are included. The shaping of science education in today's elementary and middle schools is examined through recent science education research materials.

**Prerequisite:** Department approval

## **EDUC 326 Teaching Integrated Language Arts and Social Studies**

**3 cr**

Explores the relationships that exist between the Language Arts and Social Studies. Investigates essential knowledge, attitudes, and skills for advanced learning. Students will also learn to create interdisciplinary curriculum and methodologies for teaching these subject areas, including curriculum that reflects the cultural diversity within classrooms today.

**Prerequisite:** Department approval

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

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## EDUCATION

### **EDUC 336 Reading in the Content Area**

**3 cr**

Examines effective strategies to support middle and secondary students' ability to use language to learn. In addition to reading and writing text, alternative modes of demonstrating learning will be explored. Technology will be included through e-mail assignments. Reflection and professional growth are concurrent goals. To be taken concurrently with EDUC 337.

**Prerequisite:** Departmental approval

### **EDUC 337 Reading in the Content Area Prepracticum**

**1 cr**

Creates an experiential portfolio including classroom observations, written reflections and lesson plans based on a minimum of 35 hours of classroom field experience. To be taken concurrently with EDUC 336.

**Prerequisite:** Department approval

### **EDUC 338 Reading and Language Arts**

**3 cr**

Emphasizes an integrated, constructivist approach to teaching the language arts based on cognitive, psycholinguistic, and sociolinguistic theories about how children learn language. Teaching strategies are introduced that help children learn to communicate effectively using listening, talking, reading and writing. Organizational patterns of instruction that emphasize literature, theme cycles, and workshop approaches are explored. To be taken concurrently with EDUC 339.

**Prerequisite:** Department approval

### **EDUC 339 Reading and Language Arts Prepracticum**

**1 cr**

Observe, assist, plan and implement instruction in small and large groups, assess pupil progress, and employ curricular, instructional and environmental adaptations to meet needs of individual pupils in this 35 hour field experience. To be taken concurrently with EDUC 338.

**Prerequisite:** Department approval

### **EDUC 360 Literature for Children and Young Adults**

**3 cr**

Surveys literature published for children and young adults, covering both art and text. Explores picture books, folklore, fantasy, contemporary realism, historical fiction, poetry, and informational books. Develops the critical skills necessary for evaluating materials and using them in the classroom.

**Prerequisite:** Department approval

### **EDUC 371 Ideas and Innovations: An Historical Analysis of Education**

**3 cr**

Enhances understanding of contemporary education by examining its historical context. Studies the educational ideas and innovations of selected scholars (e.g., Broudy, Dewey, Illich, Pestalozzi, Socrates) who have had a major influence on contemporary educational thought and practice.

**Prerequisite:** Junior/senior status, department approval

### **EDUC 373 Role of Arts in Education**

**3 cr**

An interdisciplinary approach to the study of arts in education. Music, theatre, dance, sculpture, and painting are some of the arts to be explored. Students will find this course helpful in adapting the arts to their particular liberal arts and science major.

**Prerequisite:** Junior/senior status, department approval

### **EDUC 380 Law, Education, and Society**

**3 cr**

Examines the roles played by the courts in establishing educational policy. Considers sources of legal authority in terms of their influence on education practices and the rights and responsibilities of school personnel and students.

**Prerequisite:** Junior/senior status

### **EDUC 390 Teaching Children with Special Needs**

**3 cr**

Emphasizes the role of the elementary school teacher in identifying, assessing and instructing pupils with special needs in inclusive settings. Attention is given to effective practices that involve instructional adaptations in classroom organization, grouping, materials, and instruction. Special focus is given to the role of the regular classroom teacher as a member of a multi-disciplinary team that assures the success of special needs students through collaborative planning and problem solving. To be taken concurrently with EDUC 391.

**Prerequisite:** Department approval

# EDUCATION

Chairperson: Ellen Barber, Ed.D.  
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## **EDUC 391 Teaching Children with Special Needs Prepracticum**

**1 cr**

Observe and participate in an educational setting that include children with special needs within the general education classroom. Learn from mentor teachers in a 35 hour field based experience. Assist in planning and implementing specific lessons and activities for heterogeneous groups of students, including those on Individualized Educational Plans. To be taken concurrently with EDUC 390.

**Prerequisite:** Department approval

## **EDUC 397 Teaching Adolescents with Special Needs**

**3 cr**

Reviews special education legislation, characteristics of specific disabilities, development of individual educational plans, learning styles and multiple intelligences, adapting and modifying curriculum, and best practices of inclusive education. Provides theory and practice for middle and high school pre-service teachers to explore ways to build community in their classrooms and discover the importance of working collaboratively with other professionals. To be taken concurrently with EDUC 398.

**Prerequisite:** Department approval

## **EDUC 398 Teaching Adolescents with Special Needs Prepracticum**

**1 cr**

Observe and participate in an educational setting that includes adolescents with special needs within the general education classroom. Learn from mentor teachers in a 35 hour field based experience. Assist in planning and implementing specific lessons and activities for heterogeneous groups of students, including those on Individualized Educational Plans. To be taken concurrently with EDUC 397.

**Prerequisite:** Department approval

## **EDUC 409 Curriculum Theory and Design for Early Childhood**

**3 cr**

Plan, develop and assess instructional units designed for understanding. Link designs to state standards and create a continuum of assessment methods. Pre-service teachers will be active learners as they participate in designing developmentally appropriate lessons, units and assessments. To be taken concurrently with EDUC 411.

**Prerequisite:** Department approval

## **EDUC 410 Curriculum and Instruction (ECHE)**

**3 cr**

Plan, develop and assess instructional units designed for understanding. Link designs to state standards and create a continuum of assessment methods. Pre-service teachers will be active learners as they participate in designing developmentally appropriate lessons, units and assessments. To be taken concurrently with EDUC 411.

**Prerequisite:** Department approval

## **EDUC 411 Curriculum and Instruction (ECHE) Prepracticum**

**1 cr**

Design lessons utilizing a variety of instructional strategies that enhance student understanding; implement individual lesson plans in classroom settings and evaluate their effectiveness and create a portfolio of representative lessons and assessment methods that are matched to the needs of the learner. To be taken concurrently with EDUC 409 or EDUC 410.

**Prerequisite:** Department approval

## **EDUC 412 Curriculum and Instruction (ELEM)**

**3 cr**

Plan, develop and assess instructional units designed for understanding. Link designs to state standards and create a continuum of assessment methods. Pre-service teachers will be active learners as they participate in designing developmentally appropriate lessons, units and assessments. To be taken concurrently with EDUC 413.

**Prerequisite:** Department approval

## **EDUC 413 Curriculum and Instruction (ELEM) Prepracticum**

**1 cr**

Design lessons utilizing a variety of instructional strategies that enhance student understanding; implement individual lesson plans in classroom settings and evaluate their effectiveness and create a portfolio of representative lessons and assessment methods that are matched to the needs of the learner. To be taken concurrently with EDUC 412.

**Prerequisite:** Department approval

## **EDUC 414 Curriculum and Instruction (MDSC)**

**3 cr**

Plan, develop and assess instructional units designed for understanding. Link designs to state standards and create a continuum of assessment methods. Pre-service teachers will be active learners as they participate in designing developmentally appropriate lessons, units and assessments. To be taken concurrently with EDUC 415.

**Prerequisite:** Department approval

Chairperson: Ellen Barber, Ed.D.  
(413) 662-5381, ebarber@mcla.edu

## EDUCATION

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### **EDUC 415 Curriculum and Instruction (MDSC) Prepracticum**

**1 cr**

Design lessons utilizing a variety of instructional strategies that enhance student understanding; implement individual lesson plans in classroom settings and evaluate their effectiveness and create a portfolio of representative lessons and assessment methods that are matched to the needs of the learner. To be taken concurrently with EDUC 414.

**Prerequisite:** Department approval

### **EDUC 416 Curriculum and Instruction (SECE)**

**3 cr**

Plan, develop and assess instructional units designed for understanding. Link designs to state standards and create a continuum of assessment methods. Pre-service teachers will be active learners as they participate in designing developmentally appropriate lessons, units and assessments. To be taken concurrently with EDUC 417.

**Prerequisite:** Department approval

### **EDUC 417 Curriculum and Instruction (SECE) Prepracticum**

**1 cr**

Design lessons utilizing a variety of instructional strategies that enhance student understanding; implement individual lesson plans in classroom settings and evaluate their effectiveness and create a portfolio of representative lessons and assessment methods that are matched to the needs of the learner. To be taken concurrently with EDUC 416.

**Prerequisite:** Department approval

### **EDUC 420 Strategies of Classroom Management (ECHE & ELEM)**

**3 cr**

Examines the dynamics of the physical, psychological, social and personal elements of the early childhood and elementary classroom. Emphasis is placed on developing personal responsibility in each learner. Using the paradigm of problem ownership as a framework, multiple techniques for managing the classroom environment will be studied, practiced and reflected upon. Will develop professional skills and attitudes required for licensure. To be taken concurrently with EDUC 421.

**Prerequisite:** Department approval

### **EDUC 421 Strategies of Classroom Management (ECHE & ELEM) Prepracticum**

**1 cr**

Uses age appropriate models of classroom management based on theory and research gleaned from the Strategies of Classroom Management course in this 35 hour field experience. Identify situations where models can be used to resolve problems and complete case studies in respective classrooms. To be taken concurrently with EDUC 420.

**Prerequisite:** Department approval

### **EDUC 422 Strategies of Classroom Management (MDSC & SECE)**

**3 cr**

Studies techniques for managing and disciplining adolescents and pre-adolescents in today's classroom. Examines the dynamics of physical, psychological, social and personal elements of the classroom. Emphasis is placed on developing personal responsibility in youth. Using the paradigm of problem ownership as a framework, multiple techniques of managing the classroom environment will be studied, practiced and reflected upon. Will develop professional skills and attitudes required for licensure. To be taken concurrently with EDUC 423.

**Prerequisite:** Department approval

### **EDUC 423 Strategies of Classroom Management (MDSC & SECE) Prepracticum**

**1 cr**

Uses age appropriate models of classroom management based on theory and research gleaned from the Strategies of Classroom Management course in this 35 hour field experience. Identify situations where models can be used to resolve problems and complete case studies in respective classrooms. To be taken concurrently with EDUC 422.

**Prerequisite:** Department approval

### **EDUC 460 Special Topics in Education**

**3 cr**

Studies problems, concepts, issues, topics, or themes that are of particular importance in the field of education. Special Topic seminars may explore any of a variety of topics concerning academic freedom, affirmative action, basics, compensatory education, computers in teaching, multicultural education, values, learning styles, and human rights, among others, as they relate to the field of education.

**Prerequisite:** Department approval

### **EDUC 471 The Influence of Culture on Teaching and Learning**

**3 cr**

Examines the impact of culture on teaching and learning. Specifically, this course explores how dialect differences, cultural learning styles, preconceived notions of cultures, and cultural biases in evaluative measurements affect teaching, learning, teachers, students, and self-esteem.

**Prerequisite:** Junior/senior status, department approval

# EDUCATION

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## **EDUC 473 Contemporary Educational Issues**

**3 cr**

Examines contemporary issues in education on ideological grounds and on national and local levels (e.g., bilingual education, multiculturalism, general-liberal education). These issues will be explored from interfacing viewpoints (i.e., political, educational, economics, social) so that students can formulate their own views based on careful consideration of the arguments.

**Prerequisite:** Junior/senior status, department approval

## **EDUC 478 The Young Child with Special Needs**

**3 cr**

Studies basic and special needs of preschool and young school age children. Examines mainstreaming, inclusion group composition, group tolerance of deviant behavior, physical and mental handicaps, emotional disturbances, and learning disabilities. Examines various teaching strategies for children with differences and also examines procedures for screening, core evaluations and development of IEPs.

**Prerequisite:** To be taken concurrently with EDUC 550, 305, 360, required of ECHE licensure candidates, department approval

## **EDUC 495 Literacy: Research, Assessment, and Instruction**

**3 cr**

Children's levels of performance in listening, speaking, reading, and writing will be assessed through the employment of observations, instruments, portfolios, informal inventories, and standardized test instruments. Curricular and instructional adaptations will be made for individual pupils based on the assessment results. Group action research projects will focus on questions and problems that arise in the regular classroom. A weekly three-hour, field-based component is required in an elementary school.

**Prerequisite:** Satisfactory completion of Phase I and Phase II of the teacher licensure program, department approval

## **EDUC 497 Assessment and Instruction of Children with Special Needs**

**3 cr**

Employing a curriculum-based assessment model, students will engage in survey-level and specific-level testing of listening, word recognition, reading, writing, mathematics, and social skills. Educational prescriptions will be designed and implemented for children with special needs. Each course participant is required to complete assessment and instructional assignments with pupils in an elementary setting for 2 1/2 hours a week.

**Prerequisite:** Department approval or acceptance into the special education minor

## **EDUC 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; departmental approval

## **EDUC 540 Internship in Education**

**3-15 cr**

Interning in a public or private organization or agency such as higher education, hospital, recreational or elderly centers will occur. Completion of an individualized learning contract sponsored and approved by an Education Department faculty member. Internship may involve, but is not limited to, education-related tasks such as training, organizational development, computer-based learning, and human resource development.

**Prerequisite:** Junior/senior status, department approval

## **EDUC 550 Practicum - Student Teaching (Preschool)**

**3 cr**

Provides the culminating pre-K to K field experience for teacher licensure. Students spend five half days per week in a preschool classroom for approximately one third of the semester and the remainder of the semester in a grade 1 or 2 classroom. In the role of classroom teacher, the practicum student works with individual children, teaches both small and large group lessons, plans and implements several units of instruction, and carries out a variety of other responsibilities.

**Prerequisite:** Department approval, required of all ECHE licensure candidates.

## **EDUC 560 Practicum-Student Teaching (ECHE)**

**6 cr**

## **EDUC 570 Practicum-Student Teaching (ELEM)**

**9 cr**

## **EDUC 580 Practicum-Student Teaching (MDSE)**

**9 cr**

## **EDUC 590 Practicum-Student Teaching (SECE)**

**9 cr**

Provides the culminating field experience for teacher licensure. Students spend five full days per week in a school classroom. In the role of classroom teacher, the practicum student works with individual children, teaches both small and large group lessons, plans and implements several units of instruction, and carries out a variety of other responsibilities.

**Prerequisite:** Department approval

Chairperson: Ellen Barber, Ed.D.  
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## EDUCATION

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<b>EDUC 561 Student Teaching Seminar (ECHE)</b>	<b>3 cr</b>
<b>EDUC 571 Student Teaching Seminar (ELEM)</b>	<b>3 cr</b>
<b>EDUC 581 Student Teaching Seminar (MDSE)</b>	<b>3 cr</b>
<b>EDUC 591 Student Teaching Seminar (SECE)</b>	<b>3 cr</b>

While engaged in the practicum semester, student teachers have a need to be reflective of this experience. Under the guidance of an experienced Massachusetts College of Liberal Arts mentor, this seminar provides students with opportunities to share and to reflect on their efforts to successfully merge theory and practice. The seminar will require students to conduct action research in their classes. To be taken concurrently with Practicum-Student Teaching.

**Prerequisite:** Department approval, to be taken concurrently with EDUC 560, 570, 580, or 590

<b>EDUC 565 Student Teaching Half-Practicum (ECHE)</b>	<b>1-6 cr</b>
<b>EDUC 575 Student Teaching Half-Practicum (ELEM)</b>	<b>1-9 cr</b>
<b>EDUC 585 Student Teaching Half-Practicum (MDSE)</b>	<b>1-9 cr</b>
<b>EDUC 595 Student Teaching Half-Practicum (SECE)</b>	<b>1-9 cr</b>

Provides the culminating field experience for teacher licensure. Students spend five half days per week in a school classroom. In the role of classroom teacher, they work with individual children, teach both small and large group lessons, plan and implement several units of instruction and carry out a variety of other responsibilities. This half-practicum is designed to be used on very rare occasions when a student needs to do a practicum over a two-semester period of time. Students will register for 3-4 credits one semester and for 3-5 credits the second semester.

**Prerequisite:** Department approval

# ENGLISH/ COMMUNICATIONS

Chairperson: Robert E. Bishoff, Ph.D.  
(413) 662-5371, rbishoff@mcla.edu

## PROGRAMS AVAILABLE

**BACHELOR OF ARTS IN ENGLISH  
LITERATURE CONCENTRATION  
WRITING CONCENTRATION  
JOURNALISM CONCENTRATION  
BROADCAST MEDIA CONCENTRATION  
PUBLIC RELATIONS CONCENTRATION  
FILM STUDIES CONCENTRATION  
CORPORATE COMMUNICATIONS CONCENTRATION  
DRAMATIC LITERATURE CONCENTRATION  
ENGLISH MINOR  
LITERATURE MINOR  
TEACHER LICENSURE**

### **ENGLISH/COMMUNICATIONS MAJOR PROGRAM**

The Department of English/Communications offers a four-year program leading to a Bachelor of Arts in English. The foundation of the program gives students a broad background in literature, language, and media. Beyond the foundation, students take additional courses in one of the following concentrations: Literature, Writing, Journalism, Broadcast Media, Public Relations, Film Studies, Dramatic Literature, and Corporate Communications. Finally, students complete their major with additional courses which best meet such career objectives as teaching, law, journalism, data processing, public relations, advertising, insurance, radio production, broadcast journalism, technical writing, consumer relations, editing, politics, and many more. Students graduating with a degree in English/Communications will be able to:

- establish, clarify, and elaborate a distinct and articulate proposition, issue, or idea in both written and spoken communication;
- use a credible rhetorical stance, consistent tone, and coherent argument in an effort to persuade various audiences of certain ideas and beliefs;
- distinguish between facts, inferences, and opinions;
- understand, evaluate, and explain the pattern of argument, mode of development, and organization of assumptions in a wide variety of written and spoken discourse;
- shape various kinds of texts for various audiences;
- explain the meaning, intention, and purposes of a wide range of texts;
- articulate patterns and purposes within various texts by the same author.

- describe in a sympathetic and complex scenario how texts develop against the background of American society and culture as well as to direct, define, and determine credible models for cultural authority in American life;
- describe how the meanings of texts have been shaped by different reading strategies;
- synthesize the principle themes, issues, and competencies of the major.

#### **Foundation Courses**

ENGL 211	Introduction to Mass Media	3 cr
ENGL 250	Essentials of Literature	3 cr
ENGL 351-65	Major Author (Select One)	3 cr
ENGL 366-80	Literature in Context (Select One)	3 cr
ENGL 381-95	Diverse Voices in American Lit. (Select One)	3 cr
	Any advanced writing course at 200 level or above	3 cr
ENGL 451	British Masterpieces or ENGL 461 American Masterpieces or ENGL 471 World Masterpieces	3 cr
ENGL 490	Senior Seminar	<u>3 cr</u>

**TOTAL FOUNDATION COURSES** **24**

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(413) 662-5371, rbishoff@mcla.edu

# ENGLISH/ COMMUNICATIONS

## CONCENTRATION IN LITERATURE

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 349 Critical Reading or any 400-level literature course	3 cr
ENGL 351 Major Author: Shakespeare	3 cr
Two elective literature courses at 300 or 400 level	<u>6 cr</u>

**TOTAL LITERATURE CONCENTRATION  
REQUIREMENTS 42**

## CONCENTRATION IN DRAMATIC LITERATURE

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 351 William Shakespeare	3 cr
One additional English/Communications dramatic literature course	3 cr
Two electives at the 2-300 level*	<u>6 cr</u>

\*May be fulfilled by selecting from the following  
sequential courses in Fine and Performing Arts:

THEA 271	Discovering Plays
THEA 381	Theatre History I
THEA 383	Theatre History II

**TOTAL DRAMATIC LITERATURE  
CONCENTRATION REQUIREMENTS 42**

## CONCENTRATION IN WRITING

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
Four writing courses beyond the core writing requirement, two of which must be at 300 or 400 level	<u>12 cr</u>

**TOTAL WRITING CONCENTRATION  
REQUIREMENTS 42**

## CONCENTRATION IN JOURNALISM

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 225 Writing for Print News Media	3 cr
ENGL 221 Literary Journalism or ENGL 328 Issues in Journalism	3 cr
ENGL 305 Magazine Writing and Editing or ENGL 323 Publication Design and Topography	3 cr
ENGL 321 News Editing Practicum	<u>1-6 cr</u>

**TOTAL JOURNALISM CONCENTRATION  
REQUIREMENTS 40-45**

## CONCENTRATION IN BROADCAST MEDIA

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 212 Radio Production	3 cr
ENGL 214 Basic TV Production & Broadcasting	3 cr
ENGL 312 Radio Practicum or ENGL 302 Scriptwriting	3 cr
ENGL 314 Adv TV Production & Broadcasting or ENGL 318 The Popular Arts as Business	<u>3 cr</u>

**TOTAL BROADCAST MEDIA  
CONCENTRATION REQUIREMENTS 42**

## CONCENTRATION IN PUBLIC RELATIONS

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 212 Radio Production or ENGL 214 Basic TV Production and Broadcasting	3 cr
ENGL 225 Writing for Print News Media	3 cr
ENGL 318 The Popular Arts as Business	3 cr
ENGL 396 Public Relations	3 cr

**TOTAL PUBLIC RELATIONS  
CONCENTRATION REQUIREMENTS 42**



# ENGLISH/ COMMUNICATIONS

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(413) 662-5371, rbishoff@mcla.edu

## CONCENTRATION IN FILM STUDIES

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 210 Essentials of Film	3 cr
ENGL 397 Special Topics in Film	3 cr
ENGL 412 Filmmakers and Filmmaking	3 cr
ENGL 414 Film Theory and Criticism	<u>3 cr</u>

**TOTAL FILM STUDIES CONCENTRATION REQUIREMENTS 42**

## CONCENTRATION IN CORPORATE COMMUNICATIONS

### Requirements

Foundation Courses	24 cr
Department Electives	6 cr
ENGL 306 Business Writing or Presentation or ENGL 318 The Popular Arts as Business	3 cr
ENGL 396 Public Relations	3 cr
BADM 210 Information Technology for Business or BADM 384 Marketing Communications	3 cr
BADM 270 Marketing	<u>3 cr</u>

**TOTAL CORPORATE COMMUNICATION CONCENTRATION REQUIREMENTS 42**

### Departmental Electives Requirements

The six hours of English electives that complete the major's requirements provide flexibility within the major. Working closely with the departmental advisor, the student may choose electives that (a) strengthen his/her area of concentration, (b) enrich the possible applications of specialization, or (c) broaden qualifications. For example, a student with a journalism concentration could choose two additional journalism courses, or three selected courses in the closely related public relations offerings, or an assortment of literature courses, or any combination thereof that would best suit his/her individual needs and preferences. In any case, the selection of English electives should reflect a coherent plan, have clear goals, and broaden a student's exposure to the field.

Departmental elective credit will be given for six credit hours of intermediate foreign language or the six credits can be substituted for ENGL 349 Critical Reading. We recommend that all English majors attain at least intermediate proficiency in a foreign language.

### Flow of Required Courses

Foundation courses, concentration courses, and departmental electives should, if possible, be taken in the following order.

#### Freshman/Sophomore Year

ENGL 211 Introduction to Mass Media  
ENGL 250 Essentials of Literature

#### Sophomore/Junior Year

Two foundation requirement courses  
Required course in advanced writing

First concentration course  
ENGL 349 Critical Reading

#### Junior Year

Two foundation requirement courses  
Second concentration course

Third concentration course  
First departmental elective

#### Senior Year

Second departmental elective  
Fourth concentration course  
ENGL 490 Senior Seminar

## ENGLISH MINOR PROGRAM

### Requirements

ENGL 211 Introduction to Mass Media	3 cr
ENGL 250 Essentials of Literature	3 cr
Any advanced writing course	3 cr
Any 3-courses from a 4-course concentration other than Literature	<u>9 cr</u>

**TOTAL ENGLISH MINOR REQUIREMENTS 18**

## LITERATURE MINOR PROGRAM

### Requirements

ENGL 250 Essentials of Literature	3 cr
ENGL 349 Critical Reading	3 cr
ENGL 351-65 Major Author (Select One)	3 cr
ENGL 366-80 Literature in Context (Select One)	3 cr
ENGL 381-95 Diverse Voices in American Lit. (Select One)	3 cr
Any advanced writing course	<u>3 cr</u>

**TOTAL LITERATURE MINOR REQUIREMENTS 18**

## TEACHING LICENSURE

Students majoring in English may opt to pursue initial licensure as an early childhood teacher, elementary teacher, or middle school teacher. Also, English majors may pursue initial licensure as a teacher of English for the middle school and secondary levels. These students will complete an English major and a licensure program in education.

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# ENGLISH/ COMMUNICATIONS

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## COURSE LISTINGS

### **ENGL 101 Composition I**

**3 cr**

Builds college writing skills, emphasizing topic focus, thesis development, rhetorical stance, tone, unity and coherence, rhetorical modes, Standard Written American English, and revision.

**Prerequisite:** None

### **ENGL 132 Discovering Voices**

**3 cr**

Develops techniques in reading imaginative literature aloud. Analyzes language to capture its meaning and recreate the sounds of a variety of literary forms.

**Prerequisite:** None

### **ENGL 196 Forms of Speech**

**3 cr**

Develops basic speaking principles and provides extensive practice in speaking skills necessary for successful college-level performance. Covers adapting topics to purpose and audience; using substantial support for each point; logically developing concepts; speaking with a clear, consistent tone; developing good listening skills; and preparing oral presentations in a variety of settings.

**Prerequisite:** None

### **ENGL 202 The Personal Essay**

**3 cr**

Explores personal essays from the classical era to the present. Uses a workshop format where students write a variety of personal essays, choosing from among meditation, confession, letter, memoir, portrait, prose poem, reportage, and humor.

**Prerequisite:** None

### **ENGL 205 Introduction to Black and White Photography**

**3 cr**

Introduces students to 35 mm black and white photographic and darkroom techniques. Includes various forms of composition including photo-journalism. Students are expected to provide a manual 35 mm camera, photographic paper, and film.

**Prerequisite:** None

### **ENGL 208 Experiments in Creative Writing**

**3 cr**

Experiments with various approaches to creative writing by focusing on questions of originality and creativity in language. Stresses the exploratory and playful approaches both to language itself and, more importantly, to the production of meaning in language which open avenues to effective creative writing.

**Prerequisite:** None

### **ENGL 210 Essentials of Film**

**3 cr**

Focuses on film interpretation by emphasizing elements such as light, sound, composition, camera movement, acting, and direction. Initiates students into developments in film history, film genre, and film theory.

**Prerequisite:** None

### **ENGL 211 Introduction to Mass Media**

**3 cr**

Surveys various media, stressing their historical evolution and the technological and socio-cultural forces that shape them. Includes newspapers, magazines, film, radio, and television.

**Prerequisite:** None

### **ENGL 212 Radio Production**

**3 cr**

Explores radio production values and possibilities. Includes basic news coverage, scripting, preproduction planning, interviewing, and audiotape editing and mixing.

**Prerequisite:** None

### **ENGL 214 Basic Television Production and Broadcasting**

**3 cr**

Examines how television production employs verbal and visual communication. Includes experience with principles, theory, and practice of television production and broadcasting in the studio. Requires work on individual and crew projects.

**Prerequisite:** None

# ENGLISH/ COMMUNICATIONS

Chairperson: Robert E. Bishoff, Ph.D.  
(413) 662-5371, rbishoff@mcla.edu

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## **ENGL 221 Literary Journalism**

**3 cr**

Surveys the rich literature of creative nonfiction. Students read and analyze the work of several contemporary literary journalists - such as John McPhee, Annie Dillard, Gretel Ehrlich, and Joseph Mitchell-as well as a sampling of historical authors, such as Daniel DeFoe and Henry David Thoreau. Students identify themes and techniques of literary journalists and how these are similar to or different from fiction writers. They also have an opportunity to practice writing short pieces in this genre.

**Prerequisite:** None

## **ENGL 225 Writing for Print News Media**

**3 cr**

Introduces students in print journalism to major news elements, media law, reporting, types of stories and copy editing. Requires competence in writing the basic news story and practice in writing other forms, e.g., the press release and feature. Students may be required to submit stories and/or opinion pieces to the *Beacon* for publication.

**Prerequisite:** None

## **ENGL 231 The Power of Words**

**3 cr**

Explores the way words and symbols shape human thought, behavior, and institutions. Traces how meanings arise, why communication is hazardous, and what makes messages subject to misinterpretation. Provides useful tools for functioning in a world in which language can be misleading and even destructive.

**Prerequisite:** None

## **ENGL 250 Essentials of Literature**

**3 cr**

Seeks to develop each student's ability to understand and respond to a variety of literary texts by repeated practice in textual explication through discussion and written work. While most readings will be drawn from poetry, drama, and prose fiction, the course will also embrace, where appropriate, texts drawn from mass media.

**Prerequisite:** None

## **ENGL 265 Literary Theme**

**3 cr**

Explores the ways in which selected themes continually reappear in literature. Considers the relationships between literary themes and the ways individuals choose to live their lives. Content identified by subtitle.

**Prerequisite:** None

## **ENGL 270 Literary Genre**

**3 cr**

Examines the question of how an author's choice of a single literary mode, genre, or type affects the meanings of a text. May focus on plays, short stories, song lyrics, comedy, romance, novels, myths, or other genres.

**Prerequisite:** None

## **ENGL 300 Creative Writing: Fiction**

**3 cr**

Focuses on the craft of fiction and the student's own short stories. Literary works are analyzed for writing techniques, but the emphasis of the course is on constructive criticism of the student's work by the class and by the instructor and on exercises to help develop imagination and skill.

**Prerequisite:** None

## **ENGL 301 Creative Writing: Poetry**

**3 cr**

Features the art of writing poetry, and a critique of the student's own poems. Literary works are analyzed for form and writing techniques, but the emphasis of the course is on constructive criticism of the student's work by the class and by the instructor.

**Prerequisite:** None

## **ENGL 302 Creative Writing: Scripts**

**3 cr**

Pursues the craft of scripting, focusing on the student's own writing of television, film, theatre, or slide/tape scripts. Published works are analyzed for writing techniques, but the emphasis of the course is on constructive criticism of student work by peers and by the instructor and on exercises that help to develop imagination and visual literacy in the creation of dialogue, characters, and action.

**Prerequisite:** None

## **ENGL 303 Writing Prose**

**3 cr**

Gives students who have completed their foundational studies additional practice and instruction in writing nonfiction prose. Explores the adaptation of such prose to specific contexts. Individual courses may focus on prose writing in a particular discourse community (e.g., business, science and technology, education), which will be identified by subtitle.

**Prerequisite:** Department approval

Chairperson: Robert E. Bishoff, Ph.D.  
(413) 662-5371, rbishoff@mcla.edu

## ENGLISH/ COMMUNICATIONS

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- ENGL 304 Creative Writing: Playwriting** **3 cr**  
Develops and exercises story telling abilities through the writing of dramatic works for the stage. Students will explore the Aristotelian elements of classical drama as well as the unities of time, place, and action. Through activities designed to improve skills used to create these elements and through close textual analyses of successful models, students will work toward the goal of writing individual producible one-act plays.  
**Prerequisite:** None
- ENGL 305 Magazine Writing and Editing** **3 cr**  
Studies the art of writing and editing articles for magazines. Students will analyze current publications, write articles on subjects of their own choosing, and practice editing skills. Class will include group critiques of written work and individual conferences.  
**Prerequisite:** ENGL 225 or department approval
- ENGL 306 Business Writing and Presentation** **3 cr**  
Provides practice in writing strong, clear, and creative business communications.  
**Prerequisite:** junior standing or department approval
- ENGL 308 Writing Tutor Workshop** **3 cr**  
Provides training and assistance for students who want to work as peer tutors in writing. This workshop offers a practical and theoretical framework for any student interested in the writing process.  
**Prerequisite:** Permission of instructor
- ENGL 309 Technical Writing** **3 cr**  
Emphasizes principles of technical communication, particularly document design and readability, and gives students the opportunity to apply these principles in writing reports, instructions, descriptions, and abstracts for science, business, and communications.  
**Prerequisite:** Department approval
- ENGL 312 Radio Practicum** **1-6 cr**  
Assists students in creating advanced live and audiotape productions of professional broadcast quality and/or assuming positions of management in a noncommercial FM radio station. Credit determined by extent of project(s).  
**Prerequisite:** None
- ENGL 314 Advanced Television Production and Broadcasting** **3 cr**  
Acquaints students with the theoretical and practical applications of television broadcasting systems. Focuses on theoretical and practical projects; particular attention will be paid to broadcast journalism with special emphasis on investigative reporting. Students will also become familiar with other aspects of television studio facilities.  
**Prerequisite:** ENGL 214
- ENGL 315 Constructing the Short Film** **3 cr**  
Acquaints students with the various aspects of the film production process through the use of videotape. This course gives students an understanding of the kinds of decisions filmmakers encounter and the kinds of techniques they employ. Activities include preparing detailed shooting scripts, experiments with photography, light, color, motion, sound, and editing, and manipulating both live action and animated materials. Individually or in small groups, students will produce a 10-15 minute film.  
**Prerequisite:** None
- ENGL 316 Broadcast Delivery** **3 cr**  
Focuses on the analysis and development of techniques and skills needed for performance of news, commercials, editorials, and "on scene" reporting. Emphasizes voice quality, diction, and presentational skills. Critical assessment of professionals is stressed. Culminates in the production of professional audition videotapes.  
**Prerequisite:** None
- ENGL 318 The Popular Arts as Business** **3 cr**  
Examines and analyzes various aspects of the relationships between the creative artist, the artistic creation, and the commercial marketplace. Explores questions of artistic product design, funding sources, costs and profits, and distribution and marketing through individual and group projects. The specific arts under consideration include such possible areas as film and television, radio, theatre, music, visual arts, and publishing.  
**Prerequisite:** ENGL 211 or department approval

# ENGLISH/ COMMUNICATIONS

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(413) 662-5371, rbishoff@mcla.edu

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## **ENGL 319 Global Issues in Communication**

**3 cr**

Studies in depth a specific aspect of global communication. Provides the student with a general knowledge of the geopolitical issues of international communication, including technological, economic, and political/ideological patterns.

**Prerequisite:** ENGL 211

## **ENGL 321 News Editing Practicum**

**1-6 cr**

Concentrates on editing and the functions of a newspaper editor. Fills junior staff positions on the college newspaper to refine writing, design, and layout skills.

**Prerequisite:** ENGL 225 or department approval

## **ENGL 323 Publication Design and Typography**

**3 cr**

Studies contemporary layouts and design principles, with special emphasis on integrating content, typography, and design for a "total communications package." Includes basic typography and an overview of printing processes and composing methods. Students create layouts for brochures, newsletters, newspapers, and magazines and may utilize computer graphics programs.

**Prerequisite:** None

## **ENGL 324 Broadcast Journalism**

**3 cr**

Emphasizes investigative reporting as it relates to gathering, writing, and presenting news and documentary for television. Examines the practical and theoretical concepts of electronic news gathering (ENG) and electronic field production (EFP). Analyzes standards for broadcast journalism.

**Prerequisite:** ENGL 225, ENGL 214, and permission of instructor

## **ENGL 328 Issues in Journalism**

**3 cr**

Discusses issues and problems central to the practice of journalism and the role of the media in the democratic society. Issues may include environmental journalism; media, law and ethics; investigative reporting; government, politics, and the press; covering popular culture; and others. Students may be required to produce journalism articles and/or commentaries based on those or related issues.

**Prerequisite:** None

## **ENGL 331 The Story of English**

**3 cr**

Explores the history and development of the English language from Anglo Saxon to its current evolution as a world language. Traces the growth of the language in historical, cultural and literary contexts, using diverse texts and films, with special emphasis on varieties of English spoken and written in the New World. Students research special topics.

**Prerequisite:** Departmental approval

## **ENGL 340 Literature and Society**

**3 cr**

Discusses and analyzes a variety of literary works that illuminate social issues. Integrates literature with other disciplines by focusing on several contemporary themes of social relevance.

**Prerequisite:** ENGL 250

## **ENGL 349 Critical Reading**

**3 cr**

Explores different ways of reading a text. Students use diverse critical methods to consider the distinct understandings of a text produced by different reading methods. Examines connections between developments in critical theory and parallel developments in philosophy, art and film criticism, and social theory. A variety of critical methods will be examined.

**Prerequisite:** ENGL 250 or department approval

## **ENGL 351-365 Major Author**

**3 cr**

Studies a variety of works by a single author or, in some cases, a small cluster of related authors. Guides students in identifying the characteristic preoccupations and perspectives shared by texts with common authorship and in using that knowledge to explicate specific texts. Students will also practice using biographical details when assessing an author's vision.

ENGL 351 William Shakespeare

ENGL 357 Virginia Woolf

ENGL 352 John Donne

ENGL 358 Robert Penn Warren

ENGL 353 Melville & Hawthorne

ENGL 359 Toni Morrison

ENGL 354 Charles Dickens

ENGL 360 Whitman, Williams & Roethke

ENGL 355 James & Twain

ENGL 361 John Steinbeck

ENGL 356 James Joyce

ENGL 362 Moore & Bishop

**Prerequisite:** ENGL 250 or department approval

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# ENGLISH/ COMMUNICATIONS

## **ENGL 366-380 Literature in Context**

**3 cr**

Studies particular texts in their historical, philosophical, and social contexts. Students will practice using evidence from those various contexts to sharpen their sense of how literary works steer the reader toward conclusions about the value of the world each text presumes for itself. Readings will be drawn from more than one genre within a particular historical period.

ENGL 366	The Age of Chaucer	ENGL 373	Comic Spirit/American Film
ENGL 367	Elizabethan/ Jacobean Tragedy	ENGL 374	Literature and the Environment
ENGL 368	The Age of Milton	ENGL 375	The Civil War in Literature & Film
ENGL 369	18th Century Novel	ENGL 376	Modern American Poetry
ENGL 370	Romantic Movement	ENGL 377	The Modern Novel
ENGL 371	American Renaissance	ENGL 378	Sports Literature
ENGL 372	Writers of the Berkshires	ENGL 379	Science, Literature, Gender
		ENGL 380	Science Fiction 1950-2000

**Prerequisite:** ENGL 250 or department approval

## **ENGL 381-394 Diverse Voices in American Literature**

**3 cr**

Surveys representative literary texts from the margins and boundaries of the American experience. Concentrates on familiarizing students with issues, questions, and motifs that recur in works which diagnose ongoing conflicts in the American temper. Readings are drawn from both the margins and mainstream of American literary traditions and all eras.

ENGL 381	African American Literature	ENGL 386	Jewish American Literature
ENGL 382	Harlem Renaissance	ENGL 387	Latino/a American Literature
ENGL 383	African-American Women Writers	ENGL 388	Immigrant Literature
ENGL 384	Native American Literature	ENGL 389	Contemporary Amer. Literature, Poetry, Drama, Fiction
ENGL 385	Irish American Literature	ENGL 390	Asian-American Literature
		ENGL 391	Italian-American Literature

**Prerequisite:** ENGL 250 or department approval

## **ENGL 395 Experiential Credit Portfolio Preparation and Writing**

**3 cr**

Provides students with help in completing a portfolio for experiential credit. Includes a rigorous essay-writing component.

**Prerequisite:** Approval of the Advising Center in consultation with the appropriate department(s).

## **ENGL 396 Public Relations**

**3 cr**

Introduces students to the broad career area of public relations. Principles, cases, and problems of public relations will be studied through contact with local organizations. Topic areas include internal communications systems, applications of mass communications, researching public opinion, and social responsibilities.

**Prerequisite:** ENGL 225 or ENGL 211 or department approval

## **ENGL 397 Special Topics in Film**

**3 cr**

Studies in depth a specific issue in film and filmmaking linked by one or more common contexts, such as genre and subject matter, or historical, social, economic, philosophical, or aesthetic concerns. Students will practice using evidence from those contexts to produce close, critical readings of films that reflect both an understanding of the context and an understanding of the visual and auditory languages of film. Content identified by subtitle.

**Prerequisite:** ENGL 210 or instructor approval

## **ENGL 400 Intercultural Communication**

**3 cr**

Studies in depth the role culture plays in the communication process in various world cultures including African, Asian, Central American. Examines the cultural differences in language, thought patterns, and non-verbal communication behaviors.

**Prerequisite:** Junior/senior status

## **ENGL 412 Filmmakers and Filmmaking**

**3 cr**

Studies in depth a number of films by one or a cluster of filmmaking professionals. The professionals may include directors, screenwriters, editors, cinematographers, producers, or others. Guides students in understanding the aesthetic, technical, economic, and other concerns of various film professionals, leading students to analyze and appreciate a filmmaker's body of work.

**Prerequisite:** ENGL 210 or instructor approval

# ENGLISH/ COMMUNICATIONS

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## **ENGL 414 Film Theory and Criticism**

**3 cr**

Explores classic issues in film theory and criticism, including the relationship of film to other arts such as literature, theatre, music, and painting. Topics include how technology and organization of film production generate theories of cinema, how ideologies shape creation, development, and criticism of film, and how notions of audience psychology affect criticism. Students will undertake creative productions involving these approaches to film studies.

**Prerequisite:** ENGL 210 or instructor approval

## **ENGL 427 Senior News Practicum**

**3-12 cr**

Focuses on the daily functions of the campus newspaper, including editorial writing, news editing, page design/layout, photography, newsroom and advertising management, and budgeting. Fills editorial board and other senior staff positions on the campus newspaper for the purpose of refining writing, editing, design, and other communication skills.

**Prerequisite:** ENGL 321 and instructor approval

## **ENGL 430 Advanced Poetry Workshop**

**3 cr**

Focuses on the work of the individuals in the workshop. The work of established poets is analyzed for method and craft. Weekly writing assignments are critiqued by the class and the instructor for rewriting. There is a final portfolio of 12-15 poems.

**Prerequisite:** ENGL 301 or department approval

## **ENGL 435 Advanced Fiction Workshop**

**3 cr**

Focuses on the work of the members of the workshop, on creating finished short stories. As in ENGL 300, the major emphasis is on constructive criticism of student work by the class and instructor.

**Prerequisite:** ENGL 300 or department approval

## **ENGL 441 Special Topics in Literature**

**3 cr**

Studies in depth a specific aspect of literature. Designed to provide advanced work in literary analysis, interpretation, and research. Primarily for majors in the junior and senior year. Content identified by subtitle.

**Prerequisite:** Junior/senior status or department approval

## **ENGL 451 British Masterpieces**

**3 cr**

Explores the landmark texts in British literature. Readings may include Beowulf and works by Chaucer, Shakespeare, Milton, Johnson, Wordsworth, Austen, Dickens, Woolf, or Joyce.

**Prerequisite:** ENGL 250 or department approval

## **ENGL 461 American Masterpieces**

**3 cr**

Explores the landmark texts in the traditions of American literature. Readings may be drawn from the Puritan and Colonial periods and from such writers as Emerson, Thoreau, Poe, Melville, Dickinson, Twain, James, Pound, Hughes, Eliot, Faulkner, Porter, Ellison, and Walker.

**Prerequisite:** ENGL 250 or department approval

## **ENGL 471 World Masterpieces**

**3 cr**

Explores myths, epics, and other important texts from around the world that have served as repositories of the values of their respective cultures. Also examines more recent texts that stand as efforts to shift those cultural values. Texts studied may include such Greek, Hebrew, Western African, Japanese, Mayan, and Islamic texts such as The Odyssey, The Bible, The Epic of Son Jara, The Tale of Genji, Popul Vuh, and The Koran.

**Prerequisite:** ENGL 250 or department approval

## **ENGL 481 Special Topics in Mass Communication**

**3 cr**

Studies in depth a specific aspect of mass communications. Designed to provide advanced work in media analysis, interpretation, and research. Primarily for majors in the junior and senior year. Content identified by subtitle.

**Prerequisite:** Junior/senior status or instructor approval

## **ENGL 490 Senior Seminar**

**3 cr**

Provides a capstone course in which majors meet in their final undergraduate year to explore a significant theme or topic. Students integrate what they have learned about language, literature, and media, and together the students, pooling their special knowledge in these areas, respond to a specific theme, concept, or topic.

**Prerequisite:** Majors only or department approval

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## ENGLISH/ COMMUNICATIONS

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**ENGL 493 Teaching Assistantship in English/Communications**

**1-6 cr**

Assists the instructor with the organization, implementation, and assessment of individual English/Communications courses.

**Prerequisite:** Department approval

**ENGL 500 Directed Independent Study**

**1-3 cr**

Open to junior and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior or senior status; department approval

**ENGL 540 Internship in English/Communications**

**1-15 cr**

Provides a practical, hands-on field experience to supplement classroom courses. The student works with an on-campus faculty advisor and usually with an on-site supervisor, and the two jointly evaluate the student's work.

**Prerequisite:** Junior or senior standing; department approval



# ENVIRONMENTAL STUDIES

Contact: Dr. Harold Brotzman  
(413) 662-5347, hbrotzma@mcla.edu

## PROGRAMS AVAILABLE

### BACHELOR OF ARTS IN ENVIRONMENTAL STUDIES SCIENCE CONCENTRATION ENVIRONMENT AND SOCIETY CONCENTRATION ENVIRONMENTAL STUDIES MINOR

#### ENVIRONMENTAL STUDIES MAJOR PROGRAM

MCLA faculty from academic departments in the Sciences, Social Sciences and Humanities provide an interdisciplinary four-year program leading to a Bachelor of Arts in Environmental Studies. The program provides students with both a broad understanding of environmental issues and specific skills in particular professions. The program consists of foundation courses and many field-based research and training experiences, which help students learn teamwork, networking and shared problem solving. Students also concentrate their studies in particular academic areas to gain a deeper understanding of environmental issues. Students graduating with a degree in Environmental Studies will be able to:

- use classical skills such as critical thinking, research, speaking, and writing as they apply to contemporary environmental issues
- use particular technologies necessary for modern professionals in the sciences, social sciences, and humanities
- quickly assess environmental problems and work effectively in a team to suggest realistic solutions
- enter either the professional world or graduate school with broad understanding, specific skills and significant experience in environmental studies.

#### Foundation Courses

ENVI 101 Environmental Studies I	4 cr
ENVI 102 Environmental Studies II	4 cr
ENVI 220 Environmental Economics	3 cr
5 Green Living Seminars and Workshops (1cr each)	5 cr
ENVI 310 Politics and Environmental Policy	3 cr
ENVI 401 Senior Internship and/or Research	6-12 cr
ENVI 402 Senior Seminar	<u>3 cr</u>

\*Students are required to complete either Statistics or Modeling to meet their Core Curriculum Math Competency requirement

**TOTAL FOUNDATION COURSES 28**

#### SCIENCE CONCENTRATION Requirements

Foundation Courses	28 cr
Choose 18 credits from the following selections	<u>18 cr</u>
BIOL 235 Botany	
BIOL 315 Humankind and the Environment	
BIOL 325 Aquatic and Wetland Botany	
BIOL 345 Vertebrate Natural History	
BIOL 371 Forest Environments	
BIOL 460 Ecology	
CCST 230 Energy and the Environment	
CCST 250 New England Physical Landscape	
CHEM 300 Chemistry and the Environment	
CHEM 305 Environmental Organic Chemistry	
CHEM 320 Environmental Analytical Chemistry	
GEOG 270 Weather and Climate	
GEOG 300 Global Warming or Natural Hazards	
GEOG 360 Environmental Geology	
GEOG 370 River Systems	
GEOG 380 Aerial Photography & Remote Sensing	

**TOTAL SCIENCE CONCENTRATION REQUIREMENTS 46**

#### ENVIRONMENT AND SOCIETY CONCENTRATION

##### Requirements

Foundation Courses	28 cr
Choose 18 credits from the following selections	<u>18 cr</u>
ANTH 352 Anthropology of Environmentalism	
ART 311 Art, History and the Amer. Landscape	
CCHH 224 The Nuclear Age	
ENGL 309 Technical Writing: The Environment	
ENGL 374 Literature and the Environment	
ENVI 210 Environmental Law	
ENVI 320 Methods in Environ. Social Research	
ENVI 350-9 Environmental Travel Courses	
ENVI 330 Eco-tourism	
GEOG 135 Travel & Tourism	
HIST 315 American Environmental History	
IDST 360 The World Environment	
PHIL 250 Environmental Ethics	
PSYC 320 Ergonomics and the Environment	
PSYC 325 Environmental Psychology	
SOCI 322 Population	

**TOTAL ENVIRONMENT AND SOCIETY CONCENTRATION REQUIREMENTS 46**

Contact: Dr. Harold Brotzman  
(413) 6662-5347, hbrotzma@mcla.edu

# ENVIRONMENTAL STUDIES

## ENVIRONMENT STUDIES MINOR PROGRAM

### Requirements

ENVI 101	Environmental Studies I	4 cr
ENVI 102	Environmental Studies II	4 cr

Four Additional Courses:

Two from the Society Concentration 6 cr

Two from the Science Concentration 6 cr

**TOTAL ENVIRONMENTAL STUDIES MINOR  
PROGRAM REQUIREMENTS 20 cr**

## COURSE LISTINGS

### ENVI 101 Environmental Studies I 4 cr

Introduces contemporary problems resulting from human activity in the natural environment by emphasizing the theme of human ecology with such issues as interconnections in nature, energy, biodiversity, land use, air pollution and climate change, water supply and pollution, and solid and hazardous waste; raises questions for later course work. As a seminar, the course includes field trips, research, and reporting. Students develop broad awareness as they learn teamwork and design problem solving strategies. Required laboratory.

**Prerequisite:** None

### ENVI 102 Environmental Studies II 4 cr

Introduces contemporary problems resulting from human activity in the natural environment by emphasizing the theme of human ecology with such issues as interconnections in nature, energy, diversity, land use, air pollution and climate change, water supply and pollution, and solid and hazardous waste; raises questions for later course work. As a seminar, the course includes field trips, research and reporting. Students develop broad awareness as they learn teamwork and design problem solving strategies. Required laboratory. Continuation of Environmental Studies I.

**Prerequisite:** ENVI 101

### ENVI 210 Environmental Law 3 cr

Studies the nature and development of United States environmental law, within its historical social, industrial, and political context, through an examination of related cases, statutory, and regulatory law. International comparisons will be made with federal law, and Massachusetts law will be compared with that of other states.

**Prerequisite:** Sophomore status

### ENVI 220 Environmental Economics (Also listed as ECON 281) 3 cr

Introduces students to the economic analysis of the conflict between our lifestyle of unlimited wants and the scarce resources of our biological environment. Examines economic theory in its applications to explaining the dynamics of conflict. Exposes students to the economic approach to solving environmental problems created by energy generation, mining, maritime and logging industries, tourism, land development, industrial by-product, disposal and related issues. Encourages students to critically analyze the usefulness of this approach to solving these problems.

**Prerequisite:** ECON 141 or ENVI 101 & 102

### ENVI 250 Special Topics in Environmental Studies 3 cr

Focuses attention on a special environmental topic or issue at an introductory level of investigation.

**Prerequisite:** Sophomore status or permission of instructor

### ENVI 260-290 Green Living Seminars and Workshops 1 cr

Focuses the attention of students and environmental professionals on specific problems or issues for a concentrated period of time. These one-credit interdisciplinary experiential learning activities may involve weekend work at an organic farm, short-term placement in an environmental industry, or a retreat at a mountain lodge. Content identified by subtitle.

**Prerequisite:** None

# ENVIRONMENTAL STUDIES

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## **ENVI 310 Politics and Environmental Policy**

**3 cr**

Focuses on political science and government in national, regional, and international organizations throughout the world.

**Prerequisite:** Junior/senior status

## **ENVI 320 Methods in Environmental Social Research**

**3 cr**

Investigates the methods used by environmental researchers to formulate research problems, collect and analyze data, and present results professionally; examines sampling techniques, field procedures, and limitations of equipment and research design.

**Prerequisite:** None

## **ENVI 330 Ecotourism**

**3 cr**

Inspires students from many different disciplines to explore issues of sustainability through low-impact tourism development. Students will explore the exploding market in ecotourism based on first-hand accounts from ecotourism hotspots throughout the world. Students will learn about major issues and options facing tourism professionals, governments, and local communities.

**Prerequisite:** None

## **ENVI 350 Advanced Special Topics in Environmental Studies**

**3 cr**

Focuses attention on a special environmental topic or issue at an advanced level of study.

**Prerequisite:** Junior status or permission of instructor

## **ENVI 401 Senior Internship and/or Research Project**

**6-12 cr**

With a faculty advisor, students will arrange for an internship and/or research project that uses their training. In addition to placement responsibilities, students will research and prepare a professional report on a major environmental topic related to their internship or research. These should be of a presentable quality for publications, a conference, or campus event.

**Prerequisite:** Senior status and departmental approval

## **ENVI 402 Senior Seminar**

**3 cr**

Focuses attention on topical issues. Through readings and particularly use of their senior research and internship, students from both the Environment and Society concentration and the Environmental Science concentration work together to propose strategies for resolving major environmental problems.

**Prerequisite:** Senior environmental major

## **ENVI 500 Environmental Studies Independent Study**

**1-3 cr**

Open to junior and seniors who wish to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

## **ENVI 540 Environmental Studies Internship**

**3-15 cr**

Offers the Environmental Studies major an opportunity to practice in an appropriate professional situation. The student will work with a faculty sponsor and an off-campus supervisor in gaining experience significant to the major.

**Prerequisite:** Junior/senior status; department approval

## PROGRAMS AVAILABLE

**BACHELOR OF ARTS IN FINE AND PERFORMING ARTS  
 CONCENTRATION IN ART  
 CONCENTRATION IN ARTS MANAGEMENT  
 CONCENTRATION IN MUSIC  
 CONCENTRATION IN THEATRE  
 ART MINOR  
 ARTS MANAGEMENT MINOR  
 MUSIC MINOR  
 THEATRE MINOR  
 TEACHING LICENSURE**

### **FINE AND PERFORMING ARTS MAJOR PROGRAM**

The Department of Fine and Performing Arts offers a four-year program leading to a Bachelor of Arts in Fine and Performing Arts. The program provides students with a general introduction to the arts through a set of foundation courses. Students then concentrate in one of four areas: art, arts management, music, theatre. Students graduating with a degree in Fine and Performing Arts will be able to:

- demonstrate a broad-based understanding of the studio and historical/theoretical aspects of the Fine and Performing Arts
- demonstrate expertise in a chosen concentration of Art, Arts Management, Music, or Theatre
- demonstrate practical experience in public performance or exhibition in the arts
- demonstrate an understanding of the economic dimensions of the arts

#### **Foundation Courses\***

FPA 100	Interdisciplinary Fine Arts Seminar	3 cr
FPA 130	Introduction to Arts Management	3 cr
ART 210	Introduction to Studio Art	3 cr
ART 211	Great Monuments of Art	3 cr
MUSI 252	Piano I	3 cr
or MUSI 358	Private Lessons (3 semesters)	
MUSI 251	Introduction to Music	3 cr
or MUSI 250	Fundamentals of Music	
or MUSI 253	World Music	
THEA 238	Experiencing Performance	3 cr
or THEA 272	Exploring Production	
THEA 271	Discovering Plays	3 cr
or THEA 273	The Idea of Theatre	
FPA 501	Interdisciplinary Colloquium	<u>3 cr</u>

**TOTAL FOUNDATION COURSES 27**

\* Music and theatre concentration students shall take specific foundation courses.

### **CONCENTRATION IN ART Requirements**

FPA Foundation Courses	27 cr
ART 212 Studio Art I: (method)	3 cr
ART 311 Topics in Art	3 cr
ART 312 Advanced Studio: (theme)	3 cr
ART 321 Intermediate Seminar in Art History	3 cr
ART 413 Advanced Seminar in Art History	3 cr
ART 480 Art Practicum	3 cr
or FPA 540 Internship in Fine & Performing Arts	<u>3 cr</u>

**TOTAL ART CONCENTRATION  
 REQUIREMENTS 45**

### **CONCENTRATION IN ARTS MANAGEMENT**

<b>Requirements</b>	
FPA Foundation Courses	27 cr
FPA 235 Business Organization in Arts Mngmt	3 cr
FPA 330 Grants/Fund Raising	3 cr
FPA 335 Museum Studies	3 cr
FPA 340 Performing Arts Management	3 cr
FPA 430 Topics in Arts Management	3 cr
FPA 540 Internship in Fine & Performing Arts	<u>3 cr</u>

**TOTAL ARTS MANAGEMENT  
 CONCENTRATION REQUIREMENTS 45**

### **CONCENTRATION IN MUSIC Requirements**

FPA Foundation Courses	27 cr
MUSI 355 Music Theory I	3 cr
MUSI 358 Private Lessons (3 semesters)	3 cr
MUSI 359 Music Theory II	3 cr
MUSI 365 Music History I: Medieval to Baroque	3 cr
MUSI 367 Music History II: Classical to Modern	3 cr
MUSI 450 Topics in Music Seminar	<u>3 cr</u>

**TOTAL MUSIC CONCENTRATION  
 REQUIREMENTS 45**

# FINE & PERFORMING ARTS

Chairperson: Christine Condaris, Ph.D.  
(413) 662-5443, ccondari@mcla.edu

## CONCENTRATION IN THEATRE

### Requirements

FPA Foundation Courses	27 cr
THEA 272 Exploring Production	3 cr
THEA 372 Theatre Practicum	3 cr
THEA 374 The Art of Acting	3 cr
THEA 381 Theatre History I	3 cr
THEA 383 Theatre History II	3 cr
THEA 470 Directing	<u>3 cr</u>

### TOTAL THEATRE CONCENTRATION REQUIREMENTS

45

## ART MINOR PROGRAM

### Requirements

ART 211 Great Monuments of Art	3 cr
ART 212 Studio Art I: (method)	3 cr
ART 311 Topics in Art	3 cr
or ART 312 Advanced Studio (theme)	
ART 321 Intermediate Seminar in Art History	3 cr
ART 413 Advanced Seminar in Art History	3 cr
ART 480 Art Practicum	
or ART 540 Internship in Fine and Performing Arts	<u>3 cr</u>

### TOTAL ART MINOR REQUIREMENTS

18

## ARTS MANAGEMENT MINOR PROGRAM

### Requirements

FPA 100 Interdisciplinary Fine Arts Seminar	3 cr
FPA 130 Introduction to Arts Management	3 cr
FPA 235 Business Organization in Arts Mngmt	3 cr
FPA 330 Grants/Fund Raising	3 cr
FPA 335 Museum Studies	3 cr
FPA 340 Performing Arts Management	<u>3 cr</u>

### TOTAL ARTS MANAGEMENT MINOR REQUIREMENTS

18

## COURSE LISTINGS

### ART 210 Introduction to Studio Art

3 cr

Introduces basic vocabulary and concepts of visual art through readings, presentations, and hands-on exercises. This course emphasizes preliminary visual conceptualization from a studio art perspective including basic problem-solving in two and/or three-dimensional art.

**Prerequisite:** None

### ART 211 Great Monuments of Art

3 cr

Introduces the history of art through the study of specific masterworks which exemplify the art of a particular period. Sites such as the Vatican and artists such as Leonardo da Vinci will be examined in order to understand how art embodies and expresses civilization. Masterworks in local museums will also be included for first-hand observation.

**Prerequisite:** None

## MUSIC MINOR PROGRAM

### Requirements

MUSI 251 Introduction to Music	3 cr
MUSI 252 Piano I	3 cr
or MUSI 358 Private Lessons (3 semesters)	
MUSI 365 Music History I	3 cr
MUSI 367 Music History II	3 cr
Six credits in performance ensembles:	<u>6 cr</u>
MUSI 350 Instrumental Ensembles	
MUSI 357 Vocal Ensembles	

### TOTAL MUSIC MINOR REQUIREMENTS

18

## THEATRE MINOR PROGRAM

### Requirements

THEA 271 Discovering Plays	3 cr
THEA 272 Exploring Production	3 cr
THEA 374 The Art of Acting	3 cr
THEA 372 Theatre Practicum	3 cr
or THEA 379 Topics in Theatre Production	
or THEA 479 Topics in Theatre Performance	
THEA 381 Theatre History I	3 cr
THEA 383 Theatre History II	<u>3 cr</u>

### TOTAL THEATRE MINOR REQUIREMENTS

18

## TEACHING LICENSURE PROGRAMS

Students majoring in fine and performing arts may opt to pursue initial teacher licensure as an early childhood teacher, elementary teacher. Students seeking any of these licensures must complete a fine and performing arts major and a licensure program in education.

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## FINE & PERFORMING ARTS

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### **ART 212 Studio Art (Method)**

**3 cr**

In-depth problem-solving laboratory, intended to provide students with practical techniques and concepts in traditional visual arts. Course methods vary by semester and may include:

Design  
Painting  
Drawing  
Figure Structure

**Prerequisite:** ART 210 or taken concurrently with ART 210

### **ART 220 Art Education Materials**

**3 cr**

Focuses on ways of using the art materials available to early childhood and elementary classrooms: crayon, pastel, poster paint, watercolor, cut paper, collage, construction, papier mache, etc. Portfolio, written procedures.

**Prerequisite:** None

### **ART 311 Topics in Art**

**3 cr**

Provides advanced work in analysis, interpretation and research.

Offerings:

Design and Composition  
Art, History and the American Landscape

**Prerequisite:** ART 211, HIST105 or any general course in the humanities.

### **ART 312 Advanced Studio: (Theme)**

**3 cr**

Experimental studio art laboratory. Course work includes detailed analyses of symbolic/metaphoric systems, conceptual methods, and decision-making in aesthetics as related to student projects and class topics. Themes vary by semester and may include:

Hybrids and Mixtures  
Projects and Explorations  
Time and Motion  
Monuments and Environments  
Word and Image

**Prerequisite:** ART 212

### **ART 321 Intermediate Seminar in Art History**

**3 cr**

Covers specific areas of art history in order to supplement the more comprehensive introductory level studies of art. Students gain an in-depth experience with one medium or period.

Offerings:

Prehistoric to Early Renaissance Art	The Prendergasts and the "Eight"
History of 19th and 20th Century Art	Homer, Eakins, and Sargent
History of American Watercolor Painting	Art and the Italian Landscape
History of American Poster Graphics	

**Prerequisite:** ART 211

### **ART 412 Advanced Studio II (Theme)**

**3 cr**

Advanced, experimental studio art laboratory. Course work includes detailed analyses of symbolic/metaphoric systems, conceptual methods, and decision-making in aesthetics as related to student projects and class topics. This course differs from ART 312 in that a higher degree of expertise and craft skills is expected. Topics vary by semester and may include: Hybrids & Mixtures; Projects & Explorations; Time & Motion; Monuments & Environments; Words & Images; Landscapes.

**Prerequisite:** ART 312

### **ART 413 Advanced Seminar in Art History**

**3 cr**

Studies art history with a more specific focus on artists and periods. Social and political theory is employed in the understanding and interpretation of art.

Offerings:

Art and Society 1870-1914	Art and the Art Museum
French Impressionist Era	Art of the Italian Renaissance

**Prerequisite:** ART 211 and any 200 or 300 level general humanities course

# FINE & PERFORMING ARTS

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## **ART 480 Art Practicum**

**3 cr**

An exhibition of art created in the FPA art studios. Under the supervision of FPA faculty, students will select work from their art portfolio, organize and present a professional display.

**Prerequisite:** ART 212, ART 311, ART 312, ART 321 and/or approval of FPA faculty

## **FPA 100 Interdisciplinary Fine Arts Seminar**

**3 cr**

Introduces the discipline of music, theatre, and art through lecture, multi-media presentations and scheduled excursions. Specific artistic examples are taken from these art forms and discussed in terms of content and relationship to their socio-historical context.

**Prerequisite:** Department approval

## **FPA 130 Introduction to Arts Management**

**3 cr**

Introduces the historical development of arts management through a survey of patronage, artist/manager, nonprofit, and commercial management systems. Lectures and readings will concentrate on the major areas of interest for marketing and fiscal management of individual and collective artists.

**Prerequisite:** None

## **FPA 200 Dance I**

**3 cr**

Introduces dance ranging from traditional ballet to contemporary modern forms. A study of the historical progression and interaction of dance movement will accompany the physical training.

**Prerequisite:** None

## **FPA 201 Dance II**

**3 cr**

Uses basic skills from Dance I to bring dance technique to a higher level of sophistication. Phrasing will be longer and contain more complex energy and level changes. Students will explore the use of mixed meter as musical accompaniment. Continues to use improvisation and choreography as a vehicle to develop movement inclinations and as a way of sharing movement experiences with each other.

**Prerequisite:** FPA 200 or instructor approval

## **FPA 235 Business Organization in Arts Management**

**3 cr**

Examines organizational development of arts agencies with emphasis on the impact of individuals upon others within the organization, individual perceptions, recognition of human responses, and the development of group dynamics and processes.

**Prerequisite:** FPA 130

## **FPA 300 Multimedia and the Fine Arts**

**3 cr**

A practical experience and critical immersion in the conception and production of computer graphics -- seen from both the artistic perspective (reaching for a definition of a new art form) and technical perspective (mastering the currently available tools). This topics course will be a vehicle for other fine arts courses emphasizing multimedia (e.g., computer, internet, distance-learning TV).

**Prerequisite:** Department approval

## **FPA 330 Grants/Fund Raising**

**3 cr**

Introduces the techniques in grant research and technical and contextual writing skills for grants for the arts. Examines government and private sources of art funding and fund raising techniques for arts organizations.

**Prerequisite:** FPA 130

## **FPA 335 Museum Studies**

**3 cr**

Explores the operation of the art museum as a means to introduce the student to various aspects of the museum profession. Field trips to area museums and experience with the research and mounting of a didactic display highlight the study.

**Prerequisite:** FPA 130, ART 211 or an appropriate 100 or 200 level course in history, business administration or the general humanities.

## **FPA 340 Performing Arts Management**

**3 cr**

Examines issues particular to the management of performance artists. Focuses on contracts, legal issues, union representation, artistic freedom, promotion, and marketing. Emphasis will be placed on problem-solving and negotiation with the individual artist.

**Prerequisite:** FPA 130

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## FINE & PERFORMING ARTS

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### **FPA 430 Topics in Arts Management**

**3 cr**

Studies in depth a specific aspect of arts management designed to provide advanced work in arts management analysis, communication, legal issues, and marketing. Primarily for Arts Management students in the junior and senior year. Content identified by subtitle.

**Prerequisite:** FPA 130

### **FPA 435 Advanced Museum Studies**

**3 cr**

An advanced level of museum study which includes management and exhibition.

**Prerequisite:** FPA 335

### **FPA 500 Supervised Independent Study**

**3 cr**

Open to juniors and seniors who wish to read in a specific area or pursue a project or topic in depth under the direction of a faculty member. Frequent conferences with the advisor are required.

**Prerequisite:** Department approval

### **FPA 501 Interdisciplinary Colloquium**

**3 cr**

Explores historical and personal artistic styles and arts management issues as fundamental examples of student projects. Several interdisciplinary projects, individual and in groups, are assigned to demonstrate understanding of various creative means to achieve an artistic goal. Issues in arts management are pursued through research and presentation.

**Prerequisite:** Department approval; FPA Major

### **FPA 540 Internship in Fine and Performing Arts**

**3-15 cr**

An opportunity to work in an arts-related job. Work situations might include: a position in a theatre company; collections management or educational outreach employment in a museum; assisting in the management of a community music ensemble or a school music program; work with development, publicity, programming, and publication for an arts council, gallery, or other arts business. Only 3 credits can be applied to FPA major requirements.

**Prerequisite:** Department approval, junior/senior status

### **MUSI 250 Fundamentals of Music**

**3 cr**

Develops various ear training skills, including: sight singing, melodic and rhythmic dictation, and an introduction to harmonic dictation. These skills will be developed in conjunction with an introduction to music theory: simple and compound meter, scales, intervals, and chords.

**Prerequisite:** FPA major or department approval

### **MUSI 251 Introduction to Music**

**3 cr**

Provides a general historical survey of music and introduces basic music theory. The objective of the course is to help students become conversant in the styles and genres of art music in the history of western civilization. Popular music styles are discussed in their historical context as well as for their influences on contemporary culture.

**Prerequisite:** None

### **MUSI 252 Piano I**

**3 cr**

Classroom piano instruction for students with little or no musical background or experience. Emphasis on basic piano technique and elementary music theory.

**Prerequisite:** Department approval

### **MUSI 253 World Music**

**3 cr**

Compares world musics and the study of music in the context of culture. Introduces students to the field of ethnomusicology and explores the folk and classical music of Asia, the Balkans, the Americas, and the wealth of ethnic culture in the North Adams area.

**Prerequisite:** None

### **MUSI 254 Vocal I**

**3 cr**

Develops performance skills. Emphasis on breathing and tone production.

**Prerequisite:** None

### **MUSI 256 Guitar I**

**3 cr**

Provides students with a proficiency of basic guitar techniques through study and performance of appropriate repertoire. Assumes no musical background or experience. Guitars provided on loan.

**Prerequisite:** None



# FINE & PERFORMING ARTS

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- MUSI 258 Chamber Music** **3 cr**  
Provides the opportunity to gain practice in performance and interpretation, musicianship skills, and technical skills particular to the chamber music literature of the 17<sup>th</sup> and 18<sup>th</sup> centuries. Includes lecture and demonstration in a studio setting.  
**Prerequisite:** None
- MUSI 350 Instrumental Ensembles** **1-3 cr**  
The Massachusetts College Community Band  
The Massachusetts College Jazz Band  
chamber ensembles  
These groups perform music from standard and contemporary literature.  
**Prerequisite:** By audition
- MUSI 352 Piano II** **3 cr**  
Develops keyboard skills. Attention given to chording, sight reading, accompanying, improvising, performance practice and the development of a repertoire.  
**Prerequisite:** MUSI 252 or equivalent
- MUSI 354 Vocal II** **3 cr**  
Studies intermediate level vocal technique and repertoire.  
**Prerequisite:** MUSI 254 or equivalent
- MUSI 355 Music Theory I** **3 cr**  
Introduces musical notation and modes of analysis in a sequential format beginning with basic staff and note symbols, scale and chord structure, major and minor tonality, etc., and continuing through key signatures, chord function, seventh chords, inversions, and harmonic analysis. Mastery of skills is required before admission to next level (B or better).  
**Prerequisite:** Department approval
- MUSI 356 Guitar II** **3 cr**  
Develops intermediate-level performance skills.  
**Prerequisite:** MUSI 256 or equivalent
- MUSI 357 Vocal Ensembles** **1-3 cr**  
The Massachusetts College Concert Choir  
The Massachusetts College Chamber Choir  
Repertoire includes standard choral arrangements of period selections.  
**Prerequisite:** By audition
- MUSI 358 Private Lessons** **1 cr**  
Arranged private lessons with recognized area performance artists. Student will be evaluated by end-of-semester jury performance. Students must pay their own lesson fees in addition to course tuition.
- MUSI 359 Music Theory II** **3 cr**  
Continues materials presented in MUSI 355. Advanced work in harmonic analysis, secondary dominants, higher tertian chords, dictation and solfeg. Opportunities to improve conducting, performance, and composition skills. Further analysis of form, orchestration, and arranging.  
**Prerequisite:** MUSI 355 or department approval
- MUSI 360 Composing with Software** **3 cr**  
Introduces students to compositional techniques and formal components of music composition using music composition software. Students will write several pieces of music and practice exercises to demonstrate the compositional principles under study. Includes lecture and studio settings.  
**Prerequisite:** MUSI 359 or department approval
- MUSI 361 Theatre Orchestra** **3 cr**  
Theatre Orchestra will rehearse and perform in FPA theatrical productions that require live instrumental music. Enrollment is by permission from instructor, and rehearsal schedule will be entirely arranged according to the schedule of the production.  
**Prerequisite:** By audition



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## **THEA 273 The Idea of Theatre**

**3 cr**

Examines the aesthetics of theatre with the goal of understanding all major aspects of the art. Lecture and readings cover the elements of dramatic analysis and its evolution from Aristotle. The course offers study units of acting and directing, musical theatre, technical work with opportunities for hands-on experience, arts management, the reading of contemporary drama, the attendance at and opportunity to critique live theatre.

**Prerequisite:** None

## **THEA 372 Theatre Practicum**

**1-3 cr**

Provides a setting to apply dramatic theory to practical application in the fall or spring theatre productions. Also develops various theatre skills through faculty and staff supervision of specific production projects.

**Prerequisite:** By audition

## **THEA 374 The Art of Acting**

**3 cr**

Pursues control of advanced performance skills: developing mastery of movement, vocal, and imaginative skills; understanding character motivation and actions through intensive script analysis and scene study, alone and with a partner. Assignments will include performance of memorized scenes and writing papers on acting theory and performance criticism.

**Prerequisite:** THEA 238 and department approval

## **THEA 379 Topics in Theatre Production**

**3 cr**

Studies in depth a specific aspect of theatre production. Designed to provide advanced work in analysis, interpretation and research. Primarily for majors in the junior or senior year.

Offerings:

Diversity in Theatre

Computer Applications in Design

Playwriting

Designing for Theatre.

Story Theatre

**Prerequisite:** Department approval

## **THEA 381 Theatre History I: Beginnings to 17th Century**

**3 cr**

Traces the evolution of Western theatre in its social/political context from ancient Greece through the Renaissance. Theatre architecture, styles of staging, and works of dramatic literature are studied in relation to the social and intellectual history of each major era.

**Prerequisite:** THEA 271

## **THEA 383 Theatre History II: 18th Century to Present**

**3 cr**

Traces the evolution of Western theatre in its social/political context from the 18th Century to the Post-Modern Period. Theatre architecture, styles of staging, and works of dramatic literature will be studied in relation to the social and intellectual history of each major era or artist style.

**Prerequisite:** THEA 271

## **THEA 470 Directing**

**3 cr**

Studies the theory and practice of the art of directing a play. Class format includes lecture/discussion and workshops, with the opportunity to direct scenes for class as well as a one-act play for a public audience.

**Prerequisite:** THEA 272 , THEA 374

## **THEA 479 Topics in Theatre Performance**

**3 cr**

Studies in depth a specific aspect of theatre performance. Provides advanced work in analysis, interpretation, and research. Primarily for majors in the junior or senior year.

Offerings:

Advanced Acting

Directing in Classical Styles

Stage Movement and Stage Combat

Creative Dramatics

Acting in Classical Styles

**Prerequisite:** Department approval

Chairperson: Frances Jones-Sneed, Ph.D.  
 (413) 662-5541, fjonessn@mcla.edu

# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

## PROGRAMS AVAILABLE

**BACHELOR OF ARTS IN HISTORY  
 CANADIAN STUDIES MINOR  
 GEOGRAPHY MINOR  
 HISTORY MINOR  
 POLITICAL SCIENCE MINOR  
 TEACHING LICENSURE**

### **HISTORY MAJOR PROGRAM**

The Department of History, Political Science and Geography offers a four-year program leading to a Bachelor of Arts in History. Following completion of foundation courses, students pursue different fields of history depending upon their intellectual and career interests. As appropriate, political science and liberal arts courses (up to 15 hours) can be used to fulfill some requirements of the history major. This flexible program furnishes a useful background for careers in public service, education, environmental studies, government, law, journalism, public communication, and business. Students graduating with a degree in History will be able to:

- understand concepts regarding development of world civilization;
- understand major themes in U.S. history;
- understand how history serves as a link to integrate other disciplines;
- understand connectedness of past to present in various world cultures;
- understand the impact of various world cultures on each other;
- evaluate historical evidence for reliability;
- locate reference materials;
- conduct computer research;
- research and organize facts and concepts to produce reliable portrait of the past;
- communicate effectively;
- effectively apply research skills;
- demonstrate analytical abilities;
- pursue careers or to enter graduate schools;
- appreciate cultural diversity in the U.S. and the world.

### **History Major Requirements**

#### 1<sup>st</sup> Year Courses

HIST	103	Pre-Modern World Civilization	3 cr
HIST	104	Modern World Civilization	3 cr

#### 2<sup>nd</sup> Year Courses

HIST	200	Research and Bibliography	3 cr
HIST	203	American History I	3 cr
HIST	204	American History II	3 cr
POSC	201	Intro to Political Science: Amer. Gov't	3 cr
	or POSC 202	Intro to Political Science: Comp. Gov't	

#### 3<sup>rd</sup> Year Courses

Six upper-level elective courses, 18 cr  
 with at least one from each of the areas of Europe, Latin America, Africa, and Asia

#### 4<sup>th</sup> Year Courses

Two 400-level Senior Seminars: 6 cr  
 (A Senior Thesis Course may be substituted for one of the Senior Seminars courses in history or political science.)

One Teaching Assistantship, 3 cr  
 internship or 400-level course

**TOTAL HISTORY MAJOR REQUIREMENTS 45**

# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

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(413) 662-5541, fjonessn@mcla.edu

## CANADIAN STUDIES MINOR PROGRAM

The Canadian Studies minor offers students of any major the opportunity to study our nation's strongest ally and largest trading partner. The minor will enhance the background of any student interested in international relations, comparative government, business, education, communications, and foreign language.

### Canadian Studies Minor Requirements

POSC 202	Introduction to Political Science	3 cr
GEOG 325	Canada: The Land and The People	3 cr
HIST 331	History of Canada	3 cr
POSC 325	Canadian Politics	3 cr
	One integrative junior/senior seminar	3 cr
	One upper level POSC/HIST course	<u>3 cr</u>

Independent Study and/or appropriate travel courses in various disciplines

If a student participates in an exchange program at a Canadian university, foundation and elective requirements may be substituted with the approval of the Canadian Studies coordinator.

**TOTAL CANADIAN STUDIES MINOR REQUIREMENTS 18**

## GEOGRAPHY MINOR PROGRAM

The geography minor complements any major and develops skills useful for careers in business, communication, education, law, tourism, public administration, and environmental science. Beyond the two required courses, students should consult with a geography faculty member for the recommended elective requirements. Students, with advice of geography faculty, may fulfill some minor requirements with independent studies, internships, or geographic studies taken at other colleges or universities.

### Geography Minor Requirements

GEOG 120	World Regional Geography	3 cr
GEOG 151	Introduction to Physical Geography	4 cr
	Four additional Geography courses approved by the Department	<u>12 cr</u>

**TOTAL GEOGRAPHY MINOR REQUIREMENTS 19**

## HISTORY MINOR PROGRAM

The history minor offers students the opportunity to study in moderate depth and breadth history as it reflects the development of political, economic, cultural, and social institutions. There are two tracks within the minor, an American Studies track and a World History track.

### American Studies Track

HIST 203	American History I	3 cr
HIST 204	American History II	3 cr
	Four electives approved by the Department	<u>12 cr</u>

**TOTAL AMERICAN STUDIES MINOR REQUIREMENTS 18**

### World History Track

HIST 103	Pre-Modern World Civilization	3 cr
HIST 104	Modern World Civilization	3 cr
	Four electives approved by the Department	<u>12 cr</u>

**TOTAL WORLD HISTORY MINOR REQUIREMENTS 18**

## POLITICAL SCIENCE MINOR PROGRAM

The political science minor offers students the opportunity to study a variety of political institutions and processes. The minor enhances the chosen major for those interested in careers in law, government, public service, journalism, and business. A history major minoring in political science may not count the courses selected for the minor to also fulfill the requirements of the history major.

### Political Science Minor Requirements

POSC 201	Intro to Political Science: Amer Gov't	3 cr
POSC 202	Intro to Poli Sci: Comparative Gov't	3 cr
	Four electives approved by the Department	<u>12 cr</u>

**TOTAL POLITICAL SCIENCE MINOR REQUIREMENTS 18**

Students may choose to shape their minor so as to focus on either a general course of study in political science or a specific area such as Public Administration, Urban Government, or International Affairs. With the consultation and approval of the department chairman, students may substitute up to six credits of course work from other departments to fulfill the requirements of the political science minor.

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# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

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## TEACHING LICENSURE

Students majoring in history may opt to pursue initial licensure as an early childhood, elementary, middle school, or high school teacher. Also, history majors may pursue provisional licensure as a teacher of history or as a teacher of political science/political philosophy for the middle school and secondary levels. Students seeking initial licensure must complete the history major and a licensure program in education in one of the three aforementioned areas of teacher licensure.

## COURSE LISTINGS

### **HIST 103 Premodern World Civilization**

**3 cr**

Studies the cultural and historical traditions of the major geographical regions of the pre-modern world up to 1492: Greece and Rome, South and Southeast Asia, East Asia, the Middle East, Africa, Europe, and the Americas. Emphasis will be placed on such factors as international trade routes, the spread of ideas and religions, and the formation of state-systems that became the basis of the post-1492 world.

**Prerequisite:** None

### **HIST 104 Modern World Civilization**

**3 cr**

Provides an introductory historical survey of the major events, ideas, and people which have shaped world civilizations since 1500, the beginning of the modern era of history. Takes a comparative, interdisciplinary, and non-Eurocentric approach to historical analysis, emphasizing diversity and global awareness.

**Prerequisite:** None

### **HIST 105 American Civilization**

**3 cr**

Provides a broad overview of the development of American political, economic, social, philosophical and cultural values and institutions from our colonial beginnings to the present. Particular focus, as well as the materials, pedagogy, and use of technology may vary depending on the instructor. Sufficient emphasis will be placed on the Massachusetts and Federal Constitutions to meet the state requirement.

**Prerequisite:** None

### **HIST 106 Latin American Civilization**

**3 cr**

Provides an explanation of the societies that emerged from the blendings of Native, European, African, and Asian peoples in the region now known as Latin America. Rather than on historical chronology, emphasis is on themes such as ethnicity, family, religion, politics, arts, and economics.

**Prerequisite:** None

### **HIST 200 Research and Bibliography**

**3 cr**

Acquaints students with the methods and materials of basic bibliography and research. Introduces a variety of reference sources such as bibliographies, periodical indexes, government publications, handbooks, computer databases and CD-ROMs.

**Prerequisite:** HIST 103, HIST 104 or department approval

### **HIST 201 Sophomore Seminar: American History and Political Theory**

**3 cr**

Provides students, in seminar style, with an introduction to the classic issues and interpretations in the study of American history and political theory. Through readings, research, and discussion, students will become familiar with important primary sources and major contributions of American scholars.

**Prerequisite:** HIST 105

### **HIST 202 Sophomore Seminar: European History and Political Theory**

**3 cr**

Provides students with an introduction to the classic issues and interpretations in the study of European history and political theory. Through readings, research, and discussion, students will become familiar with both important primary sources and major contributions of European scholars.

**Prerequisite:** HIST 104

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## **HIST 203 American History I**

**3 cr**

Focuses on the development of American political, economic, social, philosophical, and cultural values and institutions from Colonial beginnings up to 1877. Sufficient emphasis will be placed on the Massachusetts and Federal Constitutions to meet the state requirement.

**Prerequisite:** None

## **HIST 204 American History II**

**3 cr**

Focuses on the development of American political, economic, social, philosophical, and cultural values and institutions from 1877 to the present. Sufficient emphasis will be placed on the Massachusetts and Federal constitutions to meet the state requirement.

**Prerequisite:** None

## **HIST 303 African American History 1607-Present**

**3 cr**

Focuses on the historical importance of the history of Africans in American society from 1607 until the present, with emphasis on gender and class.

**Prerequisite:** Junior/senior status

## **HIST 304 Social History of North Adams**

**3 cr**

Examines the ethnic and class history of North Adams, and Northern Berkshire, starting with the second half of the 19<sup>th</sup> century. Investigates the industrial development of the community, the experience of the Depression, and the growth of Sprague Electric company as the dominant employer. Concludes by reviewing the post-industrial changes in the area, the establishment of MASS MoCA and prospects for the future.

**Prerequisite:** History 203 or 204 or SOCI 100

## **HIST 305 Topics In European History**

**3 cr**

Focuses on either the histories of particular European nations or broad issues in European history. Students will have the opportunity to research, analyze, and synthesize information in the humanities and social sciences to understand the development of the history and culture of Europe. Topics include:

Ancient Greece and Rome

History of France

History of Germany

History of Ireland

History of the United Kingdom, Great Britain and Ireland

History of the USSR

History of Scandinavia

Women in European History

**Prerequisite:** Junior/senior status

## **HIST 310 Topics in Nonwestern Nations**

**3 cr**

Studies current issues in the developing areas of Asia, Africa, Latin America, and the Middle East. Examines developments during the precolonial, colonial and post-independence stages, providing students with an understanding of the social, economic, and political challenges facing the developing nations. Topics include:

The Pacific Rim

The United States and China

Modern East Asia

History of Africa

History of Central America

History of China

History of India

History of Japan

History of South America

The Middle East in the Modern World

**Prerequisite:** Junior/senior status

Chairperson: Frances Jones-Sneed, Ph.D.

(413) 662-5541, fjonessn@mcla.edu

# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

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## **HIST 315 Topics in American Studies**

**3 cr**

Studies areas and concepts in United States history and politics. Students will gain a more advanced, interdisciplinary, in-depth understanding of United States history, politics, values, and economics. Topics include:

The City in American Life

A History of New England

United States Diplomatic History

American Values

Women in American History

America and the Sea

Politics of Prejudice

The Cold War

Environmental History

**Prerequisite:** Junior/senior status

## **HIST 320 Topics in American History**

**3 cr**

Focuses on a chronological period, historic era, issue, or theme. Develops greater knowledge of American history and the methods of history. Topics include:

Colonial America

The Industrial Age

African-American History

America as a World Power

The Civil Rights Movement

Roaring Twenties

1960's

**Prerequisite:** Junior/senior status

## **HIST 331 History of Canada**

**3 cr**

Considers, through a survey of Canada, the geographic and social realities of size and diversity in the history of our most important neighbor. Emphasis will be placed on understanding Canada's economic, social, and political evolution.

**Prerequisite:** Junior/senior status

## **HIST 332 History of Mexico**

**3 cr**

Studies the complex historical forces that have shaped this unique nation. Includes an examination of ancient Indian societies and of Mexican literature, music, and art.

**Prerequisite:** HIST 103, 104, 106 or POSC 202

## **HIST 401-402 Seminar in Historical Periods**

**3 cr**

Explores a particular historical era in depth.

Offerings:

Renaissance and Reformation in Europe

Nineteenth Century Europe

Twentieth Century Europe

Modern America

Cold War

The European Union

Portraits in Asian History

Asia and the West

**Prerequisite:** Junior/senior status



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## **HIST 403-404 Seminar in Problems in History**

**3 cr**

Explores in depth a particular problem, concept, topic, or theme in history.

Offerings:

The American Political Tradition

History, Historians, and Historiography

Literature and History

Christianity and Europe

The American Presidency\*

City Bosses

History of the Americans

Profiles in Courage

\*Although this is formally listed as a political science seminar, history majors may use this seminar for history credit.

**Prerequisite:** Junior/senior status

## **HIST 405 Senior Thesis**

**3 cr**

The Senior Thesis is to be taken under the direction of a professor in the department who will work with senior history majors writing a bachelor's thesis on a selected topic in history. Students will choose a topic and present an outline and proposal to any department faculty member or to the entire department sitting as a thesis committee. The purpose of the Senior Thesis is to give students the opportunity to do individualized, advanced research in an aspect of history in which they have particular interest and capability.

**Prerequisite:** Senior status or department approval

## **HIST 500 Directed Independent Study**

**1-3 cr**

Open to juniors and seniors who desire to read widely in a given area or to study a specific topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Department approval

## **HIST 510 Teaching Assistantship in History**

**3 cr**

Offers highly qualified junior/senior majors an opportunity to assist an instructor in the teaching of an introductory course. The student may be held responsible for grading papers, conducting classes and review sessions, etc.

**Prerequisite:** Department approval

## **HIST 540 Internship in History**

**3-15 cr**

Qualified students may be placed as interns in governmental and social service agencies, museums, etc.

**Prerequisite:** Junior or senior status and department approval

## **POSC 201 Introduction to Political Science: American Government**

**3 cr**

Introduces the major institutions of national and state government and the discipline of political science. Through observation and participation, students will develop an understanding of political behavior and the political processes in the United States.

**Prerequisite:** None

## **POSC 202 Introduction to Political Science: Comparative Government**

**3 cr**

Provides a comparative introduction to world political cultures and the discipline of political science. Through an interdisciplinary study of various nation-states, students will develop an understanding of political behavior and the operation of government institutions.

**Prerequisite:** None

## **POSC 300 Politics and the News Media in America**

**3 cr**

Examines politics in 20th Century America with an eye to the role and responsibility of the news media in, and the relationship of the press to, politics. Analyzes the print and electronic media and current political campaigns, as well as how politics and the news media have been portrayed in film.

**Prerequisite:** Junior/senior status

## **POSC 304 Constitutional Law**

**3 cr**

Analyzes constitutional law with special emphasis on civil liberties and civil rights. Legal issues will be examined in the light of relevant social and political conditions.

**Prerequisite:** HIST 105 or POSC 201

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# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

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## **POSC 315 Topics in Political Science**

**3 cr**

Focuses on political science and government in national, regional, and international organizations throughout the world. Topics include:

The United Nations

State and Local Government

Politics and Economics of the Pacific Rim

Vietnam

**Prerequisite:** Junior/senior status

## **POSC 320 International Relations**

**3 cr**

Studies relations among nation-states. Analyzes the nature of world political systems by examining the concepts of power, political economy, decision-making, nongovernmental actors, international organizations, and political ideology.

**Prerequisite:** Junior/senior status

## **POSC 325 Canadian Politics: A Comparative Perspective**

**3 cr**

Introduces Canadian politics and culture. Aids in the understanding of the development of Western democracy. Students will gain an understanding of Canadian political culture and history, parliamentary democracy, contemporary political developments in Canada, and U.S. - Canadian relations.

**Prerequisite:** Junior/senior status

## **POSC 331 Africa**

**3 cr**

Examines the nation-building issues facing the countries of Africa. Students will study the African triple heritage (indigenous culture, Islam, and Western colonialism) to gain insights into contemporary political and economic issues.

**Prerequisite:** Junior/senior status

## **POSC 368 Introduction to Public Administration**

**3 cr**

Offers an introduction to the study of local, state and federal administration policies, processes, and responsibilities within the respective bureaucracies. Approached from a behavioral science frame of reference, the course relates the influences of the individual and the organization to the implementation of policies.

**Prerequisite:** Junior/senior status

## **POSC 401-402 Seminar in Problems in Political Science**

**3 cr**

Explores in depth a particular problem, concept, issue, topic, or theme in political science.

Topics Include:

The American Presidency

The Public Policy Process

The American Political Tradition

**Prerequisite:** Junior or senior status and courses in political science or a related discipline at the 300 level

## **POSC 403-404 Seminar in Public Policy**

**3 cr**

Explores the public policy process in the United States and/or those of political systems in other nations.

Topics Include:

U.S. Public Policy

Comparative Public Policy

State and Local Government Public Policy

**Prerequisite:** Junior or senior status and courses in political science or related discipline at the 300 level

## **POSC 500 Directed Independent Study**

**3 cr**

Open to juniors and seniors who desire to read widely in a given area or to study a specific topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Department approval

## **POSC 510 Teaching Assistantship in Political Science**

**3 cr**

Offers highly qualified majors in history or minors in political science an opportunity to assist an instructor in the conduct of an introductory course. The student may be held responsible for grading papers, conducting classes and review sessions, etc.

**Prerequisite:** Department approval

# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

Chairperson: Frances Jones-Sneed, Ph.D.  
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## **POSC 540 Internships in Political Science**

**3-15 cr**

Qualified students may be placed as interns in state, local and national government agencies, law offices, museums, schools or businesses.

**Prerequisite:** Junior or senior status and department approval

## **GEOG 120 World Regional Geography**

**3 cr**

Focuses on the geographic nature of the forces changing the world including political, demographic, economic, cultural, and environmental processes and the interlinked dependencies between unique parts of the world.

**Prerequisite:** None

## **GEOG 130 Human Geography**

**3 cr**

Takes a spatial systematic approach to such elements as cultural diffusion; migration flows; acculturation, population and resource distribution; agricultural and industrial production; core and peripheral societies; race, class, and gender issues; folk and popular culture; world religions, spatial interaction, communication, transportation, and environmental degradation.

**Prerequisite:** None

## **GEOG 135 Travel & Tourism**

**3 cr**

Provides a basic introduction to various aspects of the travel and tourism industry including domestic and international air travel, hotels, cruise ships, tours, and destinations. Activities include programmed learning exercises and individual and group projects.

**Prerequisite:** None

## **GEOG 151 Introduction to Physical Geography**

**4 cr**

Studies the natural environment from a geographical perspective; analyzes the distribution and character of environmental elements, including weather, climate, landforms, soils, and vegetation; examines consequences of human intervention in natural systems. Required laboratory.

**Prerequisite:** None

## **GEOG 152 Introduction to Physical Geology**

**4 cr**

Studies the earth, including the origin and types of earth materials, vulcanism and crustal deformation, external earth processes and development of landscapes, geological resources, and geological processes as natural hazards. Required laboratory.

**Prerequisite:** None

## **GEOG 270 Weather and Climate**

**3 cr**

Examines general meteorologic and climatic characteristics through space and time, especially as influenced by temperature, wind, and moisture. Explains atmospheric disturbances at planetary, regional, and local scales.

**Prerequisite:** None

## **GEOG 271 Landforms**

**3 cr**

Examines the description, origin, classification, and interpretation of landforms. Analyzes geologic, climatic, and biologic factors as landform controls and shows that certain geomorphic processes are natural hazards.

**Prerequisite:** GEOG 151 or GEOG 152

## **GEOG 280 Maps and Map Making**

**3 cr**

Examines the principles of map construction; techniques of interpretation; map projections; and the history of mapping.

**Prerequisite:** None

## **GEOG 300 Topics in Physical Geography**

**3 cr**

Analyzes and evaluates selected contemporary problems in physical geography with an emphasis on environmental issues. Concentrates on feedback between the physical environment and human activity. Topics include: environmental geology, geography and the environment.

**Prerequisite:** One of the following: GEOG 151, GEOG 152, GEOG 120, GEOG 130

## **GEOG 320 Tourism Planning and Development**

**3 cr**

Examines the elements, agents, context, and processes of tourist development; evaluates tourist resources and analyzes the impact of tourist development. Students will have the opportunity to meet with local leaders and practitioners in the field of tourism and will get a broad overview of the problems and prospects of tourism in the Berkshires.

**Prerequisite:** None

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# HISTORY, POLITICAL SCIENCE, AND GEOGRAPHY

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**GEOG 325 Canada: The Land and The People**

**3 cr**

Provides an in-depth examination, region by region, of how Canadians have adapted to varying physical, social, economic, political, and resource conditions and how these factors have determined various lifestyles and landscapes in Canada.

**Prerequisite:** None

**GEOG 330 National Parks and Monuments**

**3 cr**

Studies the topography, geology, climate, flora, fauna, and scenic qualities of national parks and monuments by describing the history of the national park system and factors threatening its existence.

**Prerequisite:** None

**GEOG 350 Cartography**

**3 cr**

Studies map drafting and design; use of cartographic instruments; emphasis on organization and portrayal of data.

**Prerequisite:** GEOG 280

**GEOG 360 Environmental Geology**

**3 cr**

Studies geological processes as natural hazards and analyzes geological responses to human use of the land. Evaluates geological resources and the legal and geological limitations of resource utilization.

**Prerequisite:** GEOG 151 or GEOG 152 and junior/senior status

**GEOG 370 River Systems**

**3 cr**

Studies streams as environmentally significant landscape features in the context of human activity; examines hydrology and flooding, channelization, flood plains and their land use patterns, water contamination, and related ecology.

**Prerequisite:** None

**GEOG 380 Aerial Photography and Remote Sensing**

**4 cr**

Develops skill in interpretive use of vertical aerial photography and other forms of remote sensing to analyze topography, geology, vegetation, soils, and cultural features. Required laboratory.

**Prerequisite:** Junior/senior status and either (a) GEOG 151 or GEOG 152, (b) GEOG 271 or (c) ENVI 101 and ENVI 102

**GEOG 500 Independent Study**

**1-3 cr**

Independent effort directed to the in-depth study of some aspect of regional or systematic geography.

**Prerequisite:** Department approval

# INTERDISCIPLINARY STUDIES

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

## PROGRAMS AVAILABLE

### BACHELOR OF ARTS IN INTERDISCIPLINARY STUDIES TEACHING LICENSURE

#### INTERDISCIPLINARY STUDIES MAJOR PROGRAM

The Department of Philosophy/Modern Language/Interdisciplinary Studies offers a four-year program leading to a Bachelor of Arts in Interdisciplinary Studies. Building upon a common foundation of four interdisciplinary courses, each student designs the remainder of his/her major program by selecting offerings from at least two other departments, offerings which accord with chosen career objectives. Students graduating with a degree in interdisciplinary studies will be able to:

- express themselves effectively orally and in writing.
- apply course materials to improve rational thinking, problem-solving, and decision-making.
- explain how professionals in their chosen fields of study go about the process of gaining new knowledge.
- analyze readings to determine major points and supporting arguments.
- interpret an author's procedures and ideological assumptions and recognize the implications of his/her argument.
- use principal reference works and library aids to locate information in the chosen area of study.
- articulate ethical/value issues within his/her chosen field of study and set forth his/her carefully considered position on some of these issues.
- cite sources accurately and appropriately.
- organize and relate information and ideas from multiple sources dealing with a specific issue in the chosen area of study.
- examine issues from different perspectives, particularly the methodological perspectives of different disciplines within the chosen area of study.

#### Interdisciplinary Studies Major Requirements

All junior and senior students majoring in Interdisciplinary Studies must maintain a GPA of no lower than 2.5. Of the 42 credits required in the major, 12 are required interdisciplinary studies courses; the remaining 30 credits consist of courses from at least two other departments, which then constitute the student's chosen area of study. (See "Areas of Study")

IDST 320	Interpretation	3 cr
IDST 401	Senior Seminar	3 cr
Two other Interdisciplinary Studies courses		6 cr
Courses from at least two other departments		<u>30 cr</u>

**TOTAL INTERDISCIPLINARY STUDIES  
MAJOR REQUIREMENTS 42**

#### AREAS OF STUDY

The interdisciplinary studies major is unique in that it allows students the opportunity to design an area of study in a conceptually related area of human knowledge that spans two or more of the College's academic disciplines. During their sophomore year, majors explore their options for further interdisciplinary work and identify the area of study they wish to pursue. Possibilities include, but are not limited to, the following:

American Studies*	International Studies*
Community Development	Language Studies*
Criminal Justice	Natural Sciences*
Cultural Studies*	Public Administration
General Science*	Social Sciences*
Health Service Management	Travel and Tourism
Humanities*	
Human Development	

\* Liberal Arts Area of Study

It is important to stress that an area of study is a group of conceptually related courses within the interdisciplinary studies major; it does not, itself, constitute a major. When combined with the 12-credit foundation of the major, the area of study is an excellent foundation for more advanced work in a chosen field.

#### TEACHING LICENSURE

Students majoring in interdisciplinary studies (with a liberal arts area of study) may opt to pursue initial teacher licensure as an early childhood teacher, elementary teacher, or a middle school teacher. Also, depending on the course work completed for the major, students may be eligible for licensure in a particular subject area for the middle school level, such as general science, humanities and math/science. These students will complete an interdisciplinary studies major and a licensure program in education.

## COURSE LISTINGS

### **IDST 110 Great Ideas in Science**

**3 cr**

Examines fundamental concepts and methods in physics, chemistry, biology, astronomy, and earth science. Demonstrates how understanding these concepts is a prerequisite to comprehending many science-related issues facing society today. Topics include genetic engineering, nuclear energy, greenhouse effect, plate tectonics, super-conductivity, evolution, and Big Bang Theory.

**Prerequisite:** None

### **IDST 122 Ways of Knowing**

**3 cr**

Challenges students to think about different kinds of knowledge, factors influencing human knowing, and processes/patterns involved in attaining knowledge. Particular attention is given to case studies illustrating modes of inquiry in the natural sciences, social sciences, and humanities. Heavy emphasis on critical thinking skills needed to read analytically and write effectively.

**Prerequisite:** None

### **IDST 308 Search for the Quality of Life**

**3 cr**

Surveys a range of previous visions (western and nonwestern) that bear upon issues of quality, with particular emphasis upon the concepts of "maturity," "love," and "work." Integrative in nature, the course draws upon readings from several disciplines.

**Prerequisite:** Junior/senior status

### **IDST 320 Interpretation**

**3 cr**

Beginning with the consideration of the raw data with which scholars work, students proceed through the process by which meaning is constructed and then through the processes by which various interpretations can be challenged or defended, with special emphasis placed upon standards for distinguishing effective from ineffective arguments.

**Prerequisite:** Junior/senior status

### **IDST 330 The Idea Of . . .**

**3 cr**

Focuses on a particular idea (e.g., "freedom," "love," "autonomy," "democracy"). Selected idea is examined from the perspective of different disciplines.

**Prerequisite:** Junior/senior status

### **IDST 340 Great Visions**

**3 cr**

Focuses on a different person of vision (e.g., Galileo, Freud, Marx, Darwin). Exploration of the life, times, and work of the selected person utilizing literature from different disciplines.

**Prerequisite:** Junior/senior status

### **IDST 350 Great Epochs**

**3 cr**

Focuses on a different epoch (e.g., "The Enlightenment," "The Nuclear Age"). Each epoch is examined using appropriate literature from different perspectives and disciplines.

**Prerequisite:** Junior/senior status

### **IDST 360 Explorations in Interdisciplinary Studies**

**3 cr**

Focuses on a different topic or issue (e.g., "Society and Disease," "Science and Society," "Evolution and Faiths", "Biology and Gender"). Each topic is studied from the vantage point of at least two different disciplines.

**Prerequisite:** Junior/senior status

### **IDST 401 Senior Seminar**

**3 cr**

Available only to senior interdisciplinary studies majors, this seminar requires students to carry out supervised research projects within their areas of study and to share the progress and results of their research with seminar participants.

**Prerequisite:** Senior IDST Major

### **IDST 500 Directed Independent Study**

**3 cr**

Open to junior and senior IDS majors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

# INTERDISCIPLINARY STUDIES

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Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

## **IDST 540 Interdisciplinary Internship**

**1-6 cr**

Offers seniors field experience that actively and extensively draws upon the concepts, principles, and skills of at least two different disciplines. The internship must include a strong writing component in which the student interprets his/her field experience with reference to key ideas and themes of the relevant disciplines.

**Prerequisite:** Senior status and department approval

Director: Theresa Miller, M.Ed.  
(413) 662-5309, tmiller@mcla.edu

## LEARNING SERVICES CENTER

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The Learning Services Center provides support services for students already enrolled in the College, college-bound high school students, and adults returning to higher education, all of whom may need training or enhancement of basic skills.

The structure of the courses allows students to improve basic skills before enrolling in introductory-level courses or to use the review of skills as academic support when taking introductory courses concurrently. The course work provides specific study and problem solving approaches in the area to be learned. Emphasis is placed on the development of efficient reading, writing, and mathematics skills that students use in the college courses.

Students enter the program in a variety of ways. Some students are placed in a SKIL class based on their performance on a placement test; others are referred by their instructors while enrolled. Others seek help on their own because they have discovered that they need it.

Credits earned in courses with a subject abbreviation of SKIL are additive credits. These credits may not be used to meet graduation requirements. However, the grades earned in SKIL courses are calculated into the student's quality point average and are included in determining full-time enrollment.

### COURSE LISTINGS

#### **SKIL 088 Individual Enrichment Seminar**

**2 additive cr**

Provides the means for students to gain personal insights, develop goal-directed action plans, explore problem solving techniques, understand the elements of assertive communication, build links with fellow students and staff, and become familiar with the beginning steps of career exploration.

**Prerequisite:** Enrollment in the IEP Summer Seminar Program

#### **SKIL 096 Mathematics for College**

**3 additive cr**

Provides the means for students to develop mathematical literacy by reviewing computational skills and selected algebraic functions. Students will acquire quantitative sense and confidence to prepare for core curriculum or foundation courses in quantitative skills. Course includes initial diagnostic placement test which determines specific learning units to be covered. The course is individualized and runs with small group, individual, and large group instruction.

**Prerequisite:** Placement based on College testing, SAT scores, faculty or admissions referral

#### **SKIL 097 Writing for College**

**3 additive cr**

Emphasizes components of clear written communication. Prepares students for college level writing requirements. Includes lectures, writing activities, group and individual discussions.

**Prerequisite:** Placement based on College testing, SAT scores, faculty or admissions referral

#### **SKIL 098 Learning Strategies: Reading and Study Skills**

**3 additive cr**

Provides the means for students to understand personal strengths and weaknesses in reading and studying. Facilitates development of techniques for efficient information acquisition and encourages appreciation of reading as a method of acquiring knowledge. Increases reading speed, vocabulary development, and awareness of other academic success strategies.

**Prerequisite:** Placement based on College testing, SAT scores, high school background, faculty or admissions referral

#### **ENGL 090 Speed Reading**

**1 cr**

Provides the means for students to identify strategies to increase reading speed and guides students in the process of developing particular techniques. Reading speed, vocabulary development, and information processing are the three focal areas for instruction. Based upon the established techniques incorporated in the Time/Life Speed Reading System. This course also utilizes a computerized speed reading program.

**Prerequisite:** None



## PROGRAMS AVAILABLE

### **BACHELOR OF ARTS IN MATHEMATICS MATHEMATICS MINOR TEACHING LICENSURE**

#### **MATHEMATICS MAJOR PROGRAM**

The Department of Mathematics offers a four-year program leading to a Bachelor of Arts in Mathematics. The program fosters insights and solutions to a variety of problems through symbolic or numerical analysis. The practice of the discipline requires and engenders precise modes of thinking. The use of calculus, numerical methods, probability, statistics, and logic is basic to the quantitative methods needed throughout society today. Students graduating with a degree in mathematics will be able to:

- demonstrate awareness of cultural and historical aspects of mathematics;
- communicate mathematical ideas and procedures through written and oral discussion;
- apply mathematical ideas and procedures through reasoning to the various disciplines;
- pursue mathematical careers or enter graduate and professional schools;
- function as independent learners;
- apply technology in the study of mathematics.

#### **Mathematics Major Requirements**

MATH 220	Calculus I	3 cr
MATH 240	Introduction to Set Theory and Mathematical Logic	3 cr
MATH 261	Linear Algebra	3 cr
MATH 320	Calculus II	3 cr
MATH 330	Calculus III	3 cr
MATH 430	Calculus IV	3 cr

One course in each of the following areas:

<u>Area I</u>		3 cr
MATH 360	Number Theory	
MATH 362	Algebraic Structures I	

<u>Area II</u>		3 cr
MATH 380	Differential Equations	
MATH 390	Numerical Analysis	
MATH 455	Complex Variables	
MATH 460	Real Analysis I	

<u>Area III</u>		3 cr
MATH 281	Linear Programming	
MATH 331	Probability Theory	
MATH 332	Statistical Analysis	
MATH 444	Operations Research	

<u>Area IV</u>		3 cr
MATH 340	Graph Theory	
MATH 344	Geometry	
MATH 440	Topology	

Two computer science courses, one of which is CSCI 153 . The second must have CSCI 153 as a prerequisite. 6 cr

Four additional mathematics courses 300-level or above 12 cr

Eight credits in one of the introductory science courses: 8 cr

BIOL 150 Foundations in Biology plus one course that requires BIOL 150 as a prerequisite  
 CHEM 150-152 Introduction to Chemistry I and II  
 PHYS 151-152 Introduction to Physics I and II

**TOTAL MATHEMATICS MAJOR REQUIREMENTS 56**

Chairperson: Fredricka Bennett, Ph.D.  
(413) 662-5364, fbennett@mcla.edu

# MATHEMATICS

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## MATHEMATICS MINOR PROGRAM

The mathematics minor develops mathematical skills at the calculus level and beyond. With the assistance of a member of the mathematics faculty, a student selects courses that readily complement and enhance his/her major discipline.

### Mathematics Minor Requirements

MATH 220	Calculus I	3 cr
MATH 320	Calculus II	3 cr

One of the following: 3 cr

MATH 240	Introduction to Set Theory and Mathematical Logic
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MATH 232	Introduction to Statistics
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CSCI 153	Introduction to Programming I
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One mathematics elective, 200-level or above 3 cr

Three mathematics electives, 300-level or above 9 cr

<b>TOTAL MATHEMATICS MINOR REQUIREMENTS</b>	<b>21</b>
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## TEACHING LICENSURE

Students majoring in mathematics may choose to pursue initial teacher licensure as an early childhood teacher, elementary teacher, or middle school teacher. Also, mathematics majors may pursue initial licensure as a teacher of mathematics for the middle school or secondary levels. Students seeking any of these licensures must complete a mathematics major and a licensure program in education.

## COURSE LISTINGS

### MATH 101 Concepts in College Mathematics 3 cr

Instructs students to use mathematical calculations as a means towards making decisions. Topics include the study of linear and exponential models. Making judgments, using the Principles of Probability and Statistics. Designed for students not planning to major in Mathematics & Science.

**Prerequisite:** Placement based on SAT scores and high school background

### MATH 150 Precalculus 3 cr

Introduces topics necessary for the study of calculus. A detailed study of algebraic, trigonometric, exponential, and logarithmic functions and equations from analytical, graphical, and numerical points of view.

**Prerequisite:** Placement based on SAT scores and high school background

### MATH 220 Calculus I 3 cr

Examines limits, continuity, the derivative, differentiation of elementary functions, applications of the derivative, and an introduction to the anti-derivative. The first of a four-part sequence.

**Prerequisite:** MATH 150, CCMA 100, or department approval

### MATH 232 Introduction to Statistics 3 cr

Examines descriptive statistics, probability, and sampling theory. Geared to the needs of nonmathematics majors. Mathematics majors cannot use this course for credit towards their major.

**Prerequisite:** MATH 101 or department approval

### MATH 240 Introduction to Set Theory and Mathematical Logic 3 cr

Introduces quantifiers, truth tables, valid arguments, mathematical systems, types of proofs, mathematical induction, set operations, the algebra of sets, relations, functions, and counting arguments.

**Prerequisite:** MATH 220 or departmental approval

# MATHEMATICS

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## **MATH 261 Linear Algebra**

**3 cr**

Investigates the theory of vector spaces, linear equations, linear transformations, determinants, inner product spaces, eigenvalues, and eigenvectors.

**Prerequisite:** MATH 220 and MATH 240

## **MATH 281 Linear Programming**

**3 cr**

Examines the solution of linear programming problems using graphical methods, the simplex algorithm, and the computer. Additional topics may include duality theory and applications chosen from the transportation problem, the personnel assignment problem, and two-person, zero-sum games.

**Prerequisite:** MATH 261

## **MATH 300 How to Teach Mathematics**

**3 cr**

Gives students a unique opportunity to experiment through service learning with innovations in course content and teaching methods for elementary, middle school, and high school mathematics, based on the use of technology.

**Prerequisite:** MATH 101 with a grade of B or better or Math level equivalent to college algebra

## **MATH 320 Calculus II**

**3 cr**

Studies antiderivatives, the definite integral, transcendental functions, techniques and applications of integration, an introduction to improper integrals. The second of a four-part sequence.

**Prerequisite:** MATH 220

## **MATH 328 Interest Theory**

**3 cr**

Treats topics from the mathematical theory of compound interest. Problems dealing with annuities, amortized schedules, sinking funds, and bonds will be analyzed.

**Prerequisite:** MATH 320

## **MATH 330 Calculus III**

**3 cr**

Studies infinite series, plane curves, polar coordinates, vectors, vector-valued functions, and analytic geometry in three-dimensional space. The third of a four-part sequence.

**Prerequisite:** MATH 320

## **MATH 331 Probability Theory**

**3 cr**

Examines probability laws, discrete and continuous random variables and their probability distributions, expectation, moments and moment generating functions, sequences of random variables, and Markov chains.

**Prerequisite:** MATH 330

## **MATH 332 Statistical Analysis**

**3 cr**

Examines functions of random variables, sampling distribution, limit theorems, estimation, hypothesis testing, linear regression, correlation, analysis of variance, and analysis of enumerative data.

**Prerequisite:** MATH 331

## **MATH 340 Graph Theory**

**3 cr**

Investigates definitions and examples of graphs, graph isomorphism, paths and circuits, connectivity, trees, planar graphs, Euler's formula, graph coloring, four and five color theorems, and applications.

**Prerequisite:** MATH 240 or MATH 261

## **MATH 344 Geometry**

**3 cr**

Studies geometries from an advanced standpoint. Some of the topics that may be covered are non-Euclidean geometry, geometry of the complex plane, affine geometry, or projective geometry.

**Prerequisite:** MATH 240

## **MATH 345 Game Theory**

**3 cr**

Introduces game theory terminology, zero-sum, two-person games, minimax theorem, optimal mixed strategies, and applications to economics.

**Prerequisite:** MATH 261

Chairperson: Fredricka Bennett, Ph.D.  
(413) 662-5364, fbennett@mcla.edu

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# MATHEMATICS

## **MATH 360 Number Theory**

**3 cr**

Introduces the basic concepts of number theory: the Euclidean algorithm, primes, divisibility theorems, Mersenne and Fermat numbers, linear Diophantine equations, congruences, unique factorization, and quadratic reciprocity.

**Prerequisite:** MATH 261

## **MATH 362 Algebraic Structures I**

**3 cr**

Introduces the study of algebraic structures with a detailed examination of groups; their properties, isomorphic and homomorphic mappings. Cyclic, symmetric, and quotient groups; groups of permutations and cosets. Normal subgroups. The Fundamental Homomorphism Theory.

**Prerequisite:** MATH 261

## **MATH 363 Algebraic Structures II**

**3 cr**

Continues the study of structures: rings, ideals, integral domain, fields, extensions of fields, vector spaces, prime and unique factorization, Galois theory.

**Prerequisite:** MATH 362

## **MATH 364 Linear Algebra II**

**3 cr**

Examines the study of transformation relative to different bases and their relationship to matrices. Topics will include orthogonal matrices, similar matrices, and applications to differential equations.

**Prerequisite:** MATH 261

## **MATH 370 Symbolic Logic**

**3 cr**

Explores both propositional and predicate calculus. Elementary valid argument forms and their use in constructing proofs. Semantics, syntax and axiomatic systems. Some reference to the development of logic, as time permits.

**Prerequisite:** MATH 240

## **MATH 371 Computability and Complexity**

**3 cr**

Studies computable functions vs. noncomputable functions, Turing machines, recursive functions, unsolvable decision problems, classification of computable functions by amount of computer storage and computer time needed for their computation, complexity measures.

**Prerequisite:** MATH 320 and CSCI 153

## **MATH 372 History of Mathematics**

**3 cr**

Examines the historical development of mathematics and its impact from ancient to modern times.

**Prerequisite:** MATH 320

## **MATH 380 Differential Equations**

**3 cr**

Examines first- and second-order differential equations with particular emphasis on  $n$ th order equations with constant coefficients, differential operators, systems of equations, series solutions, and Laplace transforms.

**Prerequisite:** MATH 330 and CSCI 153

## **MATH 390 Numerical Analysis**

**3 cr**

Studies the approximation of polynomials at points and over intervals; numerical solutions of algebraic and transcendental equations in one unknown using geometric and arithmetic methods; numerical differentiation; and integration.

**Prerequisite:** MATH 320

## **MATH 430 Calculus IV**

**3 cr**

Concludes the four-semester sequence of calculus with the study of functions in two or more variables, their derivatives and partial derivatives, multiple integrals, line and surface integrals, Green's Theorem, and Stoke's Theorem.

**Prerequisite:** MATH 330

## **MATH 440 Topology**

**3 cr**

Covers various topological spaces. Continuity, connectedness, and compactness are analyzed and compared. Applications of continuity will be applied to the contraction mapping principle. Analysis of product spaces and quotient spaces. Alternate topics may be discussed.

**Prerequisite:** MATH 430

# MATHEMATICS

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(413) 662-5364, fbennett@mcla.edu

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## **MATH 444 Operations Research**

**3 cr**

Covers various interrelated topics such as linear programming, network analysis, game theory, probability and queuing theory, and optimization theory.

**Prerequisite:** MATH 430

## **MATH 455 Complex Variables**

**3 cr**

Studies the basic theory of functions of a complex variable including complex numbers and their algebra; analytic functions; Cauchy-Riemann conditions; and the differential and integral calculus of analytic functions.

**Prerequisite:** MATH 430

## **MATH 460 Real Analysis I**

**3 cr**

Examines the basis of calculus with a rigorous exploration of the function concept from both a set-theoretic and topological viewpoint with particular attention to the completeness of the real number system, limits, continuity and convergence of sequences and series.

**Prerequisite:** MATH 430

## **MATH 461 Real Analysis II**

**3 cr**

Explores further the basis of calculus with the study of differentiation, the Riemann Integral, the Fundamental Theorem of calculus, as well as additional study on the convergence of infinite series, uniform convergence, and sequences and series of functions.

**Prerequisite:** MATH 460

## **MATH 486 Special Topics in Mathematics**

**3 cr**

Introduces theory that is an extension of various upper-division mathematics courses. Special topics may explore, but are not restricted to: analysis, geometry, and theory related to modern technology.

**Prerequisite:** To be determined by instructor

## **MATH 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

## **MATH 540 Internship in Mathematics**

**3-15 cr**

Qualified students may be placed as interns in mathematically oriented positions. The internship is designed to supplement and apply classroom study.

**Prerequisite:** Junior/senior standing and department approval

## PROGRAM AVAILABLE

### SPANISH MINOR

#### SPANISH MINOR PROGRAM

The minor program in Spanish is based on the assumption that foreign language study is most beneficial to a student who successfully combines it with a major discipline or builds it into an interdisciplinary program. It should appeal to those who aspire to careers in which the ability to deal articulately with people of different linguistic and cultural backgrounds is recognized as an invaluable asset. Anthropology, business, journalism, medical technology, social work, sociology, and travel and tourism are some of the most obvious fields complemented by concentrated studies in Spanish.

#### Spanish Minor Requirements

SPAN 101-102 Elementary Spanish I & II	6 cr
SPAN 201-202 Intermediate Spanish I & II	6 cr
Any two 300-level courses	<u>6 cr</u>

#### TOTAL SPANISH MINOR REQUIREMENTS 18

Students with prior experience in Spanish may choose the CLEP option for credit or may waive the appropriate number of credits.

## COURSE LISTINGS

#### FREN 101 Elementary French I

3 cr

Introduces spoken and written French, emphasizing comprehension and communication. Classroom time devoted primarily to listening and speaking, with some reading. Vocabulary presented and illustrated in meaningful contexts. Lab assignments provide practice in writing as well as additional opportunities to hear and read French. First half of a one-year course; intended for those who have no prior experience with French. Conducted in French.

**Prerequisite:** None

#### FREN 102 Elementary French II

3 cr

Improves fundamental skills of understanding, speaking, reading, and writing French. Students will increase their command of the standard topics of French grammar. Short readings will enhance understanding and appreciation of French-speaking cultures and provide topics of conversation. Second half of a one-year course. Conducted in French.

**Prerequisite:** FREN 101 or department approval

#### FREN 201 Intermediate French I

3 cr

Reviews first-year college French (or high-school equivalent) with a view toward building competence and confidence in students who have been exposed to the basics of the language. Exploration of selected themes in the modern French-speaking world as well as intensive exercises in the oral and written language. Readings, discussions, and brief essays on topics related to French culture. Conducted in French.

**Prerequisite:** FREN 102 or equivalent

#### FREN 202 Intermediate French II

3 cr

Presents a selection of French literary works and cultivates skills necessary to read and discuss them with understanding and appreciation. Reviews and expands grammar and vocabulary. Provides opportunities to learn and apply fundamentals of literary analysis and criticism. Readings include the major genres and represent a range of French-speaking countries.

**Prerequisite:** FREN 201 or department approval

#### FREN 271 Topics in Contemporary French Literature and Culture

3 cr

Covers topics in contemporary French culture using a variety of materials, from current newspaper articles, French films, and French television to articles on the particular problems discussed and short novels and short stories in translation. Divided into six thematic units covering conceptions of the family and the couple, socialization and education of children, French geography, basic issues of French economy.

**Prerequisite:** Department approval

# MODERN LANGUAGE

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

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## **ITAL 101 Introduction to Italian**

**3 cr**

Introduces the basics of spoken and written Italian, emphasizing communication and comprehension. Classroom time devoted mainly to speaking and listening with some reading and writing. Vocabulary presented in meaningful contexts. First half of a one-year course; intended for those who have no prior exposure to Italian. Conducted in Italian.

**Prerequisite:** None

## **KISW 101 Introduction to Kiswahili**

**3 cr**

Enables students to develop communicative skills through listening, speaking, reading, and writing; provides insights into Swahili culture of East Africa: customs, traditions, and the evolution of Kiswahili language.

**Prerequisite:** None

## **MODL 100 Introduction to Language**

**3 cr**

Investigates the nature of language, its function, history, and relationship to other aspects of physical, social, psychological, and cultural development. Covers phonetics, phonemics, syntax, language acquisition, dialects, language change, discourse analysis, nonverbal and animal communication, language in society, and other topics.

**Prerequisite:** None

## **MODL 275 Readings in French Literature in Translation**

**3 cr**

Provides an introduction to French literature through French short stories, essays, novels, and plays. Texts are chosen according to a specific theme, which will vary from year to year. (e.g., love, representations of the self, nature, the writer, progress of humanity through history).

**Prerequisite:** Department approval

## **MODL 500 Directed Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

## **SPAN 101 Elementary Spanish I**

**3 cr**

Introduces spoken and written Spanish, emphasizing comprehension and communication. Classroom time devoted primarily to listening and speaking and some reading. Vocabulary presented and illustrated in meaningful contexts. Lab assignments provide practice in writing as well as additional opportunities to hear and read Spanish. First half of a one-year course; intended for those who have no prior experience with Spanish. Conducted in Spanish.

**Prerequisite:** None

## **SPAN 102 Elementary Spanish II**

**3 cr**

The second half of a one-year introductory course emphasizing comprehension and communication. See SPAN 101 for course content.

**Prerequisite:** SPAN 101 or department approval

## **SPAN 201 Intermediate Spanish I**

**3 cr**

Reviews first-year college Spanish (or high-school equivalent) with a view toward building competence and confidence in students who have been exposed to the basics of the language. Exploration of selected themes in modern Hispanic society as well as intensive exercises in the oral and written language. Readings, discussions, and brief essays on topics related to Hispanic culture. Conducted in Spanish.

**Prerequisite:** Span 102 or department approval

## **SPAN 202 Intermediate Spanish II**

**3 cr**

Continues Spanish 201. Additionally, through the reading of varied texts of wide appeal and interest, students become acquainted with the literature and life experiences of Spanish-speaking peoples. Exploring such elements as the literary content, themes, figures of speech, and tone of a text, students are assigned written work of a descriptive or interpretive nature based on such textual aspects of the works studied and discussed. Conducted in Spanish.

**Prerequisite:** SPAN 201 or equivalent

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

## MODERN LANGUAGE

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**SPAN 300 Spanish Conversation and Composition**

**3 cr**

Facilitates the acquisition of a broad vocabulary through discussion in Spanish on various topics of current and general interest, based on selected readings; and improves students ability to express themselves in writing. Frequent compositions based on the readings discussed in class. Intended for students who have a solid grounding in the fundamentals of Spanish grammar.

**Prerequisite:** SPAN 202 or equivalent

**SPAN 310 Hispanic Civilization**

**3 cr**

Provides a general survey of the history of Spain in the broader context of Mediterranean civilization through the colonial period. Looks at the present-day experience of Hispanics in the United States in the light of the past. Readings, discussions, written summaries, oral reports, brief essays, and written examinations. Conducted in Spanish.

**Prerequisite:** SPAN 202 or equivalent

**SPAN 330 The Hispanic Short Story (El Cuento Hispanico)**

**3 cr**

Surveys the short story in the Spanish-speaking world of the twentieth century. Reviews the techniques of literary analysis followed by reading, analysis and discussion of outstanding examples of the form chosen from among the works of representative Hispanic writers of Europe and the Americas. Several brief analytical papers required. Conducted in Spanish.

**Prerequisite:** SPAN 202 or equivalent



# PHILOSOPHY

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

## PROGRAMS AVAILABLE

### **BACHELOR OF ARTS IN PHILOSOPHY CONCENTRATION IN LAW, ETHICS AND SOCIETY PHILOSOPHY MINOR TEACHER LICENSURE**

#### **PHILOSOPHY MAJOR PROGRAM**

The Department of Philosophy/Modern Language/ Interdisciplinary Studies offers a four-year program leading to a Bachelor of Arts in Philosophy. Through reading, discussing, and writing about traditional and contemporary philosophical texts and issues, the program challenges students to bring a rigorous critical and constructive attitude to every aspect of their lives. These critical skills and habits complement any career. Students graduating with a degree in philosophy will be able and disposed to:

- reflect on their own most basic assumptions;
- consider a variety of perspectives on a topic;
- become an active member of a community of learners;
- write in a literate, clear, and interesting manner;
- read actively and fruitfully various sorts of philosophical texts;
- understand and apply the formal structures of sound reasoning and good argumentation;
- engage in respectful and productive conversation and collaborative thinking.

#### **Philosophy Major Foundation Courses**

PHIL 100	A First Course in Philosophy	3 cr
or PHIL 101	History of Ideas	
PHIL 200	Logic	3 cr
PHIL 220	Ethics	3 cr
PHIL 240	Ancient Philosophy	3 cr
PHIL 242	Modern Philosophy	3 cr
or PHIL 350	Contemporary Moral Issues	

#### **Elective Requirements**

Five philosophy electives above the 200 level, planned with the departmental advisor 15cr

**TOTAL PHILOSOPHY MAJOR REQUIREMENTS 30**

#### **CONCENTRATION IN LAW, ETHICS AND SOCIETY**

Requires students to complete the philosophy major foundation courses, plus at least seven additional courses in philosophy. To graduate in the concentration, students must complete the following requirements:

#### **Law, Ethics and Society Concentration Requirements**

Philosophy Major Foundation Courses 15 cr

PHIL 400 Contemporary Legal Philosophy 3 cr

Two of the following applied ethics courses: 6 cr

PHIL 250 Environmental Ethics

PHIL 322 Business Ethics

PHIL 480 Biomedical Ethics

PHIL 480 Information Ethics

One of the following social and political philosophy courses: 3 cr

PHIL 301 Philosophy of Religion

PHIL 355 Women and Philosophy

PHIL 360 Social and Political Philosophy

or approved equivalent

Three electives in philosophy above the 200 level, in consultation with an advisor 9 cr

**TOTAL LAW, ETHICS AND SOCIETY CONCENTRATION REQUIREMENTS 36**

Students pursuing the concentration must publish at least two articles in the departmental philosophical review, *Thesis XII*, and produce a senior capstone project as the basis for a presentation at the annual philosophy student miniconference.

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

# PHILOSOPHY

## PHILOSOPHY MINOR PROGRAM

The Philosophy minor will enable students to gain knowledge of main philosophical issues that may be fruitfully combined with subject areas in other departments, including their major program.

### Philosophy Minor Requirements

PHIL 100	A First Course in Philosophy	3 cr
or PHIL 101	History of Ideas	
PHIL 200	Logic	3 cr
PHIL 220	Ethics	3 cr
or PHIL 350	Contemporary Moral Issues	

The remaining necessary nine credit hours consist of electives taken from the Philosophy Department curriculum. The selection should depend on the major of the student and the student's main interests. 9 cr

**TOTAL PHILOSOPHY MINOR REQUIREMENTS 18**

## TEACHER LICENSURE PROGRAMS

Students majoring in philosophy may choose to pursue initial teacher licensure as an early childhood teacher, or elementary teacher. These students will complete the philosophy major and a licensure program in education.

## COURSE LISTINGS

- PHIL 100 A First Course in Philosophy 3 cr**  
Engages students in the critical investigation and reflective analysis of such fundamental philosophical questions as freedom and moral responsibility, the nature of being and knowledge, the existence of God and the problem of evil, and individual rights and social justice. Emphasizes the relevance that philosophy has to contemporary problems and encourages students to think, read, write, and speak critically and thoughtfully.  
**Prerequisite:** None
- PHIL 101 History of Ideas 3 cr**  
Provides a multidisciplinary approach to intellectual history, emphasizing the development of some of the major ideas whose consequences shape modern life, such as reason, nature, science, friendship, divinity, and freedom. Sufficient emphasis will be placed on the Massachusetts and federal constitutions to meet the State requirement.  
**Prerequisite:** None
- PHIL 110 World Religions 3 cr**  
Examines basic texts, concepts, presuppositions, and ways of life of several major religious traditions. The central purpose is to prepare the students to understand and assess, in a cross-cultural context, the pervasive influence of the experience of the sacred on all aspects of human culture.  
**Prerequisite:** None
- PHIL 200 Logic 3 cr**  
Examines and applies the basic principles of cogent, sound, or critical reasoning and writing, leading to a deeper understanding of language and of the use of logical argumentation. Considers, often in the context of real life arguments and claims, such notions as deduction and induction, formal and informal fallacy, analogical and casual reasoning.  
**Prerequisite:** None

# PHILOSOPHY

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

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## **PHIL 220 Ethics**

**3 cr**

Examines the relationship of the individual to society from the perspective of moral philosophy and certain normative systems of value; explores ethical issues and problems from a multicultural perspective; and encourages students to use their background in literature, history, and other disciplines to assist them in answering pressing ethical questions.

**Prerequisite:** PHIL 100 or 101, or department approval

## **PHIL 230 Existentialism**

**3 cr**

Encourages students to consider, in a personal way, the meanings of living authentically and inauthentically, their relation to the world and to others, and the notions of freedom and responsibility.

**Prerequisite:** PHIL 100 or 101, or department approval

## **PHIL 240 Ancient Philosophy**

**3 cr**

Explores the ancient roots of western intellectual history, including contributions of non-European societies, in the context of the politics, economics, language, religion, and technology of their times. Students will apply philosophical and historical tools to investigate the development of important ideas and schools of thought in the ancient world and the consequences of those ideas in the present.

**Prerequisite:** PHIL 100 or PHIL 101, or department approval

## **PHIL 242 Modern Philosophy**

**3 cr**

Explores the roots of western intellectual history since the European Renaissance, including the politics, economics, language, religion, and technology in which they arose. Students will apply philosophical and historical tools to investigate the development of important ideas and schools of thought in the modern world and their consequences in the present.

**Prerequisite:** PHIL 100 or 101, or department approval

## **PHIL250 Environmental Ethics**

**3 cr**

Addresses recent and historical perspective on the nature and scope of human moral obligations to the natural environment. Discusses the content and merits of competing ethical theories and their implications both for intra-human affairs and our place in nature as one of its creatures.

**Prerequisite:** None

## **PHIL 290 Philosophy of Education**

**3 cr**

Assists students to make progress toward identifying elements of the philosophy of education. Toward this end, basic philosophical questions and educational values are discussed within the context of examining different philosophical perspectives.

**Prerequisite:** PHIL 100 or 101 or department approval

## **PHIL 300 Epistemology and Metaphysics**

**3 cr**

Considers the origins, nature, and presuppositions of knowledge and its relation to such concepts as belief, fact, truth, justification, and reality. Examines various accounts of the most general features of reality using categories such as being/becoming, real/apparent, identity/difference, existence, change, time, space, and causality.

**Prerequisite:** A 100-level and a 200-level PHIL course, or permission of instructor

## **PHIL 301 Philosophy of Religion**

**3 cr**

Analyzes the nature of religion: religious knowledge (reason and justification), religious experience (the affective, inner impulse of sacred life), and religious tradition (the social construction of religion practices and beliefs).

**Prerequisite:** A 100-level and a 200-level philosophy course or department approval

## **PHIL 322 Business Ethics**

**3 cr**

Examines the values of a business society and the ethical dimensions of decision-making in business, with the aim of enabling the student to develop a meaningful set of values by which to live and contribute creatively in a business society.

**Prerequisite:** A 100-level and a 200-level PHIL course, or department approval

## **PHIL 330 Aesthetics**

**3 cr**

Explores systematically issues surrounding the critical appreciation of perceptual experience. Questions the nature and value of the objects of such appreciation, whether they are human creations (music, art, theatre, dance, literature) or natural objects.

**Prerequisite:** A 100-level and a 200-level PHIL course, or department approval

Chairperson: Marc A. Goldstein, Ph.D.  
(413) 662-5378, mgoldste@mcla.edu

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# PHILOSOPHY

**PHIL 350 Contemporary Moral Issues**

**3 cr**

Views such issues as war and peace, world poverty, sexual morality, and spirituality from the perspectives of traditional and contemporary ethical theories.

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 355 Women and Philosophy**

**3 cr**

Examines and challenges several areas of traditional philosophical inquiry in terms of how they address (or fail to address) women and women's issues. Further examines significant developments made by philosophers in many fields (including metaphysics, moral theory, epistemology, philosophy of science, and social and political theory) informed by the perspectives and experiences of women as such.

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 360 Social and Political Philosophy**

**3 cr**

Investigates conceptual and moral questions posed by life in community with others. These include justifications of democracy, political freedom, natural rights, political obligation, social justice, and the challenge of anarchism.

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 390 Philosophical Analysis**

**3 cr**

Studies and applies analytical linguistic techniques to traditional philosophical problems within a historical context, including the Vienna Circle and Wittgenstein, positivism, and the contemporary analytic tradition.

**Prerequisite:** A 100-level and a 200-level philosophy course or department approval

**PHIL 400 Contemporary Legal Philosophy**

**3 cr**

Examines the nature of law, the logic and sociology of judicial processes, and the relationship of law to morality, including a comparison of major legal theories: natural law, legal positivism, legal realism, and Marxist legal analysis.

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 470 Seminar in the History of Philosophy**

**3 cr**

Focuses on an era or period in the history of philosophy (e.g. Greek philosophy, medieval philosophy, twentieth century philosophy) or the works of individual philosophers (e.g. Plato, Hegel, Marx, Dewey, et al.).

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 480 Seminars in Special Problems in Philosophy**

**3 cr**

Provides the opportunity for advanced critical examination of such philosophically challenging issues as freedom, value, meaning, humanism, truth and relativism, rights, justice, etc.

**Prerequisite:** A 100-level and a 200-level PHIL course or department approval

**PHIL 495 Teaching Assistantship in Philosophy**

**3 cr**

Provides assistance to philosophy majors who intend to pursue active teaching careers in the discipline. Students will be assigned to a department member to assist in the teaching of lower level courses.

**Prerequisite:** Minimum of 18 semester hours in philosophy and department approval

**PHIL 500 Directed Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** A 100-level and a 200-level PHIL course; junior or senior status; department approval

**PHIL 540 Philosophy Internship**

**3-9 cr**

Philosophy is applicable to a wide range of professions and activities (e.g. law, business, education, public service). The Philosophy internship is designed to allow advanced students with a particular focus or career goal to design and pursue such applications with faculty supervision, including a significant component of writing about their experiences. Up to 9 credits per semester, three of which may apply to minimum major requirements.

**Prerequisite:** Senior status and departmental approval

# PHYSICAL EDUCATION

Chairperson: Ronald Shewcraft, M.S.  
(413) 662-5354, [rshewcra@mcla.edu](mailto:rshewcra@mcla.edu)

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The Physical Education Department offers students the opportunity to experience various forms of physical activity. These activities heighten skill and enable effective choice making concerning the value and place of physical activity within adult life styles.

## COURSE LISTINGS

- PHED 103 Swimming** **1 cr**  
Designed for the non-swimmer wishing to learn to swim and swimmers looking to improve their swimming skills. Swimming as a lifelong health/fitness activity is stressed.  
**Prerequisite:** None
- PHED 104 American Red Cross Lifeguard Training** **2 cr**  
Provides American Red Cross certification as a lifeguard.  
**Prerequisite:** Strong swimming ability in the crawl, breast stroke, sidestroke, and elementary backstroke.
- PHED 108 Community First Aid and Safety** **1 cr**  
Provides instruction in basic first aid and CPR for the adult, child, and infant. Red Cross certification is provided upon successful completion.  
**Prerequisite:** None
- PHED 109 Scuba** **2 cr**  
Introduces the skills of scuba diving. Successful completion of this course leads to certification in NAUI, a worldwide diving organization.  
**Prerequisite:** None
- PHED 110 Fundamentals of Tennis** **1 cr**  
Instructs students in the fundamentals of tennis and game play.  
**Prerequisite:** None
- PHED 113 Fundamentals of Beginning Badminton** **1 cr**  
Provides the opportunity to learn skills and strategy of racket sports, specifically badminton.  
**Prerequisite:** None
- PHED 125 Fundamentals of Golf** **1 cr**  
Introduces students to the game of golf. Provides basic instruction in a good golf swing and the following: putting, chipping, iron and wood shots.  
**Prerequisite:** None
- PHED 127 Whitewater Canoeing** **1 cr**  
Introduces participants to the exhilarating sport of whitewater canoeing. Participants will learn safety and rescue principles, the dynamics of river currents, and paddling strokes and maneuvers.  
**Prerequisite:** Swimming ability required
- PHED 128 Fitness Training** **1 cr**  
Provides instruction in principles and techniques of fitness training. Both weight training and aerobic conditioning will be covered. Safety and proper use of the Fitness Center's equipment will be stressed.  
**Prerequisite:** None
- PHED 131 Water Aerobics** **1 cr**  
Uses the natural resistance of water. Participants will work on flexibility, range of motion, and increased cardiovascular endurance.  
**Prerequisite:** None
- PHED 132 Fitness for Life** **1 cr**  
Provides instruction in the components of physical fitness: flexibility, muscular strength and endurance, and cardiovascular endurance. Stress management and nutrition are also discussed.  
**Prerequisite:** None

Chairperson: Ronald Shewcraft, M.S.  
(413) 662-5354, rshewcra@mcla.edu

## PHYSICAL EDUCATION

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**PHED 139 Stress Management**

**1 cr**

Explores the factors that cause stress and places emphasis on what the individual can do to manage it. Exercise and progressive relaxation techniques are emphasized.

**Prerequisite:** None

**PHED 144 Aikido**

**1 cr**

Focuses on an understanding of the four principles of Koki Kai Aikido, a Japanese Martial Art. Focus is placed upon mastery of the fundamentals of the art to an extent that the student will be able to apply correct stance, falling and rolling techniques, and proper distance during the practice of self-defense.

**Prerequisite:** None

**PHED 146 Self-Defense for Women**

**1 cr**

Focuses on awareness and avoidance of a possible attack. Students will learn to punch and kick properly along with basic self defense hands techniques. This is a beginner's course in self-defense.

**Prerequisite:** None

**PHED 147 Fundamentals of Yoga**

**1 cr**

Teaches the basic Hatha Yoga postures, breathing exercises, and relaxation techniques.

**Prerequisite:** None

**PHED 150 Special Topics in Physical Education**

**1-2 cr**

Introduces students to a variety of Physical Education activities. Activities vary according to teaching staff and student needs.

**Prerequisite:** None

**PHED 215 Lifetime Wellness**

**3 cr**

Helps students develop a set of health behaviors that constitute what is generally considered to be a high energy lifestyle. These behaviors stress responsibility for one's health. Areas covered are physical fitness, nutrition and weight control, stress management, substance abuse, sexually transmitted disease and chronic disease.

**Prerequisite:** None

**PHED 395 Topics in Physical Education**

**1-3 cr**

Explores a specific aspect related to physical education, athletics, coaching, or sports medicine. Content identifiable by subtitle.

**Prerequisite:** Department approval

**PHED 500 Directed Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

# PHYSICS

Chairperson: William Seeley, Ph.D.  
(413) 662-5457, wseeley@mcla.edu

## PROGRAMS AVAILABLE

### **BACHELOR OF ARTS IN PHYSICS BACHELOR OF SCIENCE IN PHYSICS PHYSICS MINOR TEACHING LICENSURE**

#### **PHYSICS MAJOR PROGRAM**

The Department of Physics offers a four-year program leading to a Bachelor of Arts or Science in Physics. Students study basic physical laws of nature, apply these laws in the laboratory, and explore practical applications found in technological society. Opportunities are available for advanced study in electronics, solid state physics, lasers, vacuum technology, astrophysics and astronomy, computer applications, and elementary particle physics. Upon graduation, students are prepared to enter graduate school in physics or related scientific and engineering fields or to enter directly into the scientific or technological community. An undergraduate degree in physics is also an excellent foundation for graduate work in architecture, law, medicine, business administration, and a host of other fields.

Students graduating with a degree in physics will be able to:

- solve problems and apply established procedures that yield positive results;
- look at experimental evidence or theoretical projections and extract from these meaningful results;
- communicate information gained in their work to others, by written and oral means;
- conduct meaningful experimentation as a means of evaluation of ideas and verification of theory;
- use mathematics to analyze problems and generalize results;
- use modern computational methods to provide mathematical representations of physical problems;
- understand the basic principles in the various fields of physics;
- work with laboratory apparatus and measurement instrumentation, understanding laboratory procedures and techniques.

#### **Physics Major Requirements**

The physics program requires students to complete particular courses to meet their core curriculum requirements and to satisfy prerequisites for physics courses or to provide evidence of competency in these areas.

MATH 150	Precalculus	3 cr
MATH 220	Calculus I	3 cr
MATH 320	Calculus II	3 cr
MATH 330	Calculus III	3 cr
MATH 380	Differential Equations	3 cr

#### **Bachelor of Arts:**

PHYS 151	Introduction to Physics I	4 cr
PHYS 152	Introduction to Physics II	4 cr
PHYS 251	Introduction to Physics III	4 cr
PHYS 252	Introduction to Physics IV	4 cr
PHYS 301	Mechanics I	3 cr
PHYS 302	Mechanics II	3 cr
PHYS 303	Electricity and Magnetism I	3 cr
PHYS 304	Electricity and Magnetism II	3 cr
PHYS 391	Methods of Experimental Physics I	3 cr
PHYS 392	Methods of Experimental Physics II	3 cr
PHYS 401	Advanced Physics Laboratory I	3 cr
PHYS 402	Advanced Physics Laboratory II	3 cr
PHYS 451	Modern Physics I	3 cr
PHYS 452	Modern Physics II	3 cr
PHYS 460	Statistical Thermodynamics	3 cr
PHYS 480	Physics Seminar	<u>3 cr</u>

**TOTAL PHYSICS BACHELOR OF ARTS REQUIREMENTS** **67**

#### **Bachelor of Science (in addition to the above):**

PHYS 461	Mathematical Physics I	3 cr
PHYS 462	Mathematical Physics II	3 cr
PHYS 471	Quantum Mechanics I	3 cr
PHYS 472	Quantum Mechanics II	<u>3 cr</u>

**TOTAL PHYSICS BACHELOR OF SCIENCE REQUIREMENTS** **79**

Chairperson: William Seeley, Ph.D.  
(413) 662-5457, wseeley@mcla.edu

## PHYSICS MINOR PROGRAM

Students who minor in physics will obtain a firm foundation in both scientific techniques and physical content. In addition to a comprehensive study of the major area of physics, the student will gain a depth of knowledge in specific fields through study in upper-division courses.

### Physics Minor Requirements

PHYS	151	Introduction to Physics I	4 cr
PHYS	152	Introduction to Physics II	4 cr
PHYS	251	Introduction to Physics III	4 cr
PHYS	252	Introduction to Physics IV	4 cr

Select 6 credits from: 6 cr

PHYS	301	Mechanics I
PHYS	302	Mechanics II
PHYS	303	Electricity and Magnetism I
PHYS	304	Electricity and Magnetism II
PHYS	451	Modern Physics I
PHYS	452	Modern Physics II

**TOTAL PHYSICS MINOR REQUIREMENTS**      **22**

## TEACHING LICENSURE

Students majoring in physics may opt to pursue initial teacher licensure as an early childhood teacher, elementary teacher, or a middle school teacher. Also, physics majors may pursue initial licensure as a teacher of physics for the middle school or secondary levels. Students seeking any of these licensures must complete a physics major and a licensure program in education.

## COURSE LISTINGS

### PHYS 100 Physics Concepts: The Natural Laws

**3 cr**

Provides the historical background of the study of natural laws, investigates the basic laws of nature, and emphasizes man's place in a modern technological world. Required laboratory. For those not majoring in the physical sciences.

**Prerequisite:** None

### PHYS 131 General Physics I

**4 cr**

This is the first of a two-semester sequence, designed primarily for students in the biological and health sciences and others who desire a rigorous but non-calculus-based course that presents a complete introduction to physics. Covers vectors, one and two dimensional motion, Newton's laws, and rotational motion, conservation of energy and momentum, gravitation, wave motion, sound, heat, and thermodynamics. Required laboratory.

**Prerequisite:** None

### PHYS 132 General Physics II

**4 cr**

This is the second of a two-semester sequence, designed primarily for students in the biological and health sciences and others who desire a rigorous but non-calculus-based course that presents a complete introduction to physics. Covers geometrical optics, electricity and magnetism, electronics, modern physics, relativity. Required laboratory.

**Prerequisite:** PHYS 131

### PHYS 151 Introduction to Physics I

**4 cr**

Presents a unified view of physics including dynamics, statics, forces, work and energy, the conservation laws, vectors, experimental techniques. Required laboratory. For those wishing an in-depth understanding of natural laws.

**Prerequisite:** None

### PHYS 152 Introduction to Physics II

**4 cr**

Continues the studies of Introduction to Physics I. Rotational dynamics, angular momentum, moment of inertia, simple harmonic motion. Waves, acoustics, heat, and thermodynamics. Required laboratory.

**Prerequisite:** PHYS 151 or department approval



# PHYSICS

Chairperson: William Seeley, Ph.D.  
(413) 662-5457, wseeley@mcla.edu

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## **PHYS 220 Astronomy**

**3 cr**

Looks at historical and modern aspects of astronomy: Earth-Moon System, Sun, solar system, galaxy, observable Universe, current problems in astronomy, quasars, pulsars, black holes, the search for extraterrestrial life. Required laboratory, observing sessions.

**Prerequisite:** None

## **PHYS 230 Astronomy and Astrophysics**

**3 cr**

Investigates astronomical phenomena and their physics. The Sun and basic stellar characteristics; electromagnetic radiation and matter; the Hertzsprung-Russell diagram and stellar distances, and evolution; the structure and content of our galaxy; extra galactic objects; cosmology.

**Prerequisite:** MATH 150 or MATH 220

## **PHYS 241 Scientific Computing I**

**3 cr**

Examines the use of computers in the physical sciences. Uses computers to solve scientific problems through the use of numerical methods. Examples will be drawn from the physical and life sciences. Uses specialized computer software such as Mathematica and MathCAD, and general programming languages such as True Basic and spreadsheets.

**Prerequisite:** MATH 220, 320 or department approval

## **PHYS 242 Scientific Computing II**

**3 cr**

Continues Scientific Computing I.

**Prerequisite:** PHYS 241 or department approval

## **PHYS 251 Introduction to Physics III**

**4 cr**

The third of a four-part course and an extension of the work of Introduction to Physics I and II utilizing the more advanced mathematical techniques acquired during the freshman year. Studies electricity, magnetism, and optics. Required laboratory.

**Prerequisite:** PHYS 152 and familiarity with basic calculus

## **PHYS 252 Introduction to Physics IV**

**4 cr**

The fourth part of a four-semester sequence, continuing coverage from PHYS 251. Primary focus is on modern physics. Required laboratory.

**Prerequisite:** PHYS 251

## **PHYS 261 Electronics I**

**3 cr**

Examines basic electronics, including AC-DC circuits, passive networks, transient analysis, semiconductor device theory (transistors, diodes, integrated circuits), design of amplifiers and digital circuits. Use of integrated circuits (op-amps, switching circuits). Required laboratory.

**Prerequisite:** PHYS 251

## **PHYS 262 Electronics II**

**3 cr**

Logic design, computer circuits, microprocessors. Interfacing computers for data acquisitions and for control applications. Studies sensory devices and their use for data gathering. Required laboratory.

**Prerequisite:** PHYS 261 or department approval

## **PHYS 301 Mechanics I**

**3 cr**

The first of a two-part course for science majors and math majors wishing a course emphasizing mathematical applications: particle motion, rigid bodies, moving coordinate systems, two- and three-dimensional motion, systems of particles, continuous media.

**Prerequisite:** PHYS 252 and MATH 380

## **PHYS 302 Mechanics II**

**3 cr**

Studies Lagrange's equations, theory of small vibrations, generalized coordinates, introduction to tensors, and special relativity.

**Prerequisite:** PHYS 301

## **PHYS 303 Electricity and Magnetism I**

**3 cr**

Studies electrostatics, magnetic fields, electromagnetic properties of matter, conductivity, electrostatic and magnetic energy. The first of a two-part course.

**Prerequisite:** PHYS 252 and MATH 380

# PHYSICS

Chairperson: William Seeley, Ph.D.  
(413) 662-5457, wseeley@mcla.edu

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- PHYS 304 Electricity and Magnetism II** 3 cr  
Studies Maxwell's equations, electrodynamics.  
**Prerequisite:** PHYS 303
- PHYS 391 Methods of Experimental Physics I** 3 cr  
Supplements theory of other courses with detailed laboratory techniques and statistical treatment of experimental data. Use of current computer technology is integral. Required laboratory.  
**Prerequisite:** PHYS 302 and PHYS 304 (these courses may be taken concurrently)
- PHYS 392 Methods of Experimental Physics II** 3 cr  
Vacuum technology, lasers, holography, and use of current computer technology is integral. Required laboratory.  
**Prerequisite:** PHYS 391
- PHYS 401 Advanced Physics Laboratory I** 3 cr  
Studies laboratory techniques to supplement senior physics courses or work on special projects with departmental approval. Use of current computer technology is integral.  
**Prerequisite:** PHYS 392
- PHYS 402 Advanced Physics Laboratory II** 3 cr  
Continues Physics 401. Use of current computer technology is integral.  
**Prerequisite:** PHYS 401
- PHYS 451 Modern Physics I** 3 cr  
Studies the Bohr theory of the atom, harmonic oscillator, classical and modern analogs, relativistic transformations, and introduction to special relativity.  
**Prerequisite:** PHYS 302 and 304
- PHYS 452 Modern Physics II** 3 cr  
Studies special relativity, quantum mechanics, nuclear and elementary particle phenomena.  
**Prerequisite:** PHYS 451
- PHYS 460 Statistical Thermodynamics** 3 cr  
Studies statistical techniques applied to physical phenomena. Classical thermodynamics, statistical mechanics, kinetic theory of gases.  
**Prerequisite:** PHYS 301 and 304
- PHYS 461 Mathematical Physics I** 3 cr  
Presents mathematical methods of use in the solution of physical problems. Vector calculus and matrix techniques, complex variables, differential equations, transformations, distribution theory.  
**Prerequisite:** MATH 330
- PHYS 462 Mathematical Physics II** 3 cr  
Focuses on series and integrals, variational techniques, generalized coordinate systems, and generating functions.  
**Prerequisite:** PHYS 461
- PHYS 471 Quantum Mechanics I** 3 cr  
Studies inadequacy of classical mechanics; wave-particle quality, uncertainty principle; Schrodinger equation, expectation values; operator formalism, angular momentum; simple systems; simple harmonic oscillators and the hydrogen atom; matrix representation.  
**Prerequisite:** PHYS 301
- PHYS 472 Quantum Mechanics II** 3 cr  
Examines representation theory: Hilbert space, unitary transformations, canonical transformations, scattering, approximations, perturbation methods and variational methods, the WKB approximation, quantum statistics, many body system, electromagnetic interactions, the Dirac equation.  
**Prerequisite:** PHYS 471
- PHYS 480 Physics Seminar** 3 cr  
Discusses special physics topics of interest to students and faculty.  
**Prerequisite:** Department approval

# PHYSICS

Chairperson: William Seeley, Ph.D.  
(413) 662-5457, wseeley@mcla.edu

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## **PHYS 500 Directed Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.

**Prerequisite:** Junior/senior status; department approval

## **PHYS 510 Independent Research**

**1-3 cr**

Participation in research in physics under the direction of a member of the physics faculty in a specific area.

**Prerequisite:** Department approval

## **PHYS 540 Internship**

**3-15 cr**

Offers the upper-level physics major an opportunity to practice physics in an appropriate professional situation. The student will work with a faculty sponsor and an off-campus supervisor in gaining experience significant to the major.

**Prerequisite:** Department approval; junior/senior status

## PROGRAMS AVAILABLE

### **BACHELOR OF ARTS IN PSYCHOLOGY PSYCHOLOGY MINOR TEACHER LICENSURE**

#### **PSYCHOLOGY MAJOR PROGRAM**

The Department of Psychology offers a four-year program leading to a Bachelor of Arts in Psychology. Students study principles of human growth and development and the processes of learning, cognition, and emotion. Particular attention is given to knowledge related to personality development, maladaptive behavior, social diversity and group interactions, and the biological bases of behavior. The major provides the foundation for careers in human services and counseling, in business and industry, and in working with children, adolescents, and adults in schools or clinical settings. The major program also prepares students for graduate study in all areas of psychology, social work, business, education, and other related professions.

Students graduating with a degree in psychology will be able to:

- demonstrate knowledge of the following areas of psychology: developmental, abnormal, social, and research and statistical methodology;
- demonstrate competence in using a statistical package to analyze data and to present those results in APA manuscript style;
- communicate proficiently, both orally and in writing.

#### **Psychology Major Requirements**

PSYC 100	Introduction to Psychology	3 cr
Two of the following three courses:		6 cr
PSYC 210	Developmental Psychology	
PSYC 230	Social Psychology	
PSYC 270	Abnormal Psychology	
PSYC 290	Statistical Methods in Psychology	
PSYC 291	Research Methods in Psychology	
One of the following two courses:		4 cr
PSYC 360	Psychological Testing	
PSYC 390	Research Design and Analysis	
Two of the following five courses:		6 cr
PSYC 310	Cognitive Psychology	
PSYC 316	Behavior Analysis	
PSYC 331	Biological Psychology	
PSYC 350	Theories of Personality	
PSYC 370	Human Communication and Perception	
Two additional psychology courses at the 300-level or above		6 cr
One of the following three courses:		3 cr
PSYC 410	History of Psychology	
PSYC 499	Advanced Seminar in Psychology	
PSYC 550	Senior Thesis	
One year (or equivalent competency) of a foreign language		6 cr
BIOL 150	Foundations of Biology as one Code 31 course	<u>4 cr</u>

#### **TOTAL PSYCHOLOGY MAJOR REQUIREMENTS**

**38**

Specific career objectives may be pursued by selecting additional upper-division elective courses. Selections are to be made in consultation with the academic advisor.

# PSYCHOLOGY

Chairperson: James May, Ph.D.  
(413) 662-5465, [jmay@mcla.edu](mailto:jmay@mcla.edu)

## PSYCHOLOGY MINOR PROGRAM

The Psychology minor enables students to acquire a fundamental understanding of complex human behaviors.

### Psychology Minor Requirements

PSYC 100 Introduction to Psychology 3 cr

Two of the following three courses: 6 cr

PSYC 210 Developmental Psychology

PSYC 230 Social Psychology

PSYC 270 Abnormal Psychology

PSYC 290 Statistical Methods in Psychology 4 cr

PSYC 291 Research Methods in Psychology 4 cr

Two additional psychology courses at the 300-level or above 6 cr

**TOTAL PSYCHOLOGY MINOR REQUIREMENTS 23**

## TEACHER LICENSURE

Students majoring in psychology may opt to pursue initial teacher licensure as an early childhood teacher, or elementary teacher. These students will complete the psychology major and a licensure program in education in one of the two aforementioned areas of teacher licensure.

## SEMINARS, RESEARCH AND TOPICS COURSES, AND SENIOR THESIS

Seminars offered at the 200, 300, and 400 level allow students interested in advanced study or in pursuing graduate work in psychology or related fields to identify aspects of contemporary psychology of sufficient personal interest to support directed or independent scholarly work. Topics courses are offered to address special areas of psychology not included in the general curriculum. Students discovering such interests are encouraged to pursue them by enrolling in PSYC 397 Research Seminar, PSYC 391 Research Assistant, and PSYC 496 Research in Psychology and/or PSYC 500 Independent Study in Psychology. During the senior year, and with the approval of two faculty members, a student may then register for PSYC 550 Senior Thesis.

## COURSE LISTINGS

### PSYC 100 Introduction to Psychology 3 cr

Introduces students to the science of psychology, presenting the basic principles of mental processes and behavior. To introduce the process of empirical investigation, research participation is required.

**Prerequisite:** None

### PSYC 208 Applied Developmental Psychology 3 cr

Examines developmental theory and research from an applied perspective. Physical, cognitive, language, social, and emotional development from early childhood through adolescence will be covered with an emphasis on application. (Students cannot receive credit for both PSYC 208 and PSYC 210).

**Prerequisite:** PSYC 100 or CCSS 100

### PSYC 210 Developmental Psychology 3 cr

Examines the development of the child through adolescence, including neonatal and prenatal development. Major theories of physical, cognitive, and social development are discussed. The research methods and controversial issues in developmental psychology are emphasized. (Students cannot receive credit for both PSYC 210 and PSYC 208).

**Prerequisite:** PSYC 100, SOCI 100 or CCSS 100

### PSYC 230 Social Psychology 3 cr

Examines human social behavior emphasizing environmental and situational factors. Theoretical and applied issues are considered within selected topics.

**Prerequisite:** PSYC 100, SOCI 100, or CCSS 100

### PSYC 270 Abnormal Psychology 3 cr

Examines theoretical perspectives of maladaptive behavior and the concepts of stress, coping, normality, and abnormality. Emphasis on assessment, diagnosis, and treatment of psychological disorders of childhood, adolescence, and adulthood.

**Prerequisite:** PSYC 100 or CCSS 100

Chairperson: James May, Ph.D.  
(413) 662-5465, jmay@mcla.edu

# PSYCHOLOGY

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- PSYC 290 Statistical Methods in Psychology** 4 cr  
Introduces the nature of empirical investigation in psychology and the role of data analysis in psychological research. Emphasis on quantifying, analyzing, and interpreting data.  
**Prerequisite:** PSYC 100 and either Code 13 or MATH 232
- PSYC 291 Research Methods in Psychology** 4 cr  
A continuation of PSYC 290, integrating methodology and data analysis in psychological research. Mastery of course material will be demonstrated by a completed research project.  
**Prerequisite:** PSYC 290
- PSYC 299 Sophomore Seminar in Psychology** 3 cr  
Introduces and explores empirical research, theory, and applications in selected areas of psychology. Emphasis will be placed on library research and class discussion. Critical reading and analysis skills will be assessed through several papers and presentations.  
**Prerequisite:** PSYC 100
- PSYC 310 Cognitive Psychology** 3 cr  
Studies knowing, learning, thinking, and language. Topics include theories of cognition, language, attention, problem solving, memory, consciousness, and creative thinking.  
**Prerequisite:** PSYC 291
- PSYC 316 Behavior Analysis** 3 cr  
Examines the interplay between behavioral and environmental variables. Topics include reinforcement, punishment, stimulus control, imitative control, and instructional control.  
**Prerequisite:** PSYC 291
- PSYC 320 Ergonomics and the Environment** 3 cr  
Examines the process involved in our efforts to design products and environments that optimally serve their intended use. Emphasis on research carried out to develop basic principles for application in the ergonomic design processes.  
**Prerequisite:** PSYC 291, 200-level math course, or one ENVI Foundations course
- PSYC 325 Environmental Psychology** 3 cr  
Examines the relationship between the natural and built physical environment from a multidisciplinary perspective. Focuses on the behavioral effects of spatial design, noise, privacy, personal space, and climate.  
**Prerequisite:** One 200-level PSYC, SOCI, or Tier II CCSS course
- PSYC 331 Biological Psychology** 3 cr  
Examines the relationships between brain function and behavior using concepts from psychology and biology. Topics include motivation and emotion, learning and memory, sensory systems and perception, language disabilities, and mental disorders.  
**Prerequisite:** PSYC 291, BIOL 150
- PSYC 332 Drugs and Human Behavior** 3 cr  
Examines the use and abuse of drugs from biological, psychological, and cultural points of view. Addresses contemporary efforts in education, prevention, and treatment of abuse.  
**Prerequisite:** One 200-level PSYC, BIOL or CHEM course
- PSYC 335 Organizational Psychology** 3 cr  
Emphasizes the application of psychological theory and techniques to the management of behavior in structured organizations. Focuses on the concepts of motivation, leadership, and interpersonal and group process.  
**Prerequisite:** One of 200-level PSYC, SOCI, BADM or Tier II CCSS course
- PSYC 340 Psychology of Children with Special Needs** 3 cr  
Examines the special needs of children, the methods used to determine these needs, and the procedures used to meet these needs.  
**Prerequisite:** PSYC 210
- PSYC 350 Theories of Personality** 3 cr  
Examines classical and contemporary approaches to personality theory. Emphasizes application and empirical support for theoretical positions.  
**Prerequisite:** PSYC 291

# PSYCHOLOGY

Chairperson: James May, Ph.D.  
(413) 662-5465, [jmay@mcla.edu](mailto:jmay@mcla.edu)

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## **PSYC 355 Human Sexuality**

**3 cr**

Examines the field of human sexuality from psychological, biological, and sociological perspectives. In covering a wide range of contemporary topics, emphasis is on empirical, verifiable scientific information.

**Prerequisite:** 200-level PSYC course or Tier II CCSS course

## **PSYC 356 The Psychology of Gender**

**3 cr**

Focuses on the similarities and differences between males and females, masculinity and femininity. Explores the origins and maintenance of gender stereotypes and their consequences.

**Prerequisite:** 200-level PSYC course or Tier II CCSS course

## **PSYC 357 Psychology of Women**

**3 cr**

Explores psychological and sociocultural issues concerning women in our society. Women's experiences will be covered in areas that are stereotypically thought of as male-oriented as well as those more exclusive to females.

**Prerequisite:** One 200-level PSYC course or Tier II CCSS course

## **PSYC 360 Psychological Testing**

**4 cr**

Studies theoretical and applied aspects of psychological testing. Examines standardized tests of ability and personality, business and industrial testing, and personnel selection. Mastery of course material will be demonstrated by administration, interpretation, and writing of psychological reports.

**Prerequisite:** PSYC 291

## **PSYC 370 Human Communication and Perception**

**3 cr**

Presents an information processing approach to how we perceive and communicate about the world. Also examines our acquisition and use of language, as well as societal influences on perception and thought.

**Prerequisite:** PSYC 291

## **PSYC 375 Health Psychology**

**3 cr**

Studies health and illness within the conceptual and methodological context of psychology, epidemiology, development, neuroscience, and behavioral medicine. Examines and contrasts medical, psychological, and alternative models of disease and wellness.

**Prerequisite:** PSYC 291 or instructor approval

## **PSYC 380 Educational Psychology**

**3 cr**

Studies the conditions and theories of classroom learning. Scope: instructional objectives, task analysis, conditioning, concept and rule learning, problem solving, memory, transfer, and motivation.

**Prerequisite:** 200-level PSYC, EDUC or Tier II CCSS course

## **PSYC 386 Adolescent Development**

**3 cr**

Examines the cognitive, social, emotional, and physical development of the adolescent from a psychological perspective. Psychological and social problems that may arise during adolescence are discussed.

**Prerequisite:** One 200-level PSYC course

## **PSYC 387 Childhood Disorders**

**3 cr**

Examines the etiology and clinical characteristics of behavioral disorders in infancy through adolescence, including emotional disturbances, anxiety and conduct disorders, mental retardation and learning disabilities. Emphasis on theoretical perspectives, research, assessment, early intervention and prevention.

**Prerequisite:** PSYC 210

## **PSYC 388 Adulthood and Aging**

**3 cr**

Examines cognitive, social, emotional, and physical development during adulthood from a psychological perspective. Studies the impact of an increased lifespan on society and concludes with a psychological examination of death and dying.

**Prerequisite:** One 200-level PSYC course

## **PSYC 390 Research Design and Analysis**

**4 cr**

Focuses on advanced methodology, data analysis, and interpretation in psychological research. A research project is required.

**Prerequisite:** PSYC 291

Chairperson: James May, Ph.D.  
(413) 662-5465, jmay@mcla.edu

# PSYCHOLOGY

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- PSYC 391 Research Assistant in Psychology** **1-3 cr**  
Provides the opportunity for students to assist a faculty member in empirical research. Particular tasks may include: data collection, data analysis, and conducting experiments. Credit will be determined by the instructor following consultation with the student. May be repeated up to a maximum of six credits.  
**Prerequisite:** 200-level PSYC course, instructor approval
- PSYC 397 Research Seminar in Psychology** **3 cr**  
Applies research design and practice to selected problems. Includes literature review, deriving and empirically testing hypotheses. Requirements involve preparation of laboratory and other research materials, recruitment of participants, and collection, analysis, and interpretation of resulting data. Culminates in preparation and submission of a complete report of the research project.  
**Prerequisite:** PSYC 291
- PSYC 399 Honors Seminar in Psychology** **3 cr**  
Surveys and critically examines selected areas and issues in psychology. Emphasizes multidisciplinary and interdisciplinary approaches to the topics selected for study. Designed for junior and senior majors intending graduate study in psychology, the seminar requires students to develop a program of reading, give oral presentations, and complete a literature review paper.  
**Prerequisite:** PSYC 291
- PSYC 410 History of Psychology** **3 cr**  
Examines the development of psychology as a science, an academic discipline, and a profession. Includes a comparative analysis of major contemporary theories in psychology.  
**Prerequisite:** PSYC 291 and completion of 9 upper-division credits in psychology
- PSYC 440 Counseling Methods in Psychology** **3 cr**  
Studies techniques applicable in the helping services and counseling. Theories of counseling and basic psychotherapy will be reviewed. Experiential sessions will demonstrate established theories.  
**Prerequisite:** PSYC 270, PSYC 350, and instructor approval
- PSYC 460 Human Behavior in Cross-Cultural Perspective** **3 cr**  
Examines similarities and differences in human behavior across cultural contexts. Includes study of socialization practices, interpersonal behavior patterns, personality variables and cognitive processes.  
**Prerequisite:** One 200-level PSYC course and PSYC 350 or instructor approval
- PSYC 470 Teaching Assistant in Psychology** **1-3 cr**  
The student will assist in the preparation and implementation of a psychology course.  
**Prerequisite:** Department approval
- PSYC 495 Special Topics in Psychology** **3 cr**  
Explores one or more special topics in psychology. Topic will be specified when the course is offered.  
**Prerequisite:** Department approval
- PSYC 496 Research in Psychology** **3 cr**  
For junior and senior psychology majors who desire to conduct research on a specific problem in psychology. The research project will be carried out under the direction of the instructor and will require a scholarly report of the research. Repeat for credit with permission of the instructor.  
**Prerequisite:** Department approval
- PSYC 499 Advanced Seminar in Psychology** **3 cr**  
An intensive examination of a selected topic in psychology. Mastery of the seminar material will be assessed by the completion of an APA-style paper.  
**Prerequisite:** PSYC 291 and completion of 9 upper-division credits in psychology
- PSYC 500 Independent Study** **1-3 cr**  
Open to juniors and seniors who wish to read in a given area or to study a topic in depth. Written reports and frequent conferences with the advisor are required.  
**Prerequisite:** Junior/senior status, department approval



# PSYCHOLOGY

Chairperson: James May, Ph.D.  
(413) 662-5465, [jmay@mcla.edu](mailto:jmay@mcla.edu)

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## **PSYC 540 Psychology Internship**

**3-15 cr**

Provides opportunities in a variety of public agencies and private organizations to gain practical experience and to develop skills in applying psychological theories, principles, methods, and techniques to the management of problems of human development, thought, adjustment, and behavior.

**Prerequisite:** PSYC 440 or approved upper-division psychology electives and department approval

## **PSYC 550 Senior Thesis**

**3 cr**

For senior psychology majors who desire to complete a formal thesis on a significant topic in psychology.

**Prerequisite:** PSYC 496 or PSYC 500, presentation of a thesis prospectus, and approval of two members of the department faculty

# SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK

## PROGRAMS AVAILABLE

**BACHELOR OF ARTS IN SOCIOLOGY  
 ANTHROPOLOGY MINOR  
 CRIMINAL JUSTICE MINOR  
 HEALTH, AGING AND SOCIETY MINOR  
 SOCIAL WORK MINOR  
 SOCIOLOGY MINOR  
 TEACHING LICENSURE**

### **SOCIOLOGY, ANTHROPOLOGY, SOCIAL WORK MAJOR PROGRAM**

The Department of Sociology, Anthropology, and Social Work offers a four-year program leading to a Bachelor of Arts in Sociology. The program emphasizes both scientific and humanistic methods of inquiry in the study of dynamics within families, delinquent gangs, factory work groups, high technology industries, social classes, and other groups. Students are encouraged to integrate formal instruction with supervised activities outside the classroom such as internships and practica in social agencies, research in the local community, service learning experiences, or attendance at professional meetings. Students may specialize in studying such areas as anthropology, sociology, social work, health and aging, or criminal justice. Programs available to majors can lead to graduate training in sociology, anthropology, social work, counseling, public health, law, and related disciplines. Many graduates pursue careers in such fields as counseling, corrections, health services, rehabilitation, urban planning, social research, management, personnel, and sales.

Students graduating with a major in Sociology will:

- be prepared for relevant careers;
- be prepared for relevant graduate study;
- acquire a sociological perspective and understanding of key concepts;
- understand the centrality of race, class, gender, and other types of inequality;
- identify and appreciate values central to supporting needs of people in the community, region, nation, and world;
- interpret data (quantitative or qualitative) analytically and descriptively, and utilize computers where appropriate;
- apply sociological knowledge through internships, service learning, or relevant volunteer work.

### **Sociology Major Requirements**

SOCI	100	Introduction to Sociology	3 cr
ANTH	130	Introduction to Sociocultural Anthropology	3 cr
		or ANTH 140 Peoples of the World	
SOCI	331	Methods of Social Research	3 cr
		Three sociology electives, two of which must be 300-400 level courses	9 cr
		Six departmental electives	<u>18 cr</u>

### **TOTAL SOCIOLOGY MAJOR REQUIREMENTS**

**36**

### **ANTHROPOLOGY MINOR PROGRAM**

The anthropology minor allows students to explore a range of areas in anthropology or to concentrate in cultural/ethnographic studies or in applied/medical anthropology. The minor in anthropology requires 18 credit hours, at least 15 credit hours of which must be earned in classroom courses. (A sociology major completing the anthropology minor may apply only ANTH 130 or ANTH 140 to both programs.)

### **Anthropology Minor Requirements**

ANTH	130	Introduction to Sociocultural Anthropology	3 cr
		or ANTH 140 Peoples of the World	
		Any Ethnology course: ANTH 260-275	3 cr
		Two 300-500 level anthropology electives	6 cr
		Two other anthropology electives	<u>6 cr</u>

### **TOTAL ANTHROPOLOGY MINOR REQUIREMENTS**

**18**

# SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK

Chairperson: Myles Whitney, Ph.D.  
(413) 662-5478, mwhitney@mcla.edu

## CRIMINAL JUSTICE MINOR PROGRAM

The criminal justice minor offers students an introduction to correctional counseling or law enforcement based on a liberal arts foundation and capped by a field placement experience. The minor consists of 18 credit hours. Courses other than SOCI 100, Introduction to Sociology cannot be used toward the major in Sociology or any other minor in the Department of Sociology, Anthropology, and Social Work. All students must take 12 credit hours of Foundation Courses and 6 credit hours in one of the two tracks.

### Foundation Courses

SOCI 100	Introduction to Sociology	3 cr
SOCI 540	Internship	3 cr
or SOWK 540	Internship	

Choose two of the following: 6 cr

SOCI 351	Criminology
SOCI 352	Juvenile Delinquency
SOCI 355	Law and Society

**TOTAL FOUNDATION COURSES** **12**

## CORRECTIONAL TREATMENT TRACK

Foundation Courses 12 cr

Choose two of the following: 6 cr

SOWK 348	Social Work Skills
SOWK 350	Social Group Work
SOWK 395	Special Topics in Social Work
SOWK 442	Social Casework
SOWK 452	Social Work with Juvenile Delinquents

**TOTAL CRIMINAL JUSTICE MINOR CORRECTIONAL TRACK REQUIREMENTS** **18**

## LAW ENFORCEMENT TRACK

Foundation Courses 12 cr

Choose two of the following: 6 cr

SOCI 201	Social Problems
SOCI 282	Deviant Behavior
SOCI 395	Special Topics in Sociology
POSC 304	Constitutional Law

Any of the following if not taken for foundation courses above:

SOCI 351	Criminology
SOCI 352	Juvenile Delinquency
SOCI 355	Law and Society

**TOTAL CRIMINAL JUSTICE MINOR LAW ENFORCEMENT TRACK REQUIREMENTS** **18**

## HEALTH, AGING, AND SOCIETY MINOR PROGRAM

The health, aging, and society minor enables students to receive a grounding in the social scientific perspective and issues of aging and of health. The minor consists of 18 credit hours.

### Health, Aging and Society Minor Requirements

Six courses from the following lists 18 cr  
with at least two from each focus

#### Aging Focus

SOCI 260	Sociology of Aging
SOCI 335	Health and Aging
SOCI 336	Death and Dying
PSYC 388	Adulthood and Aging

#### Health Focus

ANTH 345	Culture, Health and Illness
ANTH 346	Stigma and Disability
SOWK 380	Women and Health
PSYC 355	Human Sexuality
PSYC 357	Psychology of Women

Option to replace one course in this program with:

SOWK 540 Social Work Internship

**TOTAL HEALTH, AGING AND SOCIETY MINOR REQUIREMENTS** **18**

## SOCIAL WORK MINOR PROGRAM

The social work minor provides students with a sound introduction to the history of the field as well as to the major approaches and skills used by social workers. The minor consists of 18 credit hours of which three credits are for field work. (A sociology major completing the social work minor may apply only SOCI 100, Introduction to Sociology, to both programs.)

### Social Work Minor Requirements

SOCI 100	Introduction to Sociology	3 cr
SOWK 241	Introduction to Social Work	3 cr
SOWK 348	Social Work Skills	3 cr
SOWK 540	Social Work Internship	3-15 cr
Two 300-400 level social work electives		<u>6 cr</u>

**TOTAL SOCIAL WORK MINOR REQUIREMENTS** **18-30**

Chairperson: Myles Whitney, Ph.D.

(413) 662-5473, mwhitney@mcla.edu

# **SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK**

## **SOCIOLOGY MINOR PROGRAM**

The sociology minor allows students to examine a range of areas of sociological interest or to concentrate in an area such as crime and delinquency or social gerontology. The minor requires 18 credit hours, at least 15 of which must be completed in the classroom.

### **Sociology Minor Requirements**

SOCI 100	Introduction to Sociology	3 cr
SOCI 312 or SOCI 331 or SOCI 341	Sociological Theory Methods of Social Research Social Stratification	3 cr

Two 300-500 level sociology electives	6 cr
Two other sociology electives	<u>6 cr</u>

**TOTAL SOCIOLOGY MINOR REQUIREMENTS 18**

## **TEACHING LICENSURE**

Students majoring in sociology may opt to pursue initial teacher licensure as an early childhood teacher or elementary teacher. These students will complete the sociology major and a licensure program in education.

## **PRACTITIONER SERIES COURSES**

The Social Work and Criminal Justice Practitioner Series utilizes the rich experience of leading area professionals to present courses in specialty areas not covered in the general curriculum. Practitioners provide a mix of theory and practical wisdom developed over years of experience. These are evident as they teach courses in their areas of specialization (e.g., child welfare, mental health, corrections).

## **COURSE LISTINGS**

### **ANTH 130 Introduction to Sociocultural Anthropology**

**3 cr**

Introduces students to the basic concepts, theories, and methodologies of sociocultural anthropology. Creates an awareness of the wide spectrum of cultural variation throughout the world. Demonstrates that through the study of anthropology, we may gain an understanding of not only "exotic" cultures but also of our own sociocultural experience.

**Prerequisite:** None

### **ANTH 140 Peoples of the World**

**3 cr**

Examines the way of life of selected societies in various parts of the world. Explores patterns in human cultures as well as the uniqueness of particular societies. Considers whether or not it is possible to truly understand a culture other than one's own.

**Prerequisite:** None

### **ANTH 264 Peoples and Issues in Africa**

**3 cr**

Focuses on the ethnic, cultural, religious, and politico-economic diversity in select regions of Africa, as representative of the kinds of differences found throughout the continent. Addresses the history of colonial penetration, the impact it had in various parts of Africa and in the African diaspora, and the complex interplay between indigenous cultures and their values and the exigencies of the modern nation state.

**Prerequisite:** ANTH 130 or ANTH 140

### **ANTH 265 Peoples and Cultures of the Middle East**

**3 cr**

Exposes students to a variety of lifestyles in the Middle East through an examination of ecology, gender, kinship, stratification, religion, and ethnicity. Considers the cultural perspectives of the powerful and the weak under colonialism and in post-colonial situations. Addresses topical issues such as oil wealth and labor migration, terrorism, fundamentalism, and nationalism.

**Prerequisite:** ANTH 130 or ANTH 140 or instructor approval

### **ANTH 266 Ethnology of China**

**3 cr**

Compares patterns of life in prerevolutionary China with those that have emerged since the Revolution of 1949. Examines areas targeted for change by socialist leaders such as patriarchal attitudes and structures, distribution of wealth, and availability of health care. Evaluates current trends toward rapid industrialization and democratization.

**Prerequisite:** ANTH 130 or ANTH 140 or instructor approval

# **SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK**

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## **ANTH 275 The Caribbean**

**3 cr**

Explores diverse aspects of life and culture in the Caribbean, focusing on the following themes: colonial history of the Caribbean and the rise of plantation culture; gender and family life; the economic situation; industry and commerce; religion and life cycles; education; health care and access to medical services; democratization and political activism, such as the rise of Rastafarianism; ethnic identity and conflict.

**Prerequisite:** ANTH 130 or ANTH 140

## **ANTH 342 Anthropology in Service to the Community**

**3 cr**

Brings the knowledge, skills, and perspectives of anthropology to help solve human problems. Centers around the idea of the civic arts -- learning how to form dialogue, bridge differences, build coalitions, and participate in social action -- as crucial tools for service learning. Crafts proposals for partnerships with community organizations. Provides evaluative frameworks for critically assessing values that contribute to the building of healthy communities.

**Prerequisite:** ANTH 130 or ANTH 140

## **ANTH 345 Culture, Health and Illness**

**3 cr**

Compares medical beliefs and practices in Western and non-Western societies. Examines cultural beliefs, social behaviors, and economic and environmental factors that influence susceptibility to disease. Addresses issues concerning patient-doctor communication and psychosocial management of illness.

**Prerequisite:** ANTH 130 or ANTH 140

## **ANTH 346 Stigma and Disability**

**3 cr**

Examines the concept of stigma and its application to individuals with physical, mental, and emotional disabilities in American culture and evaluates the impact of stigma on interpersonal encounters between the disabled and the able bodied. Examines adaptive strategies and destigmatization processes.

**Prerequisite:** ANTH 130 or ANTH 140 or SOCI 100

## **ANTH 350 Anthropology of Religion**

**3 cr**

Focuses on the contribution of non-Western thought to the development of religion in human culture and to the role of religion in human society. Provides a cross-cultural view of basic elements in the supernatural experience in order to foster a broad understanding of religious belief systems. Considers factors that contribute to religious change and the emergence of new religions.

**Prerequisite:** ANTH 130 or ANTH 140 or SOCI 100

## **ANTH 352 Anthropology of Environmentalism**

**3 cr**

Examines economic and cultural dimensions of environmental movements. Explores the impact of technology, religious belief, survival strategies and global capitalism. Examines environmental justice, environmental racism, grassroots organizing, and political action and coalition building, identifying ways in which anthropology can generate a useful critique of environmental movements.

**Prerequisites:** ANTH 130 or ANTH 140

## **ANTH 365 Sex Roles and Society**

**3 cr**

Examines the roles and status of women and men in Western and nonwestern societies, treating gender as a social construct rather than a biological given. Considers theories about the bases of sexual inequality and the relationship between gender and other social hierarchies. Investigates how cultural notions of gender influence an individual's religious, political, sexual, and familial experiences.

**Prerequisite:** ANTH 130 or ANTH 140

## **ANTH 370 Culture, Power, and Protest**

**3 cr**

Compares the forms of resistance practiced by oppressed groups in a variety of societies. Considers the assumptions that have influenced researchers' assessments of social action. Emphasizes that numerous cultural practices, ranging from religious rites to oratory to spirit possession, have political implications.

**Prerequisite:** ANTH 130 or ANTH 140

## **ANTH 395 Special Topics in Anthropology**

**3 cr**

A course or seminar for students who have taken a substantial number of anthropology courses. Such courses or seminars may explore any of a variety of topics concerning social anthropology, physical anthropology, archeology, applied anthropology, or linguistics, or courses in theory and method.

**Prerequisite:** ANTH 130 or ANTH 140 and additional prerequisites to be announced

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(413) 662-5473, mwhitney@mcla.edu AND SOCIAL WORK**

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- ANTH 499 Teaching Assistantship in Anthropology** 3 cr  
Supervised lecture organization, presentation and preparation of examinations. Teaching Assistants should have completed a minimum of five courses in anthropology with a combined GPA of at least 3.0 and an overall GPA of at least 2.75.  
**Prerequisite:** ANTH 130 or ANTH 140, junior/senior status, and department approval
- ANTH 500 Independent Study** 1-3 cr  
Open to juniors and seniors who wish to read in a given area or to study a topic in depth under the direction of an anthropologist. Requires written reports and frequent conferences with the advisor.  
**Prerequisite:** Junior/senior status; department approval
- ANTH 540 Anthropology Internship** 3-15 cr  
Placement of advanced students in public or private organizations that actively apply anthropology, archeology, or ethnohistory as part of their work routine. Internships may be developed in such areas as interethnic services, cultural resource management, museum work, local history, etc. Internships are awarded from 3 to 15 credits per semester depending on the extent of student involvement.  
**Prerequisite:** Junior/senior status; ANTH 130 or ANTH 140; six semester hours of related courses at 200 level or above; department approval
- SOCI 100 Introduction to Sociology** 3 cr  
Introduces the major concepts and methods of sociology. Examines the elements of social organization, sociological approaches to the analysis of groups, and the relationships among the major institutions of society.  
**Prerequisite:** None
- SOCI 201 Social Problems** 3 cr  
Studies problems and disorganization in modern industrial society such as: poverty, racism, sexism, environmental pollution, militarism, and family issues.  
**Prerequisite:** SOCI 100
- SOCI 212 Urban Sociology** 3 cr  
Studies patterns of growth and development of urban areas with a focus on ecological forces, their interplay, and the patterns of urban location resulting from them. Explores the social organization of urban areas, urban life styles, urban problems, and rural and suburban areas.  
**Prerequisite:** SOCI 100
- SOCI 260 Sociology of Aging** 3 cr  
Examines the historical and cultural perspectives on the aging process, analyzes the connection between culture, environment, and behavior for the elderly as well as other age groups, and evaluates policies and programs developed for the elderly in the United States.  
**Prerequisite:** SOCI 100
- SOCI 282 Deviant Behavior** 3 cr  
Analyzes social definitions of deviance, responses to deviance, and explanations of the causes of deviance. Examines drug and alcohol use and abuse, mental illness, sexual difference, and other issues frequently treated as deviant.  
**Prerequisite:** SOCI 100
- SOCI 291 Marriage and Family** 3 cr  
Investigates the contemporary American family, emphasizing such areas as family change, sex roles, courtship, husband-wife relationships, parenthood and, family breakdown. Special attention is paid to the impact of changing societal values on family life.  
**Prerequisite:** SOCI 100
- SOCI 295 Social Change and the Future** 3 cr  
Analyzes change in social institutions and societies. Focuses on social movements and revolutions in historical and comparative perspective. Considers how our understanding of social change helps us in predicting the future and making sense of issues that are likely to arise.  
**Prerequisite:** SOCI 100

# **SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK**

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## **SOCI 301 Sociology of Business**

**3 cr**

Analyzes business as a social institution and the causes and consequences of business decision-making. Studies historical shift in the United States from small to big business, corporate organization and culture, the social background of corporate leadership, and business-state evaluations of ethical issues.

**Prerequisite:** SOCI 100 or ECON 141 or ECON 142

## **SOCI 304 Social History of North Adams**

**3 cr**

Examines the ethnic and class history of North Adams, and Northern Berkshire, starting with the second half of the 19<sup>th</sup> century. Investigates the industrial development of the community, the experience of the Depression, and the growth of Sprague Electric company as the dominant employer. Concludes by reviewing the post-industrial changes in the area, the establishment of MASSMoCA and prospects for the future.

**Prerequisite:** HIST 203 or 204 or SOCI 100

## **SOCI 312 Sociological Theory**

**3 cr**

Explores the meaning of theory and its utility in the sociological enterprise. Examines the contributions of the classical theorists -- Comte, Marx, Durkheim, Spencer, Weber, and Simmel -- as well as the more contemporary contributions of Parsons, Merton, Goffman, Dahrendorf and the neo-Marxists to the development of sociological theory.

**Prerequisite:** SOCI 100 and two sociology electives

## **SOCI 321 Minority Groups**

**3 cr**

Analyzes the relationship between dominant and minority groups, theories of prejudice and discrimination, and ways of reducing intergroup conflict and tensions.

**Prerequisite:** SOCI 100

## **SOCI 322 Population**

**3 cr**

Studies population concepts, trends, and principles, social consequences of population changes, and issues of population policy at the national and international levels.

**Prerequisite:** SOCI 100

## **SOCI 331 Methods of Social Research**

**3 cr**

Examines scientific methods commonly used in the study of social phenomena as well as ethical and political issues related to the research process. Explores the various steps of research design, data collection (questionnaire construction, interviewing, observation, content analysis), and data analysis.

**Prerequisite:** SOCI 100 and at least two sociology electives

## **SOCI 335 Health and Aging**

**3 cr**

Studies the relationship between medical sociology and social gerontology, basic health and aging concerns of older people, and the aging process from biological and social perspectives.

**Prerequisite:** SOCI 100

## **SOCI 336 Death and Dying**

**3 cr**

Analyzes social and cultural influences on the meanings of death, the process of dying, near death experiences, grief/bereavement, caring relationships, and ethical and medical issues.

**Prerequisite:** SOCI 100

## **SOCI 337 Aging and the Life Course**

**3 cr**

Examines the changes in social roles and relationships that occur as people move through the life course. Considers the social forces that influence the individual aging experience and explores the relationship between the quality of life in old age and an individual's cumulative experiences, choices, constraints, and opportunities over the life course. Includes adult development and life course transitions, caring for frail elderly, old age and the welfare state, as well as the economics of aging, aging policy and the economy, and aging and inequality.

**Prerequisite:** SOCI 100 and junior/senior status

## **SOCI 341 Social Stratification**

**3 cr**

Explores and analyzes stratification systems, theories of stratification, social mobility, types of inequality, methods of measuring inequality, and the impact of inequality upon life style and personality.

**Prerequisite:** SOCI 100

- SOCI 350 Sociology of Work** **3 cr**  
Studies work, work relationships, and the workplace, with emphasis on the United States. Examines the deskilling of work, both blue and white collar; the role of unions and rank and file movements; ideologies of work and management; and the possibility of industrial democracy in different social systems.  
**Prerequisite:** SOCI 100 or BADM 362 or BADM 365 or PSYC 335
- SOCI 351 Criminology** **3 cr**  
Studies the nature of crime and theories of criminal behavior; operation of courts, police systems, and correctional institutions; probation, parole, and crime prevention.  
**Prerequisite:** SOCI 100
- SOCI 352 Juvenile Delinquency** **3 cr**  
Analyzes patterns of delinquent behavior in children and adolescents; institutional and community efforts aimed at control, treatment, and rehabilitation.  
**Prerequisite:** SOCI 100
- SOCI 355 Law and Society** **3 cr**  
Analyzes the development of law in complex societies, its functions, and the social forces that influence rule-making and rule-sanctioning institutions. Examines the workings of legislatures, courts, and executive and administrative agencies as well as the role performance of legal practitioners - legislators, judges, and lawyers.  
**Prerequisite:** SOCI 100
- SOCI 360 Women, Movies, and MTV (music television)** **3 cr**  
Addresses sociological and social work accounts of the lived experiences of women in American society including special populations such as survivors of rape, spouse abuse, incest, and mental illness. Compares these accounts to historical and cultural depictions of women in movies and MTV. Examines the images of women in film as a powerful form of cultural conditioning.  
**Prerequisite:** SOCI 100
- SOCI 395 Special Topics in Sociology** **3 cr**  
A course or seminar for students who have taken a substantial number of sociology courses. Such courses or seminars may explore any of a variety of topics concerning social groups, social institutions, social interaction patterns, or any of the vast array of topic areas dealt with by sociologists.  
**Prerequisite:** SOCI 100 and additional prerequisites to be announced
- SOCI 420 Community Development** **3 cr**  
Involves students in studying ongoing and completed community and economic development projects in the region in order to understand community development processes and how local communities determine needs and prepare and carry out projects to meet those needs.  
**Prerequisite:** SOCI 100 and instructor approval
- SOCI 432 Doing Sociology: Workshop in Research Methods** **4 cr**  
Provides experience in designing and carrying out an applied community or institutional research project. Involves practical application of research techniques and includes: a review of the literature, questionnaire construction, interviewing/data gathering, coding, and data analysis.  
**Prerequisite:** SOCI 100, SOCI 331, and department approval
- SOCI 433 Special Topics in Research Methods** **4 cr**  
Examines in depth some aspect(s) of the research process. Such courses may explore study design, data collection, field methods, examination of quantitative analyses using computers and existing social data sets, or other research topics.  
**Prerequisite:** SOCI 100, SOCI 331, and department approval
- SOCI 499 Teaching Assistantship in Sociology** **3 cr**  
Supervised lecture organization, presentation, and preparation of examinations for students considering teaching sociology. Teaching Assistants should have completed a minimum of eight courses in the major with a combined GPA of at least 3.0 and an overall GPA of 2.75.  
**Prerequisite:** SOCI 100, junior/senior status, and department approval



# **SOCIOLOGY, ANTHROPOLOGY, AND SOCIAL WORK**

Chairperson: Myles Whitney, Ph.D.  
(413) 662-5478, mwhitney@mcla.edu

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**SOCI 500 Independent Study** **1-3 cr**  
Open to juniors and seniors who wish to read in a given area or to study a topic in depth under the direction of a sociologist. Requires written reports and frequent conferences with the advisor.  
**Prerequisite:** Junior or senior status; department approval

**SOCI 540 Sociology Internship** **3-15 cr**  
Placement in public or private organizations that apply knowledge and approaches from the social sciences. Internships are available in such areas as community development, the court system, legal aid offices, labor unions, personnel departments, and governmental bureaus. Internships are awarded from 3-15 credits per semester depending on the extent of student involvement.  
**Prerequisite:** Junior/senior status, six semester hours of related course work at the 200 level or above, department approval

**SOWK 241 Introduction to Social Work** **3 cr**  
Studies the history of social welfare in America, major current social welfare programs, the profession of social work, social service settings, and the social work methods of casework, group work, and community organization.  
**Prerequisite:** SOCI 100

**SOWK 340 Social Welfare Policy** **3 cr**  
Examines the current array of social welfare programs as expressions of American values. Uses social insurance and public assistance programs as case illustrations for review of issues of policy development, effectiveness, and contemporary trends. Special attention will be paid to the experience of social welfare recipients.  
**Prerequisite:** SOCI 100, recommended SOWK 241

**SOWK 348 Social Work Skills** **3 cr**  
Focuses on fundamental social service skills such as establishing working/helping relationships, interviewing, listening, distinguishing content and process, recording, contracting, professional values, and termination work.  
**Prerequisite:** SOCI 100, recommended SOWK 241

**SOWK 350 Social Group Work** **3 cr**  
Examines social group work in a theoretical and experiential perspective. Involves students in learning about groups and participating in leading groups.  
**Prerequisite:** SOCI 100, recommended SOWK 348

**SOWK 355 Community Organization** **3 cr**  
Explores community organization as a means of empowering citizens to make successful changes in their lives. Involves the study of the theory of community organization and participation in projects offering a chance to learn about community organization while doing it.  
**Prerequisite:** SOCI 100, recommended SOWK 348

**SOWK 375 Family Violence** **3 cr**  
Examines violence within contemporary American families through the lenses of gender, culture, and age. Emphasis is placed on the physical and sexual abuse of women and children. We explore theory, research, and solutions from the fields of social work, sociology, psychology, and feminism.  
**Prerequisite:** SOCI 100

**SOWK 380 Women and Health** **3 cr**  
Focuses on issues related to women's health status in the U.S. and around the world. Examines topics such as: female sexuality, reproduction and fertility management, eating disorders, victims of sexual abuse, women as health care practitioners, the impact of modern medical technology, and the influence of the women's health movement in encouraging self-responsibility.  
**Prerequisite:** SOCI 100 or ANTH 130 or ANTH 140

**SOWK 382 Social Work Administration** **3 cr**  
Studies the role of administrators and other staff in agency organization and operation; interaction of agency, community, and consumer; boards of directors; processes of planning, budgeting, policy determination, personnel and program management, staff development, organizational and interpersonal conflict, and managerial burnout.  
**Prerequisite:** SOCI 100, recommended SOWK 241

**SOWK 395 Special Topics in Social Work**

**3 cr**

A course or seminar for students who have taken a substantial number of social work/social service courses. Such courses or seminars may explore any of a variety of topics concerning casework, group work, community organization, social planning, social policy or other courses which deal with techniques or theory related to social work/social service practice.

**Prerequisite:** SOCI 100 and additional prerequisites to be announced

**SOWK 442 Social Casework**

**3 cr**

Examines casework practice theory and methodologies as applied in a variety of social service settings. Focuses on the psychosocial framework of study, assessment, and treatment of client problems. Explores casework with special populations such as children, teenagers, and depressed and suicidal clients.

**Prerequisite:** SOCI 100 and SOWK 348

**SOWK 443 Casework with Couples and Families**

**3 cr**

Explores clinical practice with family problems. Examines the ways in which environmental, social, economic, psychological, and institutional pressures help create and exacerbate family dysfunction, and the integration of this understanding into skilled intervention with families.

**Prerequisite:** SOWK 348 and SOWK 442

**SOWK 452 Social Work with Juvenile Delinquents**

**3 cr**

Examines research and practice in the prevention and treatment of juvenile delinquency. A review of perspectives on delinquency causation is followed by the presentation of current intervention methods and direct exposure via field trips, speakers, and videotapes to those methods in practice settings.

**Prerequisite:** SOCI 100, SOCI 352, recommended SOWK 241

**SOWK 500 Independent Study**

**1-3 cr**

Open to juniors and seniors who wish to read in a given area or to study a topic in depth under the direction of a social worker. Requires written reports and frequent conferences with the advisor.

**Prerequisite:** Junior or senior status and department approval

**SOWK 540 Social Work Internship**

**3-15 cr**

Placement in social or human service agencies. Internships are available in counseling, advocacy, outreach, organizing, planning, and the administering of social programs. Students gain field experience under supervision from both agency and departmental personnel. Internships are awarded 3-15 credits per semester, depending upon the extent of student involvement.

**Prerequisite:** Junior or senior standing, six semester hours of related courses at the 200 level or above, and department approval

# WOMEN'S STUDIES

Contact: Frances Jones-Sneed, Ph.D.  
(413) 662-5541, [fjonesn@mcla.edu](mailto:fjonesn@mcla.edu)

## PROGRAMS AVAILABLE

### MINOR PROGRAM IN WOMEN'S STUDIES

#### WOMEN'S STUDIES MINOR PROGRAM

This minor provides an opportunity to consider traditional disciplines from a feminist perspective, to develop an interdisciplinary understanding of women's experiences, to study women's roles, images, and accomplishments, and to examine the ways in which gender is socially, culturally, and historically constructed.

#### Women Studies Minor Requirements

WMST 201 Introduction to Women's Studies 3 cr

15 elective credits in courses designated as Women's Studies, 9 of which must be 300 level or above (see list at right). Courses must be selected from at least two different departments. 15 cr

**TOTAL WOMEN'S STUDIES MINOR REQUIREMENTS 18**

#### Women's Studies Approved Elective Courses

ANTH 365	Sex Roles and Society
BIOL 395	Biology and Gender
BADM 390	Diversity Issues
CCSS 262	Families
ENGL 357	Virginia Woolf
ENGL 359	Toni Morrison
ENGL 383	African American Women Writers
HIST 305	Women in European History
HIST 315	Women in American History
IDST 360	Special Topics (when applicable)
PHIL 355	Women and Philosophy
PHIL 480	Ethics and Gender
PHED 146	Self Defense for Women
PSYC 355	Human Sexuality
PSYC 356	Psychology of Gender
PSYC 357	Psychology of Women
SOCI 360	Women, Movies and MTV
SOWK 340	Social Welfare Policy
SOWK 375	Family Violence
SOWK 380	Women & Health
WMST 202	Feminist Theory
WMST 310	Women's Studies Service Seminar
WMST 395	Special Topics in Women's Studies

## COURSE LISTINGS

#### WMST 201 Introduction to Women Studies 3 cr

Explores the position of women in selected cultures throughout the world. Focuses on the impact of feminism on modern society. Includes inquiry into feminist movements in history, women's movements in other parts of the world, and political and scholarly approaches to feminism.

**Prerequisite:** None

#### WMST 202 Feminist Theory 3 cr

Analyzes and evaluates historical and contemporary feminist works tracing the origins of feminist theories within the Anglo-American and French contexts as well as examining the theoretical bases of international women's movements.

**Prerequisite:** WMST 201

#### WMST 310 Women's Studies Service Seminar 3 cr

Begins with an overview of the major theories of feminist thought: liberal, socialist, Marxist, radical, ecological feminisms and womanism. It also explores some of the feminisms from third world countries. This overview will provide the foundation and analytical framework which students will bring to their self-selected service projects, to better understand and evaluate the work world and women's struggles and accomplishments therein.

**Prerequisite:** WMST 201 and two WMST electives

#### WMST 395 Special Topics in Women's Studies 3 cr

Examines in depth a specific topic area in women's studies. Provides advanced work in women's studies literature, theory and/or research in a topic area. Primarily for students in the Women's Studies minor. Content identified by subtitle.

**Prerequisite:** WMST 201

# EDUCATIONAL RESOURCES

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**Academic Computing** - General Purpose Academic Computer Laboratories are located on the first floor of Mark Hopkins Hall rooms 3, 4, 5, 6, and 7. The computers are connected to the campus-wide network and to the Internet.

Software packages available in the labs include Netscape, Microsoft Word, Excel, Access, and PowerPoint, SPSS, PageMaker, PhotoShop, and numerous programming languages. Specific software for the completion of classroom assignments may also be placed on computers when provided by individual instructors.

In addition to the General Labs, several other facilities around the campus serve the needs of particular programs such as English/Communications, the social sciences, Computer Science, the Library, the Honors Program, and Learning Services. All labs are tied to the campus network, to the campus email system, and to the Internet. Dial-in connections to email are provided through a modem pool 24 hours a day for off-campus students.

Access to the campus network is available to students in dormitory and townhouse rooms, providing they have either an IBM-compatible or Macintosh-compatible computer that meets certain minimum specifications and can be equipped with an Ethernet network adapter. Students request a connection by visiting the Computing Help Desk in Mark Hopkins. An On-Campus Computing Consultant (OCCC) may come to the dorm room to help set up the connection. Visits can be scheduled seven days a week. Students must provide an ethernet card and cable.

The College has a Computer Support Services Department to maintain the computers and network and a Help Desk to support students, faculty, and offices across campus. The Help Desk Manager, OCCCs, and a variety of work-study students manage the labs and assist students as they complete their computer-related assignments. While the support staff will not contribute directly to the content of assignments, its members will assist students with hardware or software problems that they encounter in the labs.

The College's Internet Web server at <http://www.mcla.edu> presents information about the College to the outside world. The College also operates a second server, at <http://campus.mcla.edu>, for residents of the institution. It holds course documents, information about dealing with the College, various bulletin board systems, discussion lists, and links to sites for Internet research.

The MCLA Computer Society, a club operating under the Student Government Association (SGA), maintains a pair of Web sites, <http://sga.mcla.edu> and <http://personal.mcla.edu>, that are available to SGA clubs and to individual students who want to create and publish their own Web documents. Interested parties should contact the Computer Society or the Help Desk.

**Advising Services** - Advising Services provides information about topics such as (1) College policies and procedures; (2) majors and minors; (3) adding or dropping courses; (4) off-campus study; (5) the College Level Examination Program (CLEP); and (6) experiential credit. Students may visit any time to receive academic advice. Advising Services also provides resources for faculty to facilitate their advising of students.

Advising Services supports and counsels students in academic difficulty. The Office also coordinates advising for undeclared students and support services for adult learners who have needs which differ from those of traditional-age students. Contact Information: (413) 662-5400 or [sgreen@mcla.edu](mailto:sgreen@mcla.edu).

**Career Services** - Career Services helps students and alumni assess and explore personal interests, values, and skills. Career Services also helps students make decisions regarding academic majors and careers. Contact information: (413) 662-5332 or [szavatta@mcla.edu](mailto:szavatta@mcla.edu). Services include:

- individual and group career exploration
- computerized career guidance and information/internet search resources
- occupational information/research materials/jobs our alumni have landed
- job skill-building workshops (resume writing, interviewing, job search)
- graduate school information/graduate school fair (fall)
- graduate admission test/information/preparation
- specialized workshops for academic programs
- internship development and referral including The Washington Center Internship Program
- recruiting/interviewing opportunities
- student employment/part-time job fair (fall)
- study abroad/International Student Services

# EDUCATIONAL RESOURCES

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**Learning Services** - Learning Services provides numerous programs that assist students to achieve their academic goals at college. Contact information: (413) 662-5309 or [tmiller@mcla.edu](mailto:tmiller@mcla.edu). Students use Learning Services to:

- assess academic preparation
- improve basic mathematics and writing skills
- develop effective reading and study techniques
- work with tutors in specific college courses
- work individually with professionals

Services to meet the needs of disadvantaged students, adult students, and students with physical or learning disabilities are available.

**Tutor Exchange Network** -- Learning Services offers tutoring to college students through the Tutor Exchange Network (TEN). The program offers small group tutorial assistance in most core curriculum and freshman-level courses. Tutorials are offered for students enrolled in fall and spring semesters based on the availability of qualified peer tutors.

**Individual Enrichment Program** -- This federally-funded program makes a college education possible for students who demonstrate potential but have been held back in their high school studies for any number of reasons, including economic disadvantage. A summer seminar combines intensive academic work with extracurricular activities designed to smooth the transition to college. Additional support is provided in fall and spring semesters of the freshman year. Students receive support and a variety of opportunities for advancement throughout their college career.

**Disabled Students** -- Students with documented physical and/or learning disabilities are eligible for accommodations. They work with a counselor to define the accommodations and support needed to demonstrate their abilities and fully participate in college.

**Adult Basic Education Program** -- The Northern Berkshire Adult Basic Education Program consists of classes in Adult Basic Education (ABE), preparation for the official GED Exam, English for Speakers of Other Language (ESOL) and ABE Technology (TECH). The ABE program also offers Distance Learning utilizing Workplace Essential Skills curriculum. Students utilize web-based instruction as well as drop-in labs, VHS tapes and workbooks. Students can enroll at any time. Funded by the Adult and Community Learning Services (ACLS) division of the Massachusetts Department of Education, classes are free to students. Area residents 16 years and over who have not graduated from high school are eligible for classes.

**Writing Center** -- Learning Services and the English/Communications Department collaborate to offer tutorial assistance for writing and research. Students may drop in to work with Writing Center Associates when writing or researching papers for their college courses.

**College Academic Program Sharing (CAPS)** - CAPS is a program for sharing academic programs among Massachusetts state colleges. It offers access to the academic resources of another state college while maintaining degree status at Massachusetts College of Liberal Arts. A student may take up to 30 semester hours of credit through the CAPS program. A minimum overall GPA of 2.0 must be achieved in this course work. To qualify for CAPS a student must first earn at least 30 credits at Massachusetts College and have a QPA of 2.0. Further information regarding CAPS is available in the Registrar's Office.

**Cross-Enrollment at Berkshire Community College/Williams College** - A limited number of matriculated students enrolled full-time and in good academic standing may register without additional tuition at Williams College or Berkshire Community College for courses not offered by MCLA. Interested students should consult the Registrar's Office.

**Graphics Services** - This office provides graphic art services. These services are available to all members of the campus community.

# EDUCATIONAL RESOURCES

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**Library** - The Eugene Lawrence Freel Library has 33,000 square feet of space, a stack capacity of over 210,000 volumes, and a seating capacity of 220. Approximately 65 percent of its seats are private study carrels, many individually lighted. The library is normally open 86 hours per week while classes are in session.

The library provides a full range of information services to the academic community. The library is staffed by 12 full- and part-time employees, including professional librarians. The staff offer assistance in the use of a wide range of modern information tools as well as reference services, bibliographic instruction to classes and individuals, computer database searching, and interlibrary loan.

The holdings of the library include 186,000 book volumes, 550 current journals, print access to 6,000+ on-line subscriptions, newspaper subscriptions, over 200,000 microform units, and approximately 6,000 non-book items. The Library also maintains the College archives and a special collection of local history materials.

The Library makes optimal use of computers through its automated system, as well as a number of microcomputer-based systems. In addition, the college computer Local Area Network allows access to a wealth of further resources via the INTERNET. The Library also participates in the OCLC, Inc. national bibliographic database and the regional Central/Western Massachusetts Automated Resource Sharing network (C/W MARS). In addition to the provision of automated circulation, C/W MARS allows access to records of the holdings of over 45 academic, public, and special libraries in the State, facilitating rapid interlibrary loan. Cooperative arrangements with Williams College and the libraries of all public universities and colleges in Massachusetts also enable members of the college community to use resources not present on campus.

**Media Services** - A full range of modern instructional support activities is offered by Media Services, including collections of audio and video tapes, video disks, audio compact disks, phonograph records, films, slides, transparencies, and the equipment to view these materials. Other services include recording cable and satellite TV programming and teleconferencing. Media service to classrooms is provided through the use of cabling and equipment housed in substations at various campus locations. Individual and group viewing facilities are also maintained adjacent to the Media Services office. Video viewing carrels are available during library hours. Students are encouraged to become familiar with Media Services and use its collection of services.

**Office of Lifelong Learning** - This office plans and implements special programs and non-credit classes for continuing learners throughout the Berkshires. These programs may include topical workshops, conferences, seminars, and symposia for the professional development of personnel in schools or industry. A variety of summer educational programs also are offered. The Office of Lifelong Learning also makes College facilities available to outside groups needing meeting space, educational and training programs, and conferences. Individuals or organizations interested in creating a seminar or workshop on a particular subject may call the Office of Lifelong Learning at (413) 662-5543 or [jchoquet@mcla.edu](mailto:jchoquet@mcla.edu).

**Student Development** - Students are encouraged to take advantage of the many college opportunities to enhance the quality of a liberal arts education through their involvement in co-curricular activities. Taking part in clubs and organizations, as well as the numerous educational and social programs offered on campus, contributes to the college experience. Departments and/or student organizations bring speakers, entertainers, and artists-in-residence to MCLA. Most events are free and open to all students.

The Office of Student Development also holds an annual Leadership Conference as well as other developmental training sessions for student leaders throughout the year. For more information call (413) 662-5120/5129.

**Television Production Facilities** - The television production studio is currently located in Mark Hopkins Hall. The facility serves the English/Communications Department and students within the Broadcast Journalism concentration. The Studio is now also home to the local Educational Access Channel (16). Those involved in the television program may take courses in production and produce actual news, sports, entertainment, and live programming which is seen in the local community. The program is structured with a hands-on approach, giving students the opportunity to direct, produce, edit, write, and perform for television. Students have found internships in both cable and broadcast companies. The studio is equipped with four studio cameras, a video switcher/special effects generator, a sixteen bus audio mixing board, several DV camcorders and three digital non-linear edit systems, two SVHS editing systems, and a post-production switcher. Student interns and qualified work study students assist the technical director of the TV studio.

**Women's Center** - The Susan B. Anthony Women's Center conducts research and provides educational programs and advocacy for all students interested in issues which affect women. The Women's Center is a meeting place for discussion groups involving students, faculty, and staff. In addition, the Center provides a lending and resource library and supports the Women's Studies minor. For more information contact the Women's Center at (413) 662-5497.

# ACADEMIC INFORMATION AND POLICIES

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(413) 662-5216, kgoff@mcla.edu

In keeping with its mission, the College has approved policies aimed at strengthening the academic environment.

## COURSE

**Load** - Fifteen (15) credit hours is the normal academic course load at Massachusetts College of Liberal Arts. Students may enroll for up to eighteen (18) credit hours without special permission. Students wishing to enroll for more than eighteen (18) credit hours must secure the permission of their advisors. The Dean of Academic Studies must approve any request above 20 credits. The Course Overload Permission Form may be obtained at the Registrar's Office.

### Add-Drop Procedures

**Addition of Courses** - Students may add courses during the first seven days of each semester. Forms for this purpose are available in the Registrar's Office.

**Dropping or Withdrawing From Courses** - Students have one week (five class days) to drop from a full semester course with no academic penalty and no notation that they were enrolled in the course on their records. Courses running less than an entire semester will have varying withdrawal dates based on the length of the course. Forms for this purpose are available in the Registrar's Office. Students who withdraw between the second and the eighth week of a regular semester will incur no penalty as far as the quality point average is concerned but will have a notation of W on their permanent records. No student may withdraw from a course during a regular semester after the eighth week. *Note: A course is not officially added or dropped until the appropriate form has been completed by the student and advisor and has been validated by the Registrar's Office.*

*Any student not attending a course and not officially withdrawing will be issued a grade of F on his/her record. The F grade will be used in computing the student's grade point average.*

**Repeat Policy** - A course may be repeated. If the course is required and the student received an F, the course *must* be repeated. The grade earned in a repeated course replaces the original grade in the student's quality point average **even if the repeated grade is lower**. (The grade earned each time the student took the course remains on the student's transcript, but the course is marked "Repeated", and the originally attempted credit is not calculated into the quality point average.)

Students must complete a Repeat Course Form for each course they repeat. Repeat course work taken off campus must be approved **prior** to the course being taken. Forms to be completed include: off-campus approval and repeat course. Both forms are available in the Registrar's Office.

**Audit Policy** - A student may audit a course with the approval of the chairperson of the department and the consent of the instructor. Auditors are subject to any conditions established by the department or the instructor. No credit is awarded for audited courses. Such courses are officially reported on the student's transcript with the notation AU (Audit-No Credit) when all course conditions are met. Auditor status cannot be changed.

Students register for audit during the first week after the Add Period. A student who wishes to attend class before audit registration may do so with the consent of the instructor. Students are responsible for all course fees when auditing a course. Students who have registered for a grade have enrollment preference over auditing students.

## GRADING

**Grading System** - The College grading system is based on the 4.000 quality point method.

Grade	Quality Points	Grade	Quality Points
A	4.000	C	2.000
A-	3.700	C-	1.700
B+	3.300	D+	1.300
B	3.000	D	1.000
B-	2.700	D-	0.700
C+	2.300	F	0.000

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Listed below are other grade notations that may appear on student records. These grades are not used in computing the quality point average.



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AU	Audit-No Credit. Indicates that the student has audited a course.
I	Incomplete. A temporary grade that may be reported only when a portion of the assigned work, as clearly indicated in the course syllabus, has not been completed because of the necessary absence of the student or for other reasons equally satisfactory to the instructor, and then only when the instructor judges the work already done by the student to be of passing quality. The course work must be completed by a date specified by the instructor. This date cannot exceed six (6) weeks after the beginning of the following semester. The "I" is then changed to a permanent letter grade. The obligation rests with the student to ask the instructor what work must be completed and what conditions, if any, must be met. The instructor and the student sign a standardized contract specifying the nature of the course work to be completed. Signed incomplete contracts must be submitted with grade rosters. If the course work is not completed before the deadline specified in the contract, the "I" will be changed to an F. An "I" grade disqualifies a student for Dean's List recognition.
P	Pass. Indicates successful completion of a Pass/Fail course. Credit is awarded with no quality points.
PC	Pass Continue. This notation is used solely for courses offered by Learning Services. It indicates that a student has demonstrated both effort and progress in a course but requires additional time and work to complete the curriculum. A student who earns a PC grade must reenroll for the course in only the next semester of enrollment and must complete assigned work during this time. A student is entitled to only one PC grade per (SKIL) course. Once a student has been reenrolled for such a course, no further grades of PC can be awarded, nor can a student withdraw from the course. Only regular letter grades (A-F, and I) may then be assigned. Students receiving a PC grade on their transcript <b>are not eligible for the Dean's List</b> for that term.
T	Transfer. Indicates credit for course work that has been accepted by the College from another institution. No (grades) quality points are received for transfer work. Grades from other institutions do not appear on the MCLA transcript, and are not calculated into the MCLA GPA.
W	Withdrawal. Indicates withdrawal from a course in the third through the eighth week of the semester. It is the responsibility of the student to be aware of all deadlines for withdrawal. No withdrawals for individual courses may be made past the withdrawal deadline.
WX	Withdrawal from College. The student has officially withdrawn from the College. A student may withdraw from the College prior to the first day of final exams. All courses will be given the notation WX.

**Grade Point Average** - The grade point average is a numerical indication of the student's academic achievement. It is the quotient of the total quality points earned divided by the total credits attempted for all courses in which grades A through F were received. No quality points are assigned to notations *AU*, *I*, *P*, *PC*, *T*, *W* or *WX*.

The grade point average may be computed as follows:

- Multiply the quality points of the letter grade earned in each course by the number of credit hours assigned to the course.
- Total the quality points earned in all courses.
- Divide the sum by the total number of quality hours.

(see top of next page for example)

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# ACADEMIC INFORMATION AND POLICIES

An Example of Grade Point Averaging:

Course	Grade	Quality Points	x	Credit Hours (Quality Hours)	=	Total Quality Points
ENGL 150	B+	3.300		3		9.900
MATH 101	C-	1.700		3		5.100
HIST 105	A-	3.700		3		11.100
BIOL 150	D	1.000		4		4.000
PHED 101	B	3.000		1		3.000
				14		33.100

$$\text{QPA} = \frac{\text{Total Quality Points}}{\text{Total Credits (Quality Hours)}} = \frac{33.100}{14} = 2.364$$

**Midterm Warnings** - Faculty members submit D and F reports on freshmen and sophomores to the Registrar two weeks before the end of the course/withdrawal period. Copies of these reports are sent to the students and their advisors.

**Semester Grades** - are mailed to students at their permanent home addresses after the conclusion of each semester.

**Transcripts** - A student is entitled to one official transcript free of charge. Additional copies are available for a nominal fee. No transcript will be issued without the student's written request. An official transcript bears the College seal. Official transcripts are sent directly to another college or university, school department, or other agency by the Registrar of the College. Only unofficial copies of a student's record will be furnished for the personal use of the student. **The College does not fax confidential information and will not accept faxed transcripts as official copies.**

**Dean's List** - Undergraduate matriculated students who achieve a minimum grade point average of 3.250 with no incomplete grades are placed on the semester's Dean's List. For more information contact the Registrar's Office. Students receiving "I" or "PC" grades are not eligible for the Dean's List for that term.

The final date for students to qualify for the Dean's List is the last day for reporting grades each semester. These days are determined by the Registrar and the Dean of Academic Studies.

**Registration and Advising for Matriculated Students** - Each semester an advisement and registration period is held for students to select their next semester's courses. Students are required to meet with their advisors to discuss their academic standing and their remaining course requirements. During this period students register for courses in the order of class status according to number of credits earned. A late registration period is held just before the beginning of each semester for unregistered students.

## GRADUATION POLICIES

### Graduation Requirements

1. The core curriculum requirements must be completed (beginning with entering freshmen 2001).
2. The requirements for the student's major must be completed (Student must be matriculated).
3. A minimum grade point average of 2.000 overall and 2.000 in the major program requirements must be earned.
4. A minimum of 45 credits must be completed at Massachusetts College of Liberal Arts; a minimum of one half of the courses in a student's major must be taken through Massachusetts College of Liberal Arts.
5. At least 120 credits including the major program credits must be earned. No more than five credits can be fulfilled by personal fitness/skills courses in physical education.
6. A student's final 15 credits of coursework must be completed at Massachusetts College of Liberal Arts.
7. At least 39 of the 120 credits must be in upper-division work (300-500 level).
8. Application for graduation must be filed with the Registrar's Office according to the following schedule:

Graduation in May:	February 15
Graduation in August:	June 1
Graduation in January:	November 1

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**Requirement Waivers** - A student may seek a waiver of any core curriculum or major program requirement. The request is initiated in consultation with the student's advisor. The advisor makes a recommendation that is submitted to the department chairperson for further consideration and recommendation. In both instances, sufficient justification for the waiver must be given. Waivers must have the additional approval of the Dean of Academic Studies. College Waiver Forms are obtained from the Registrar's Office. Students may have waivers for required categories but not for actual credit.

**Graduation With Distinction** - Students of superior academic achievement graduate with distinction according to their quality point average earned at Massachusetts College of Liberal Arts only.

Summa cum Laude	3.750 - 4.000
Magna cum Laude	3.500 - 3.749
Cum Laude	3.250 - 3.499

**Graduation Attendance Policy** - Students may attend the graduation ceremony following completion of ALL graduation requirements. Students must complete an application for graduation by the deadlines listed in the section graduation requirements. The form must be submitted to the Bursar's Office.

## STANDARDS

**Appeals** - The Academic Appeals Committee hears academic grievances from and about students. The membership of the Committee consists of three students in good academic standing (For Grade and Honesty Appeals only), three faculty members, one administrator, the Dean for Academic Studies, and the Registrar, who chairs the committee, as a non-voting member, except in the event of a tie.

In the event a student wishes to appeal an instructor's grade, the route the appeal should take is as follows: a) the student initiates the appeal by obtaining an Academic Appeal Form from the Registrar's Office; b) the student then presents the appeal to the instructor(s) concerned. If a solution satisfactory to the student is not met; c) the student takes the written appeal along with the statement of the instructor to the chair of the department, who must respond in writing. If a solution satisfactory to the student has still not been reached; d) all materials are brought by the student to the Dean of Academic Studies, who after reviewing all the information will meet with all parties; e) If a solution has still not been reached that satisfies the student, all information will be forwarded to the Registrar. A meeting of the Appeals Committee will then be called by the Registrar.

In cases affecting grade changes, a student is allowed 30 days into the following semester to initiate an appeal against grades earned in regular fall or spring semester. In all other cases, the student has 30 days after receipt of the grade to initiate an appeal for a grade change through the aforementioned channels. At each of these points, the appeal must be approved or disapproved in writing and the appropriate signatures affixed to the appeal form within one week after each step of the appeal.

In cases involving suspension appeals, students wishing to be readmitted must appeal in writing by the date specified in the student's suspension notice. Students suspended more than twice are no longer eligible for readmission. There is no appeal of this condition.

**Honesty** - A college is a community of students and faculty interested in the search for knowledge and understanding. Essential to that search is a commitment to honesty and integrity. Honesty on the part of every college student has and always shall be an integral part of the plan of higher education at Massachusetts College of Liberal Arts. Acts of dishonesty conflict with the work and purpose of the entire College and are not merely a private matter between student and instructor.

Violations of academic honesty include but are not limited to:

- plagiarism (as defined below)
- submitting the work of others as one's own
- communication during an examination
- using crib notes in an exam, except as allowed by the instructor
- obtaining prior knowledge of examination questions
- substitution of another student in an examination
- altering College academic records
- knowingly using false statements for academic benefit
- collaborating on material after being directed not to collaborate
- forging a signature of a College official or faculty member
- soliciting an official signature under false pretense

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## ACADEMIC INFORMATION AND POLICIES

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**Plagiarism** - The academic departments of the College have varying requirements for reporting the use of sources, but certain fundamental principles for the acknowledgment of sources apply to all fields and levels of work. The use of source materials of any kind and the preparation of essays or laboratory reports must be fully and properly acknowledged. In papers or laboratory reports, students are expected to acknowledge any expression or idea that is not their own. Students submitting papers are implying that the form and content of the essays or reports, in whole and in part, represent their own work, except where clear and specific reference is made to other sources. Even if there is no conscious intention to deceive, the failure to make appropriate acknowledgment may constitute plagiarism.

Any quotation - even of a phrase - must be placed in quotation marks and the precise source stated in a note or in the text; any material that is paraphrased or summarized and any ideas that are borrowed must be specifically acknowledged. A thorough reordering or rearrangement of an author's text does not release the student from these responsibilities. All sources that have been consulted in the preparation of the essay or report should be listed in the bibliography.

Upon an occurrence of alleged academic dishonesty instructors may exercise **their discretion in imposing a sanction**. Instructors may **further** file charges with the Academic Appeals Committee against students if they believe that additional sanctions would be appropriate.

Instructors shall notify the Registrar in writing of any occurrence of academic dishonesty whenever they have imposed sanctions. Such notification shall include the student's name, course title, date of occurrence, type of dishonesty, sanction(s) being imposed, **and any further action requested**.

This notification shall be effected within fourteen days after discovery of the incident. A copy of said notice shall be sent to the student involved, including the charges made against the student and the grounds, if proven, that would justify failure or other academic sanction.

If the student involved wishes to appeal the sanction imposed by the instructor, the student must initiate an appeal within two weeks after receipt of this notification.

The Academic Appeals Committee shall consider as a basis for a hearing that: a) the student claims not to have been academically dishonest; b) the student claims the instructor imposed an inappropriate sanction; c) the nature of the offense merits further action.

In academic dishonesty cases the Committee may receive requests for hearings from students, from individual faculty and staff members, and from the Registrar. The Academic Appeals Committee reserves the right not to hear any appeal in any case where data is not sufficient, the necessary steps have not been followed, and when the committee jurisdiction is not clear.

Further information regarding instructor and student rights and responsibilities and appropriate procedures to be followed in applying this policy may be obtained from the Office of the Dean of Academic Studies or the Registrar.

**Attendance Policy** - Class attendance is taken very seriously, and students may be penalized for unexcused absences within the grading process. Students are expected to attend classes regularly, since this is a necessary means of learning and of attaining the educational objectives of the College. Since course design and objectives vary, attendance policies are set forth in each instructor's course syllabus.

**Probation/Suspension** - New students (freshman and transfer) who have achieved a 0.0 grade point average after their first semester at the College will be automatically suspended without a probationary semester. Students whose cumulative grade point average falls within the suspension range (and above a 0.0) who have never been on academic probation will have a one semester probationary period in which to raise their average above the suspension range. Failure to do so will result in suspension. Students placed on probation are required to meet with the Associate Dean of Academic Support Services and are strongly encouraged to use the support services offered by Counseling Services, Career Services, Learning Services, and their faculty advisor. Suspended students could be eligible for readmission to the College following a successful appeal, unless suspended more than twice, which would result in permanent suspension.

**Probation** - Students whose academic performance falls below a specific GPA will be placed on probation by the Registrar. The probation range is based on the cumulative grade point average and increases with each succeeding year. Students placed on probation are encouraged to avail themselves of the advising, tutoring, and counseling services provided by the College. Students placed on probation following a successful appeal of suspension must complete a contract with Academic Support Services as a condition of readmission to Massachusetts College.

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Attempted Credits*	Probation Year	Range
1-15	Freshman	1.00-1.499
16-30	Freshman	1.500-1.749
31-45	Sophomore	1.500-1.749
46-60	Sophomore	1.750-1.999
61-75	Junior	1.750-1.999
76-90	Junior	No Probation
91-105	Senior	No Probation
106-120	Senior	No Probation

\* Attempted Hours minus P, PC, W, I, WX, T. After 1st semester, T credits are factored into attempted hours calculation.

Academic Support Services provides help to students on academic probation. One option is for students to attend small personalized informational meetings at the beginning of the semester. These meetings are specifically designed to help probationary students succeed. These groups are staffed by professionals from Academic Support Services, the Counseling Center, and Learning Services.

**Suspension** - Students whose performance would make it exceedingly difficult to meet graduation requirements will be suspended from the College. The suspension range is based on the cumulative quality-point average and increases with each succeeding year.

Attempted Credits*	Suspension Year	Range
0-15**	Entering Fresh or Transfer	0.00
0-15	Freshman	Under 1.000
16-30	Freshman	Under 1.500
31-45	Sophomore	Under 1.500
46-60	Sophomore	Under 1.750
61-75	Junior	Under 1.750
76-90	Junior	Under 2.000
91-105	Senior	Under 2.000
106-120	Senior	Under 2.000

\* Attempted Hours minus P, PC, W, I, WX, T. After 1st semester, T credits are factored into earned hours.

\*\* The 1st semester of attendance (new freshman and new transfers) does not qualify for probation status if a 0.00 GPA is earned.

Students suspended under this policy may appeal their suspension, except students suspended more than twice. The Registrar notifies students of their suspension and of their right of recourse to the appeal process. See "Academic Appeals" for details.

Suspended students may not enroll at the College for one semester. They may then apply to the Admissions Office for readmission. The College requires that they complete a minimum of 6 credits with a minimum GPA of 2.0 at another institution before reapplication. Students must complete an off-campus readmission form available from the Registrar. Approval of the Dean of Enrollment Management is required prior to enrollment in courses. Students re-applying after sitting out one semester on suspension will be evaluated on an individual basis based on the entire Massachusetts College academic experience and coursework completed at another college. The Dean of Enrollment Management may impose further requirements. Students suspended at the end of the spring term may not take courses at MCLA in the summer or fall, and must re-apply through admissions.

## STATUS

**Student Status** - The College describes student status as follows:

**Full-Time Student.** A student registered for 12 or more credit hours that semester.

**Part-Time Student.** A student registered for fewer than 12 credit hours that semester.

**Matriculated Student.** A student who has been accepted in a major program or is undeclared or in a certificate program, and

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# **ACADEMIC INFORMATION AND POLICIES**

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who is subject to all the normal academic regulations and policies of the College.

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**Nonmatriculated Student.** A student not enrolled in a major program. Such students are not assigned class status and are designated as Special Students (SPU).

**Change of Major** - Students wishing to change their major must secure a Change of Major form from Academic Support Services. This form requires the approval of the chairperson of the new department and must be filed with the Registrar's Office before the change of major takes effect.

**Class Status.** Matriculated students are assigned class status according to the total number of their earned credits at the conclusion of any given semester.

Credits	Class
0-29	Freshman
30-59	Sophomore
60-89	Junior
90 or more	Senior

**Declaring a Minor** - Students who are completing the requirements of a minor program must complete a Declaration of Minor form. This form is available at the Registrar's Office.

**Experiential Learning** - The College recognizes that significant learning occurs outside formal educational settings: at work, at home, in community activities, in military service, and in individual reading and study. Students may receive credit for such experiences following review by appropriate faculty and the Dean of Academic Studies. Students should consult with the Associate Dean of Academic Support Services for assistance in preparing an application to receive academic credit for life experiences. Several options are available for receiving experiential credit. The Associate Dean of Academic Support Services will advise on the appropriate option. Contact information: (413) 662-5400 or sgreen@mcla.edu.

**Individual Course Credit for Life Experience** - Academic credit for an individual course will be awarded when documentation indicating that goals of the course, as defined by the appropriate academic department, have been met. Credit can be awarded for a variety of life experiences, including those recommended by the *Guide to the Evaluation of Educational Experiences in the Armed Services* (American Council on Education). Academic Support Services will assist students with the preparation of the application.

**Standardized Tests** - Academic credit will be awarded following completion of the following standardized tests:

**Advanced Placement Program** sponsored by the College Entrance Examination Board (CEEB). A test score of 3 or higher is required to receive credit. All scores must be forwarded to the College from CEEB.

**College Level Examination Program (CLEP)** sponsored by the College Entrance Examination Board. Completion at 480 or better on the general examinations in English composition, mathematics, natural science, humanities, and social science-history, and the 50th percentile or better for the subject examination are required for credit.

**Basic Evaluation (1-12 credits)** - The student consults with his/her academic advisor about the experience as it may be credited and applied to the student's degree program. The student completes an Application for Experiential Credit at the Office of Academic Support Services. The application will include a description of the experience, supervisor's statements or evaluations, and any documents which indicate that the applicant has an awareness of the value gained from the experience (s) and the new knowledge or skills were acquired. The Associate Dean of Academic Support Services will notify the student of the credit recommendation. An Experiential Credit Assessment Fee of \$100 per assessment and a fee of \$50 per credit awarded will be implemented for this service.

**Portfolio Evaluation of Prior Learning (13-30 credits)** - This is a comprehensive evaluation offered to students who enter college with an unusual range of learning experiences. In such a case the student applies for experiential evaluation at the Office of Academic Support Services. If after an extensive interview the student's experience and educational goals are considered to be adequate, he or she receives permission to enroll in a three-credit course, offered through the Department of English/Communication, in which learning experiences are explored and described in detail, matched with college requirements, and assessed up to a level of 30 credits. A faculty evaluation committee and all appropriate department chairpersons review and approve the credit recommendation and refer it to the Associate Dean of Academic Support Services, who conducts an independent review and makes the final determination of credit to be awarded. An Experiential Credit Assessment Fee of \$100 per assessment and a fee of \$50 per credit awarded will be implemented for this service.

Registrar: Kathleen Goff, M.Ed.  
(413) 662-5216, kgoff@mcla.edu

## ACADEMIC INFORMATION AND POLICIES

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**Leave of Absence** - A student whose personal, family, or medical circumstances require a temporary interruption of college study may apply for a leave of absence for up to two semesters. Students who attend primarily in the evening and need to attend on a less than regular basis may also use this process. To apply for a leave of absence a student must complete an application to be filed at Academic Support Services. Recommendations regarding requests will be made by the Associate Dean of Academic Support Services to the Dean of Academic Studies. The Dean will make the final decision on the request.

A leave of absence may only be granted to students who are matriculated and in good academic and financial standing. All students returning from a leave of absence must contact the Registrar's Office by December 1 for reactivation in the spring semester and by August 1 for reactivation for the fall semester. Students who are granted a leave of absence before the end of the drop/add period will have no notation on their record for that semester. Students granted a leave during the withdrawal period will have a grade of "WX" on their record for that semester. Students with financial aid who take a leave of absence will be treated as a withdrawn student and will lose their aid as of the date of their leave. Loan repayment will begin 6 months after the date of withdrawal from the College. If the student returns in the second semester of the academic year, eligibility for aid will be reinstated and the student will be considered for any aid which is available at that time. When a student returns from a leave of absence, they should process loan deferment forms through their lender.

**Outstanding Obligation** - Official transcripts will not be issued for students or former students who have an outstanding obligation to the College. Such obligations may include but are not necessarily limited to: unreturned books or fines due in the library; unpaid tuition or fees; uncompleted health forms; unreturned athletic equipment, unpaid parking fines; failure of Perkins/NDSL recipients to complete their exit interview; and delinquency in repayment of a Perkins or National Direct Student Loan or a refund owed to the College for financial assistance of any kind.

**Transfer Credit Policy** -New matriculated students to MCLA who have attended one or more accredited institutions should be aware of the following policies related to transfer credit:

- Students must disclose to the Admissions Office all colleges previously attended.
- Official transcripts from each college must be submitted prior to admission or awarding of credit. (See Admissions section for requirements).
- Grade point average of coursework taken at previous institutions will be used for admission determination only.
- If more than one college was attended, an average transfer grant point average is calculated for admission determination only.
- A new cumulative grant point average begins at MCLA for ALL transfer students. Honors distinction for transfer students considers the MCLA grant point average only. Courses and credits from other institutions will be noted on the transcript; however, grades, quality points, and gpa will not be listed or used for purposes of gpa at MCLA.
- Transfer students must complete all major, degree, and graduation requirements, including at least 45 credits at MCLA.
- Courses with grades of "C-" or above will transfer (unless Transfer Compact fulfilled). See transfer gpa requirements in admission section.
- Remedial and skills coursework do not transfer to MCLA.

**Off-Campus Study for Currently Enrolled Students:** Matriculated students who wish to enroll in coursework at another accredited institution while still enrolled at MCLA must receive approval from MCLA prior to enrolling in such courses. Approval is granted through the Registrar's Office in consultation with the department chair. Coursework in which the student received a grade of C- or above is transferable, provided that the student's overall grant point average is a 2.0 or higher (based on a 4.0 scale) at the other institution.

**One Degree Policy:** MCLA grants the Bachelor of Science and/or the Bachelor of Arts at the undergraduate level. Only one each of the Bachelor of Science or the Bachelor of Arts degrees may be reflected on the student's record. Students interested in pursuing multiple majors within either the Bachelor of Science or Bachelor of Arts who wish to have those majors reflected on their transcript must complete the requirements for all majors prior to graduation. Once either degree is officially recorded, a student may complete courses toward an additional major; however, an additional major will not be reflected on the student's transcript.

**Withdrawal from College** - Students leaving the College must complete a Withdrawal from College form obtained from Advising Services. Students officially withdrawing before the first day of final examinations will receive a notation of WX **in all courses**. After this time students will receive a final grade in all courses.

*Note: A student is not officially withdrawn from the College until the appropriate form has been completed and has been validated by the Registrar's Office.*



# STUDENT AFFAIRS INFORMATION AND SUPPORT SERVICES

Dean of Students: Scott Kalicki, Ph.D.

(413) 662-5231, skalicki@mcla.edu

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Student Affairs, working with Academic Affairs, creates a living-learning community which provides a sense of affiliation; respects and values the worth of all members; supports academic success; and encourages the personal development, wellness, and safety of students. Students in this community participate in meaningful leadership and service opportunities which build a foundation for lifelong learning and the attainment of career goals.

**Bookstore** - The College Bookstore provides new and used textbooks, reference books, and fiction and nonfiction books in hardcover and paperback, school supplies, a selection of insignia clothing, newspapers, magazines, snacks, software, holiday specials, greeting cards, and assorted Massachusetts College of Liberal Arts glassware and ceramics. Book buy-back, special book orders, and check-cashing are also available.

**Campus Center** - One of the main focal points of student and college-wide activities is the Amsler Campus Center. The west wing (or Athletic wing) houses the Athletic Department and Physical Education offices, locker rooms, swimming pool, gymnasium, handball/racquetball and squash courts, and a dance complex that is used for several activities including dance, boxing, karate, and aerobic classes.

The east wing (or Student Affairs Wing) houses the College dining area - the Centennial Room, Sharky's (a late night social space), the college bookstore, Fitness Center, lounges, and meeting rooms. The following Student Affairs and student organization offices are also a part of the east wing: Public Safety, Non-Traditional Student Organization, Dean of Students, Associate Dean of Students/Judicial Affairs, Student Activities Office, Student Activities Council, ALANA/International Student Services & Programs, Multicultural Student Society, Latin American Society, African American Studies Club, Student Government Association, B-GLAD, Inter-Greek Council, Center for Service, and the Orientation/Student Leadership Program Office.

An annex to the Campus Center is Hoosac Harbor, located in the lower level of Hoosac Hall. Activities such as dances, comedy shows, and movies take place there. Hoosac Harbor also provides open recreational time for students where they can play pool, ping-pong, foosball, air hockey, board games, and have access to a large screen television at no cost.

**Center for Service and Citizenship** - The relationship between Massachusetts College of Liberal Arts and Northern Berkshire Community is enhanced by the large number of students who give their time and effort to the community. Students participate in a variety of opportunities, such as one-time events, student-driven activities, and on-going programs. Students can also engage in service-learning activities within course curriculum, receiving academic credit for fulfilling the service requirements of the course. By providing service to the community, students make positive differences, learn from the experience, and are better prepared to be contributing citizens in the future. The Center is located on the 3rd floor of the Campus Center.

**Fitness Center** - Located on the second floor of the Campus Center, the Fitness Center includes a variety of strength conditioning equipment for each of the main muscle groups, as well as cardiovascular equipment. The fitness equipment, with treadmills, rowing machines, stair steppers, computerized cycles, upper body ergometers and free weights assists students to develop endurance and maintain overall physical fitness. Workshops are offered for the novice, and both group and individual programs challenge students to achieve their personal best.

## **Housing**

**On-Campus Housing** - The College provides on-campus accommodations conducive to intellectual development, personal growth, and the building of friendships. The residential experience is an integral part of the educational process at Massachusetts College of Liberal Arts. Students in good standing are guaranteed on-campus housing during their college career.

The three on-campus residence areas (Berkshire Towers, Hoosac Hall, and the Flagg Townhouse Apartment Complex) house approximately 1,000 students. The staffing in each residence area includes a professional administrator and a team of para-professional Resident Advisors.

**Off-Campus Housing** - The Office of Student Life provides off-campus students with listings of available housing in the North Adams area.

Dean of Students: Scott Kalicki, Ph.D.  
(413) 662-5231, skalicki@mcla.edu

## STUDENT AFFAIRS INFORMATION AND SUPPORT SERVICES

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**Residency Requirement** - All students, other than those classified by the College as commuters and non-traditional students, are required to live on campus and participate in a College-designated meal plan for their first three years. Questions regarding the residency requirement should be directed to Admissions (new students) or the Office of Student Life (returning students).

**Literary Magazine - Spires** - The College's student-produced arts and literary magazine is published in the spring under the auspices of the English/Communications Department. It features original poetry, fiction, artwork, and photographs by the campus community with an emphasis on student work.

**Newspaper - The Beacon** - The weekly campus newspaper and its on-line version, published by students, is open to all. Students enrolled in the practica courses and internships assume editorial positions. Noneditorial positions include photography, advertising sales and design, distribution, and business management. Applications are accepted near the end of each semester.

**The Beacon** is a founding member of The New England Collegiate Newspaper Association (NECNA) and a member of the Columbia Scholastic Press Association (CSPA). The newspaper has won numerous awards, including NECNA Newspaper of the Year Award, and the Merit Award.

**Public Safety** - The Office of Public Safety has a Director, Sergeant, and a complement of officers, dispatchers and clerical staff who provide service around the clock. A walking escort service by a campus police officer is provided upon request. Portable engravers are available for students wishing to engrave identifying numbers on items of value. The office is located on the first floor of the Campus Center. Resident freshmen are not allowed vehicles on campus.

Out-of-state students are required by state law to register their vehicles with the North Adams Police Department. Parking on campus is limited and by permit only. Resident student parking permits become available through a lottery conducted by the Office of Student Life. A resident parking permit can be purchased for \$50 per semester. Commuter parking permits are issued on a first come basis upon application and presentation of car registration, valid college ID, and driver's license. Commuter parking permits are \$25 per semester. All student vehicles must be registered with the campus Department of Public Safety.

**Radio Station - WJJW-FM** - WJJW is the radio station of Massachusetts College of Liberal Arts. At 91.1 on the FM dial, WJJW broadcasts live programs in stereo which are designed to serve the campus and surrounding communities with music, news, sports, and public affairs programming.

WJJW is staffed by student volunteers who have a sincere interest in obtaining valuable broadcasting experience and serving the College and region. WJJW offers practical experience in most aspects of radio broadcasting and is part of the Broadcast Media Concentration of the English/Communications Department. Visitors are welcome.

**Religious Life** - The College recognizes student-lead organizations which conduct religious programs. Local clergy have the opportunity to maintain weekly office hours at the Hoosac Bank Student Wellness Center. Several community churches are within close walking distance of the College and welcome students.

### **Sports and Recreation**

**Intercollegiate Athletics** - Athletic programs at Massachusetts College provide a variety of opportunities for students. Sports for men and women receive equal emphasis and the quality of competition is similar in all sports. Adequate facilities and competitive opportunities with other institutions support students as they seek high levels of performance.

As members of the Massachusetts State College Athletic Conference, teams representing Massachusetts College follow the principles that govern intercollegiate athletics as adopted by the National Collegiate Athletic Association (Division III) and the Eastern College Athletic Conference. The College does not offer athletic scholarships.

# STUDENT AFFAIRS INFORMATION AND SUPPORT SERVICES

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Dean of Students: Scott Kalicki, Ph.D.  
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## FALL

Soccer (Men)  
Soccer (Women)  
Tennis (Women)  
Volleyball (Women)  
Golf (Men)

## Sports offered are:

### WINTER

Basketball (Men)  
Basketball (Women)  
Hockey (Men)

### SPRING

Softball (Women)  
Baseball (Men)

Approximately two and a half miles from the campus MCLA's Joe Zavattaro Athletic Complex is on West Shaft Road, south off Route 2 or east off Church Street.

**Intramural Program** - Intramural activities support a wide range of interests from quiet recreational games to team sports. Close to eighty percent of the student population typically participates in intramural offerings. Intramurals provides students with many opportunities to gain leadership experience by serving as an Intramural Council member, team captain, timer, scorer, official, statistician, or supervisor. Students may also gain experience in program organization and administration

**Student Government Association (SGA)** - The SGA allows students to participate in the College's decision-making and governance process. Through SGA, students can participate in decisions about campus programs, services, and academic issues. The SGA also administers the Student Activities Trust Fund, which is created through Student Activities Fees and supports all SGA recognized clubs and organizations. The Student Government office is located on the 3rd floor of the Campus Center.

**Vietnam Veterans Memorial Skating Rink** - The College operates a skating rink facility located at 1267 South Church Street, North Adams, approximately one mile south of campus. In addition to housing the College's Hockey Team, the rink is often open for intramural activities and open skating. Part-time student employment opportunities are also available. Additional information about the ice rink and its programs is available at (413) 662-5112.

**Wellness Center** - The Hoosac Bank Student Wellness Center, located next to the Admissions Building on Blackington Street, opened in April, 2001. Within the newly renovated building, students will find **Health Services**, on the first floor, and **Counseling Services**, on the second floor.

In addition, there is an **Area Clergy Office** where clergy members can provide consultation to students on matters of faith and/or spirituality. The clergy members represent religious organizations and ministries in the Northern Berkshire County area.

**Counseling Services** - Counseling Services provides personal and psychological counseling to help students achieve their academic and individual goals. Licensed mental health counselors offer individual and group counseling, addressing emotional and social concerns and/or personal growth and development. The office is open Monday-Friday, from 8:30 am to 4:30 p.m.

Educational workshops and programs promote mental health (i.e., assertiveness, interpersonal communication, depression screening) and provide preventative education (e.g., sexual assault, stress management). The ADEPT (Alcohol and Drug Education, Prevention, and Training) Program supports individuals and organizations in making intelligent choices about the use of alcohol and other drugs. Students may become involved as peer educators on campus.

**Health Services** - The Office of Health Services provides students with acute health care at no charge for on-campus visits. A nurse practitioner or registered nurse is on duty from 8:30 a.m. to 4:00 p.m., Monday through Friday. A physician is available for consultation between 1:00 p.m. and 2:00 p.m., Monday through Thursday. Necessary referrals to off-campus specialists are arranged through Health Services located in the Hoosac Bank Student Wellness Center.

Health Services offers a broad range of services including; out-patient services on a walk-in basis, first aid for injuries, referrals, basic bloodwork, throat culture, urinalysis, pregnancy testing, free condoms, routine gynecological services, birth control counseling, routine medications, resources for health information, health counseling, and education.

Emergency room and in-patient services are available at North Adams Regional Hospital, which is about five minutes from the campus. Students coming to Massachusetts College of Liberal Arts should have a copy of their health insurance card to facilitate off-campus health care or the purchase of prescription medications.

Dean of Students: Scott Kalicki, Ph.D.  
(413) 662-5231, skalicki@mcla.edu

## STUDENT AFFAIRS INFORMATION AND SUPPORT SERVICES

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**Required Insurance** - A student health insurance policy providing basic health care coverage is required by the Commonwealth. Unless a waiver form with a copy of the student's health insurance card showing proof of comparable insurance is received, the Bursar's Office will bill for this insurance.

**Required Health Information** - All students carrying a course load of 9 credits or more are required to submit a completed health form to the Health Services Office to prevent delay and/or invalidation of registration for classes. This health form includes a completed physical within one year prior to admission. The College Immunization Law of the Commonwealth of Massachusetts (Chapter 76, Section 15C) requires the following immunizations: (1) proof of 2 doses of live measles vaccine given at least one month apart at or after 12 months of age. (2) proof of at least one dose of mumps and rubella vaccine(s) given at or after 12 months of age (2 MMRs acceptable), (3) a booster dose of tetanus and diphtheria within the last ten years prior to admission, (4) entering freshmen, sophomores, juniors, and all students in the Athletic Trainer program are required to have Hepatitis B immunization series (three vaccinations with dates recorded as month and year for each vaccine signed by a licensed medical professional), and (5) exemption from measles, mumps, rubella, and Hepatitis B vaccination is made for students presenting laboratory evidence of immunity (titres) or for students providing written documentation that he or she meets the standards for medical or religious exemption set forth in M.G.L.Ch. 76, Sect. 15C. (The above immunization requirements may be different for international students. Prospective international students should contact the Admission's Office for information.)

The American College Health Association also recommends meningococcal immunization (to prevent meningitis). The Center for Disease Control and the Massachusetts Public Health Department recommend 2 doses of varicella vaccine (to prevent chickenpox) for students who have never had documented chickenpox and 3 doses of Hepatitis B vaccine.

The College is committed to protecting medical information about our students. We understand that medical information about a student is personal. The College complies with the policies and practices of the Health Insurance Portability and Accountability Act (HIPAA). All campus Health Care Providers post our Notice of Privacy Practices, per the HIPAA regulations. If you have any questions regarding our practices, or your rights under HIPAA, please contact the Dean of Students (3<sup>rd</sup> floor, Amsler Campus Center).

For more information about Health Services visit the Office or call extension 5421.

# **FACULTY LISTING**

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## **BIOLOGY DEPARTMENT**

### **PROFESSORS**

Harold G. Brotzman: mycology, developmental biology, botany, scientific photography

B.S., State University of New York College of Forestry, 1964

M.S., University of Maine, 1967

Ph.D., University of Iowa, 1972

C. Barre Hellquist: natural history, plant systematics, plants and society, vertebrate natural history, biology of Australia

A.A.S., Paul Smith's College, 1962

B.S., University of New Hampshire, 1965

M.S., University of New Hampshire, 1966

Ph.D., University of New Hampshire, 1975

Jerry Smosky: genetics, physiology, immunology, evolution

B.S., Appalachian State Teachers College, 1964

M.S., University of South Carolina, 1967

Ph.D., University of South Carolina, 1970

### **ASSOCIATE PROFESSORS**

Monica Joslin: anatomy, nutrition, physiology

B.S., University of Oslo, Norway

M.S., University of Oslo, Norway, 1978

Ph.D., State University of New York, Albany, 1983

### **ASSISTANT PROFESSORS**

Ann Billetz: biochemistry, cell biology, parasitology

B.S., Walsh College, 1992

M.S., Cleveland State University, 1994

Ph.D., Cleveland State University, 1998

Michael T. Ganger: ecology, aquatic biology, environmental science, zoology

B.S., Siena Heights University, 1990

M.S., University of New Hampshire, 1992

Ph.D., University of New Hampshire, 1998

## **BUSINESS ADMINISTRATION AND ECONOMICS DEPARTMENT**

### **PROFESSORS**

Behzad Khajehzadeh (Ben Kahn): economics, management

B.S., University of Teheran, 1975

M.A., State University of New York at Albany, 1979

Edward Miano: management, accounting

B.A., Montclair State College, 1972

M.B.A., Pace University, 1978

Gregory O'Connor: marketing, management, senior seminar

B.S. B.A., Boston College, 1972

M.B.A., Suffolk University, 1974

M.P.A., Suffolk University, 1976

Nancy L. Ovitsky: marketing, economics, management

B.A., University of Illinois, 1973

M.S., University of Illinois, 1977

Ph.D., University of Illinois, 1982

Richard Yanow: senior seminar, finance, investing

B.S., Wharton School, University of Pennsylvania, 1959

M.B.A., Harvard Business School, 1961

Reza Zomorrodian: economics, management

B.S., National University of Iran, 1972

M.B.A., Indiana University at Bloomington, 1977

M.A., Indiana University at Bloomington, 1979

Ed.D., University of Massachusetts, 1990

# FACULTY LISTING

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## **ASSOCIATE PROFESSORS**

Robert F. Buckley: marketing, management, senior seminar

B.S., Ohio State University, 1969

M.B.A., Xavier University, 1971

Avaz Hajizadeh: economics, finance

B.S., Pahlavi University, Shiraz, Iran, 1973

M.B.A., James Madison University, 1977

M.S., Rensselaer Polytechnic Institute, 1979

Ph.D., Rensselaer Polytechnic Institute, 1985

James S. Moriarty: accounting, finance, Director of Business/Resource Center

B.S., American International College, 1977

M.B.A., American International College, 1980

## **ASSISTANT PROFESSOR**

Norreen V. Opper: accounting

B.S., SUNY - Binghamton, 1975

M.B.A., Union College, 1990

## **CHEMISTRY DEPARTMENT**

### **ASSOCIATE PROFESSOR**

David M. Levine: instrumental methods, quantum chemistry, physical chemistry

B.S., Tufts University, 1962

M.S., University of Southern California, 1968

Ph.D., Pennsylvania State University, 1973

### **ASSISTANT PROFESSOR**

Joseph Rugutt: medicinal, organic, analytical, and environmental chemistry

B.S., Moi University, Eldoret, Kenya, 1989

Ph.D., Louisiana State University, 1996

## **COMPUTER SCIENCE DEPARTMENT**

### **PROFESSOR**

William J. Spezeski: information system development, database management, web page design

B.S., University of Massachusetts, 1964

M.S., Clark University, 1966

### **ASSOCIATE PROFESSORS**

Leonard E. Adelson: computer applications

B.A., Northeastern University, 1965

Ph.D., Cornell University, 1970

Peter H. Allmaker: hardware, networking, data communications

B.A., Williams College, 1974

M.Ed., Framingham State College, 1980

### **ASSISTANT PROFESSOR**

Mauricio Marengoni: visual imaging

B.S., Fac. de Engenharia Industrial, 1983

M.S., Institute Nac. de Pesq. Espaciais, 1992

M.S., University of Rochester, 1994

Ph.D., University of Massachusetts, 1999

## **EDUCATION DEPARTMENT**

### **PROFESSORS**

Roselle K. Chartock: curriculum and instruction, social studies education

B.S., Skidmore College, 1966

M.S., Hunter College, 1971

Ed.D., University of Massachusetts, 1979

# FACULTY LISTING

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## ASSOCIATE PROFESSOR

Ellen P. Barber: gender, ethics, education leadership, foundations  
B.S., State University of New York, 1971  
M.Ed., North Adams State College, 1992  
Ed.D., Hofstra University, 1995

## ASSISTANT PROFESSORS

Dana Rapp: curriculum theory, teachers and civil disobedience, democratic practice  
B.A., Alliance Francaise, 1985  
B.A., Indiana University, 1988  
M.A., James Madison University, 1995  
Ph.D., Indiana University, 1998  
Ann C. Scott: reading and writing, multicultural education, language acquisition  
B.A., Smith College, 1991  
M.Ed., University of Massachusetts, Amherst, 1995  
Ed.D., University of Massachusetts, Amherst, 2001

## ENGLISH/COMMUNICATIONS DEPARTMENT

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### PROFESSORS

Robert E. Bishoff: film, American literature, theatre, dramatic literature, playwriting  
B.S., Centenary College of Louisiana, 1964  
M.A., New Mexico Highlands University, 1966  
Ph.D., University of Massachusetts, 1974  
Meera T. Clark: Shakespeare, British renaissance, British romanticism, Greek drama, literary theory  
B.A., University of Madras, 1960  
M.A., University of Madras, 1961  
Ph.D., University of Massachusetts, 1977  
Mary Ellen Cohane: Irish literature, folklore, ecology and literature  
B.A., Fairfield University, 1976  
M.A., University of Pennsylvania, 1980  
Ph.D., University of Pennsylvania, 1984  
Joseph M. Ebiware: mass media, broadcast journalism, speech, scriptwriting  
B.S., Syracuse University, 1978  
M.S., Syracuse University, 1979  
Ph.D., Syracuse University, 1985  
Harris J. Elder: radio production, film, sports literature  
B.A., Oklahoma State University, 1968  
Ph.D., Oklahoma State University, 1979  
David J. Langston: comparative literature, literary theory, film, romanticism  
B.A., Oklahoma Baptist University, 1967  
M.Div., Union Theological Seminary, 1971  
Ph.D., Stanford University, 1977  
Paul E. LeSage: journalism, business writing, literature  
B.A., Norwich University, 1969  
M.A., Idaho State University, 1971  
Ph.D., University of Massachusetts, 1990  
Mark D. Miller: American literature, poetry, Robert Penn Warren  
B.A., University of Houston, 1976  
M.A., University of Houston, 1979  
Ph.D., University of Texas, 1985  
Donald E. Washburn: linguistics, literature, writing  
B.A., Yale University, 1954  
M.A.T., Yale University, 1955  
Ph.D., University of Denver, 1962

### ASSOCIATE PROFESSORS

Abbot W. Cutler: creative writing (fiction, poetry), 20<sup>th</sup> century poetry, environmental literature  
B.A., Harvard University, 1965  
M.F.A., Sarah Lawrence College, 1975

# FACULTY LISTING

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H. Benjamin Jacques: writing (nonfiction), journalism, literature  
B.A., California State College, 1969  
M.A., University of Arizona, 1975

Elizabeth G. Lambert: film studies, literature by women, science and literature  
B.A., University of Southern California, 1975  
M.A., University of Wisconsin, Madison, 1981  
Ph.D., University of Massachusetts, Amherst, 1991

## **ASSISTANT PROFESSORS**

Michael Birch: television production, mass media, intercultural communications, writing  
B.A., King Alfred's College, 1992  
M.A., University of Lancaster, 1994  
Ph.D., University of Liverpool, 2002  
Guillermo Gibens: journalism, intercultural communications, film, public relations  
B.A., Catholic University Andres Bello, 1981  
M.A., University of Kansas, 1986

## **FINE AND PERFORMING ARTS DEPARTMENT**

### **PROFESSORS**

Christine Condaris: vocal ensembles, ethnomusicology, musicology  
B.A., Wesleyan University, 1979  
M.A., New York University, 1982  
Ph.D., Wesleyan University, 1987  
W. Anthony Gengarely: art history, museum studies, arts management  
B.A., Yale University, 1963  
M.A.R., Yale Divinity School, 1966  
M.A., Williams College, 1988  
Ph.D., Boston University, 1972

### **ASSOCIATE PROFESSOR**

Bonnie H. Bishoff: acting, directing, dramatic literature  
B.A., Oklahoma State University at Goodwell, 1967  
M.F.A., University of Massachusetts, 1973

### **ASSISTANT PROFESSORS**

Brian J. Fitzpatrick: theory, composition, jazz, instrumental ensembles  
B.S., Central Connecticut State University, 1982  
M.M., University of Hartford, 1988  
Ph.D., Ohio University, 1996  
Douglas Jenkins: directing, theatre history, technical theatre, arts management  
B.S., University of Texas at Arlington, 1977  
M.A., Stephen F. Austin State University, 1989  
Ph.D., Bowling Green State University, 1992  
Gregory Scheckler: visual art, arts management, interdisciplinary arts  
B.A., University of Notre Dame, 1990  
B.F.A., Washington University, 1992  
M.F.A., Utah State University, 1996

## **HISTORY/POLITICAL SCIENCE/GEOGRAPHY DEPARTMENT**

### **PROFESSORS**

Robert E. Bence: Canada, international relations, political science  
B.S., Indiana University of Pennsylvania, 1966  
M.Ed., Indiana University of Pennsylvania, 1967  
M.A., West Virginia University, 1970  
D.A., Lehigh University, 1977



# **FACULTY LISTING**

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Clark H. Billings: American history, political science

B.A., University of New Hampshire, 1963

M.A., Florida State University, 1966

Daniel P. Connerton: European history, world civilization

B.A., University of Rhode Island, 1961

M.A., Georgetown University, 1963

Ph.D., University of North Carolina, 1973

A. Donald Hyers: geography, geology

B.A., Elmhurst College, 1966

M.A., Western Michigan University, 1969

Ph.D., Arizona State University, 1980

Frances Jones-Sneed: American history, women's studies, African-American Studies

B.A., Tougaloo College, 1970

M.A., Northwestern University, 1971

Ph.D., University of Missouri - Columbia, 1991

## **ASSOCIATE PROFESSORS**

Kailai Huang: Asian history, world civilization

B.A., Hebei University, Baoding, China, 1982

M.A., Beijing Normal University, Beijing, China, 1984

Ph.D., State University of New York, Binghamton, 1993

Sharon M. Thomas: geography, travel & tourism

B.A., Arizona State University, 1968

M.A., Arizona State University, 1975

Ph.D., Arizona State University, 1980

## **LIBRARIAN**

### **ASSOCIATE LIBRARIAN**

Linda Kaufmann

B.A., Marlboro College, 1978

M.L.S., State University of New York at Albany, 1992

## **MATHEMATICS DEPARTMENT**

### **ASSOCIATE PROFESSOR**

Fredricka Bennett: graph theory, history of mathematics, probability theory

B.A., Drew University, 1976

M.A., University of Massachusetts, Amherst, 1983

Ph.D., University of Massachusetts, Amherst, 1983

### **ASSOCIATE PROFESSOR**

Alla D. Kucher: applied mathematics and theoretical mechanics

B.S., Gorky Lobachevsky University, 1969

M.S., Gorky Lobachevsky University, 1969

Ph.D., National University of Civil Engineering, Moscow, 1984

## **PHILOSOPHY/MODERN LANGUAGE/INTERDISCIPLINARY STUDIES DEPARTMENT**

### **PROFESSORS**

Matthew R. Silliman: social & political philosophy, history of philosophy

B.A., Earlham College, 1979

M.A., Purdue University, 1984

Ph.D., Purdue University, 1986

# FACULTY LISTING

---

Marc A. Goldstein: history of ideas

B.A., Syracuse University, 1962

M.A., Harvard University, 1964

Ph.D., Brandeis University, 1973

William M. Montgomery: history of science

B.A., University of Texas, 1964

Ph.D., University of Texas, 1974

## **ASSOCIATE PROFESSOR**

David K. Johnson: epistemology and metaphysics, ethics

B.A., Georgetown University, Washington, DC, 1979

Ph.D., University of Massachusetts, Amherst, 1990

## **ASSISTANT PROFESSOR**

Kristy Kay Mathiesen: social ontology, political and social philosophy, ethics

B.A., University of California, Santa Cruz, 1987

M.A., University of California, Irvine, 1995

Ph.D., University of California, Irvine, 1998

Graziana Ramsden: Spanish literature & film, Latin American literature & film, gender theory

M.A., University of Venice, 1993

A.B.D., University of California, Santa Barbara

## **PHYSICAL EDUCATION DEPARTMENT**

### **ASSOCIATE PROFESSOR**

Ronald W. Shewcraft: anatomy, biomechanical analysis of movement

B.S., West Virginia University, 1974

M.S., West Virginia University, 1977

## **PHYSICS DEPARTMENT**

### **PROFESSORS**

William G. Seeley: solid state physics, astronomy, applied physics

S.B., Massachusetts Institute of Technology, 1958

M.S., Williams College, 1962

Ph.D., State University of New York at Albany, 1972

Carl A. Wolf: astrophysics, general relativity

B.S., Stevens Institute, 1963

M.A., Harvard University, 1964

Ph.D., Harvard University, 1969

### **ASSISTANT PROFESSOR**

Adrienne H. Wootters: condensed matter physics

B.S., University of Texas at Austin, 1980

M.S., University of Texas at Austin, 1982

Ph.D., University of Massachusetts, 2002

## **PSYCHOLOGY DEPARTMENT**

### **PROFESSORS**

Peggy R. Brooks: clinical psychology, psychology of women, health psychology

B.A., University of Florida, 1973

M.A., University of Florida, 1975

Ph.D., University of Florida, 1977

Deborah A. Foss: human sexuality, research methods, social diversity

B.A., Southeastern Massachusetts University, 1978

Ph.D., State University of New York at Albany, 1984

# FACULTY LISTING

---

Timothy B. Jay: psycholinguistics, cognition, communication and perception

B.A., Miami University, 1972

M.A., Kent State University, 1974

Ph.D., Kent State University, 1976

James L. May: social/personality, industrial/organizational/environmental, research methods

B.A., Idaho State University, 1967

M.S., Kansas State University, 1972

Ph.D., Kansas State University, 1974

## ASSISTANT PROFESSORS

Maria Bartini: aggression in childhood and adolescence, gender development, school transitions

B.S., College of William & Mary, 1993

M.S., University of Georgia, 1996

Ph.D., University of Georgia, 1999

Thomas Byrne: behavior analysis, biological psychology, drugs and human behavior

B.A., University of Florida, 1994

M.A., Western Michigan University, 1996

Ph.D., Western Michigan University, 1998

## SOCIOLOGY/ANTHROPOLOGY/SOCIAL WORK DEPARTMENT

### PROFESSORS

Diane L. Balduzy: aging, death, minority groups, population, research methods

B.A., Arkansas State University, 1974

M.A., The University of Texas-El Paso, 1978

Ph.D., Case Western Reserve University, 1985

Sumi E. Colligan: medical anthropology, gender, religion, the Middle East

B.A., University of California, Berkeley, 1974

M.P.H., University of California, Berkeley, 1984

Ph.D., Princeton University, 1980

Michele Ethier: clinical and administrative social work, gender, popular culture

B.A., University of Massachusetts/Amherst, 1975

M.A., State University of New York at Stony Brook, 1978

MSW, State University of New York at Stony Brook, 1981

Stephen A. Green: social inequality, community, deviance, research

B.A., City College of the City University of New York, 1967

Ph.D., City University of New York, 1978

Leonard F. Paolillo: crime and delinquency, the law, social problems

B.A., University of Notre Dame, 1965

Ph.D., Florida State University, 1969

Maynard S. Seider: sociology of work and business, social change, theory

B.A., University of Connecticut, 1964

M.A., University of Wisconsin, 1967

Ph.D., University of Wisconsin, 1973

Myles H. Whitney: treatment of delinquents, social welfare, the family

B.A., Bloomfield College, 1969

M.A.T., University of Massachusetts, 1973

M.S.W., University of Connecticut, 1976

Ph.D., University at Albany, SUNY, 1996

### ASSISTANT PROFESSOR

Susan Birns: applied anthropology, family violence, social welfare policy

B.A., Kenyon College, 1973

M.A., Miami University of Ohio, 1975

Ph.D., Syracuse University, 1997

# FACULTY LISTING

---

## EMERITUS FACULTY

William S. Anderson, Jr., Ph.D., Professor of Psychology  
Frederick K. Bressette, Ed.D., Professor of English  
John L. Conklin, Ph.D., Professor of Education  
Virginia W. Davis, M.A.E., Associate Professor of Art  
Paul G. Duguet, M.S., Associate Professor of Computer Science  
Arthur W. Eade, M.S., Associate Professor of Computer Science  
Ruth J. Fresia, M.Ed., Assistant Professor of Mathematics  
Susan D. Getchell, M.Ed., Associate Professor of Physical Education  
Ernest Giangrande, Jr., M.S., Associate Professor of Computer Science  
George F. Gloster, M.S.T., Assistant Professor of Mathematics  
Stephen K. Grant, Ph.D., Professor of Business Administration  
Robert V. Hamilton, Ph.D., Professor of Psychology  
Randall G. Hansis, Ph.D., Professor of History  
Maurine E. Horsman, Ed.D., Professor of English  
Paul M. Humora, M.S., Associate Professor of Biology  
Fred Johns, Ph.D., Professor of Biology  
Joseph C. Jordan, Sr., M.A., M.Ed., Assistant Professor of Mathematics  
Suzanne W. Kemper, M.L.S., Librarian  
Elizabeth Kendall, M.S., Professor of Business Administration  
Dwight D. Killam, Mus.A.D., Professor of Music  
Margaret M. Lanoue, M.Ed., Associate Professor of Education  
Jane W. LePage, M.S., Professor of Music  
William Mahoney, M.A.T., Associate Professor of Fine and Performing Arts  
Charles Mark, Ph.D., Professor of Sociology, Anthropology and Social Work  
Richard E. Markham, Ph.D., Professor of Interdisciplinary Studies  
Peter J. Markou, M.S.B.A., Professor of Business Administration  
Duncan W. MacKenzie, Ph.D., Professor of Biology  
Neil N. McLeod, M.Ed., Assistant Professor of Education  
Patricia Mowbray, M.P.Ed., Assistant Professor of Physical Education  
William R. Minardi, M.S., Assistant Professor of Education  
Louise E. Mulligan, Ph.D., Professor of English  
Joseph G. Murray, M.A., Assistant Professor of Computer Science  
Lea B. Newman, Ph.D., Professor of English  
Anthony J. Nicastro, Ph.D., Professor of Modern Language  
Patricia J. Prendergast, Ph.D., Professor of Education  
Michael A. Sabol, Ph.D., Professor of Chemistry  
Ellen Schiff, Ph.D., Professor of Modern Language  
James R. Schoen, Ph.D., Professor of Psychology  
Richard A. Sleeman, Ph.D., Professor of Education  
James M. Snyder, M.B.A., Assistant Professor of Business Administration  
Lawrence H. Vadnais, Jr., M.Ed., Associate Professor of Sociology  
Vida Ann Vliet, Ph.D., Professor, English  
Robert R. Wheeler, M.A., Assistant Professor of English/Communications  
Lawrence E. Wright, Ph.D., Associate Professor of Computer Science  
Joseph Zavattaro, M.Ed., Assistant Professor of Physical Education

# COLLEGE ADMINISTRATION

---

## **PRESIDENTS OF MASSACHUSETTS COLLEGE OF LIBERAL ARTS**

Frank Fuller Murdock, Principal, 1896-1921  
Roy Leon Smith, A.B., Principal, 1921-1932  
Albert Gould Eldridge, M.A., 1932-1936  
Grover Chester Bowman, Ed.D., L.H.D. (hon.), 1937-1954  
Eugene Lawrence Freel, Ph.D., 1955-1966  
Andrew Sinclair Flag, M.Ed., 1966-1969  
James Thomas Amsler, Ed.D., 1969-1979  
William Paul Haas, Ph.D., D.D. (hon.), LL.D. (hon.),  
L.H.D. (hon.), D.B.A. (hon.), 1979-1983  
Catherine Anne Tisinger, Ph.D., LL.D. (hon.), 1984-1991  
Thomas David Aceto, Ed.D., LL.D. (hon.) 1991-2002  
Mary K. Grant, Ph.D., 2002-

## **MASSACHUSETTS BOARD OF HIGHER EDUCATION**

Stephen P. Tocco, Chair, Boston  
John C. Brockelman  
Matthew E. Carlin  
David P. Driscoll, Ex-officio  
Christine M. Griffin  
W. E. David Halbert, Student Trustee  
M. Howard Jacobson  
Kathleen A. Kelley  
Aaron D. Spencer  
Richard Taylor

## **BOARD OF TRUSTEES**

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Jane B. Allen, Williamstown  
Maxwell Ayisi, Student Trustee  
Dr. John Chandler, Williamstown  
Stephen Crowe, Williamstown  
Stephen E. Fix, Williamstown  
Matthew C. Harris, Williamstown  
Richard C. Lamb, Williamstown  
John F. Marcus, Walpole  
Joelle McDonough, Esq., North Adams  
Jennifer Trainer Thompson, Williamstown  
Mary K. Grant, Ph.D., President, Ex-officio

## **PRESIDENT**

Mary K. Grant  
B.A., North Adams State College, 1983  
M.S., University of Massachusetts, 1986  
Ph.D., Brandeis University, 2000

## **VICE-PRESIDENT FOR ACADEMIC AFFAIRS**

John P. Frazee  
B.A., University of Colorado, 1970  
M.A., University of California, 1973  
Ph.D., University of California, 1979

## **VICE-PRESIDENT FOR ADMINISTRATION AND FINANCE**

James A. Stakenas  
B.M.E., Central Michigan University, 1975  
M.M., Central Michigan University, 1979  
Ph.D., University of Nebraska, 1985

## **DEAN OF ACADEMIC STUDIES**

Monica Joslin  
B.S., University of Oslo, Norway  
M.S., University of Oslo, Norway, 1978  
Ph.D., State University of New York, Albany, 1983

## **DEAN OF ENROLLMENT MANAGEMENT**

Denise Richardello  
B.S., North Adams State College, 1977  
M.Ed., North Adams State College, 1981

## **DEAN OF STUDENTS**

Scott Kalicki  
B.A., M.A., University of Hartford, 1976, 1977  
Ph.D., State University of New York at Albany, 1997

## **ASSOCIATE DEAN OF STUDENTS**

Charlotte F. Degen  
B.A., North Adams State College, 1973  
M.Ed., Springfield College, 1974

## **ASSOCIATE DEAN OF ACADEMIC SUPPORT SERVICES**

Stephen A. Green  
B.A., City College of the City University of NY, 1967  
Ph.D., City University of New York, 1978

## **ASSOCIATE DEAN OF INFORMATION TECHNOLOGY**

Peter H. Allmaker  
B.A., Williams College, 1974  
M.Ed., Framingham State College, 1980

## **ASSOCIATE DEAN OF LIBRARY AND INFORMATION SERVICES**

Allen S. Morrill  
B.A., Hanover College, 1983  
M.L.S., Indiana University School of Library  
Information Science, 1985

# COLLEGE ADMINISTRATION

---

## **ADVANCEMENT**

Ellen L. Kennedy, Chief Advancement Officer  
Assistant to the President  
B.S., North Adams State College, 1983  
M.B.A., University of Massachusetts, Amherst, 1989

## **ALUMNI DEVELOPMENT**

Janice G. Messer, Director of Alumni  
Development & Programs  
B.S., Chestnut Hill College, 1961  
M.S., Antioch New England Graduate School, 1991

## **ASSISTANT TO THE PRESIDENT/CLERK OF THE BOARD/OMBUDSMAN**

Phyllis K. Kelly  
B.S., Wichita State University, 1972  
M.Ed., University of New Hampshire, 2000

## **ATHLETICS**

Scott F. Nichols, Director of Athletics  
B.S., Boston College, 1978  
M.S., California State University at Fullerton, 1988

## **BURSAR**

James T. Cozzaglio, Bursar  
B.S.A., Bentley College, 1969

## **CAREER SERVICES**

Sharron L. Zavattaro, Director of Career Services  
B.S., North Adams State College, 1985  
M.Ed., Springfield College, 1988

## **COMPUTER SERVICES**

John J. Truskowski, Director of Computer Services  
B.S., Northeastern University, 1975

## **COUNSELING SERVICES**

Erica S. Forrest, Coordinator of Counseling  
B.A., Goddard College, 1966  
M.S.W., Simmons School of Social Work, 1969  
A.C.S.W., Simmons School of Social Work, 1971  
LIC.S.W., Simmons School of Social Work, 1981

## **FACILITIES MANAGEMENT**

Reynolds Thompson, Director of Facilities Management  
B.A., Princeton University, 1964  
M.A., Harvard University, 1968  
M. of Architecture, Mass. Institute of Technology, 1968

## **FINANCIAL AID**

Elizabeth Petri, Director of Financial Aid  
A.A., Berkshire Community College, 1977  
B.S., North Adams State College, 1979  
M.Ed., Massachusetts College of Liberal Arts, 1998

## **HEALTH SERVICES**

JoAnn Tierney, Director Health Services/Nurse Practitioner  
A.S., Berkshire Community College, 1990  
B.S., University of Massachusetts, 1992  
M.S., Family Nurse Practice, Sage Graduate School 1997

## **HUMAN RESOURCES & PAYROLL SERVICES**

Marilyn C. Truskowski, Director of Human Resources/  
Affirmative Action  
A.S., Becker Junior College, 1970  
B.S., North Adams State College, 1984

## **INSTITUTIONAL RESEARCH & GRANTS**

Joseph P. DeOrdio, Director of Institutional Research &  
Grants  
A.B., M.Ed., University of Rochester, 1964, 1968  
Ph.D., Kansas State University, 1971

## **LEARNING SERVICES**

Theresa R. Miller, Director, Learning Services  
B.S., M.Ed., North Adams State College, 1976, 1978

## **LIFELONG LEARNING**

Jamie Choquette, Assistant Director of Lifelong Learning  
B.A., Massachusetts College of Liberal Arts, 1997

## **PUBLIC RELATIONS**

Lorelei Gazzillo, Director of Public Relations  
B.A., Keene State College, 1991  
M.Ed., Massachusetts College of Liberal Arts, 1999

## **PUBLIC SAFETY**

Douglas McNeil, Director of Public Safety  
B.A., North Adams State College, 1989

## **REGISTRAR**

Kathleen Goff, Director of Student Records and Registrar  
B.S., North Adams State College, 1985  
M.Ed., Massachusetts College of Liberal Arts, 2001

## **STUDENT LIFE**

Dianne Manning, Director of Student Life  
B.A., M.Ed., State University of New York at Buffalo,  
1977, 1980

## **TREASURER**

Gerald F. Desmarais, Treasurer  
B.S., North Adams State College, 1974  
M.Ed., North Adams State College, 1977  
M.B.A., American International College, 1994

## **WOMEN'S CENTER**

Susan Birns, Director of Women's Center  
B.A., Kenyon College, 1973  
M.A., Miami University, 1975  
Ph.D., Syracuse University, 1997

# ALUMNI ASSOCIATION

Director: Janice G. Messer  
(413) 662-5224, [jmesser@mcla.edu](mailto:jmesser@mcla.edu)

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The Massachusetts College of Liberal Arts Alumni Association represents over 10,000 graduates of the College.

The governing body is the Board of Directors comprised of 14 members, 12 of whom are elected by the membership of the Association. Four members are elected on a rotating basis each year. The other two members are the current senior class president and the previous year's senior class president. Board of Directors' meetings are held quarterly and serve as a forum for discussion and decisions regarding the goals of the Association.

The Alumni Office, in conjunction with Massachusetts College of Liberal Arts Foundation, Inc., produces alumni publications which are mailed to the entire membership as well as other college constituencies. The office coordinates special events such as reunions (both on and off campus) and various regional events.

The Association's office is located in Shapiro House and serves as a liaison between the membership and the College.

## **Accommodations for the Handicapped Policy**

In attempting to ensure the rights of all persons to obtain access to courses for which they are qualified, Massachusetts College of Liberal Arts has established policies for advising, registering, evaluating, and keeping records of disabled students.

These policies recognize that 1) the responsibility for academic performance ultimately lies with the student 2) academic decisions lie with the involved faculty 3) modifications can only be made by the department responsible for the course. These policies should, in effect, act as a framework to ensure that the rights of every disabled student are protected while academic standards are preserved.

These policies apply to students who declare a disability.

## **Personal Care Attendant**

Under disability law, obtaining a personal care attendant is the student's responsibility. Students who require a personal care attendant must make arrangements for this service prior to arriving on campus and maintain it throughout their residency. The College reserves the right to verify compliance with this policy.

## **An Act Excusing the Absence of Students for their Religious Beliefs**

Any student in an educational or vocational training institution, other than a religious or denominational educational or vocational training institution, who is unable, because of his/her religious beliefs, to attend classes or to participate in any such examination or study or work requirement, shall be provided with an opportunity to make up such examination, study, or work requirement which he/she may have missed because of such absence on any particular day; provided, however, that such makeup examination or work shall not create an unreasonable burden upon such school. No fees of any kind shall be charged by the institution for making available to the said student such opportunity. No adverse or prejudicial effects shall result to any student because of his/her availing him/herself of the provisions of this section.

## **Notice to Students**

The rules, regulations, policies, fees and other charges, courses of study, and academic requirements that appear in this catalog were in effect at the time of its publication. Like everything else in this catalog, they are published for informational purposes only, and they do not constitute a contract between the College and any student, applicant for admission or other person.

Whether noted elsewhere in this catalog or not, the College reserves the right to change, eliminate, and add to any existing (and to introduce additional) rules, regulations, policies, fees and other charges, courses of study and academic requirements. Whenever it does so, the College will give as much advance notice as it considers feasible or appropriate, but it reserves the right in all cases to do so without notice.

The listing of a course in this catalog is not a guarantee that the course will be offered in any particular semester: course offerings are subject to change in response to student enrollments, faculty availability, changes in program requirements and other circumstances.



# INFORMATION RELEASE

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## Family Educational Right and Privacy Act

Parents and students are hereby notified that Massachusetts College of Liberal Arts complies with the provisions of federal laws governing the privacy and disclosure of student information. The College has adopted a policy for assuring this privacy. This policy defines types and locations of education records, stipulates student and parent rights, describes procedures for parents and students to review and inspect educational records and provides a procedure to file complaints concerning alleged failures by the institution to comply with the federal law. The following chart indicates which personal information about students the College may legally release and which information is restricted by law and may not be released. For more information about this policy contact the Office of the Registrar.

TYPE OF INQUIRY	Anot her Student	Fam ily	Gene ral Publi c	Facul ty	College Depart ments	Student Organiz ations	Govern ment Agencie s	Prospe ctive Emplo yers	Other Educat ional Institu tions
Name of Student	1	1	1	1	1	1	1	1	1
Address and Telephone Number	1	1	1	1	1	1	1	1	1
Major	1	1	1	1	1	1	1	3	1
Dates of Attendance	1	1	1	1	1	1	1	3	1
Degrees/Awards Received	3	3	3	1	1	3	3	3	1
Date of Birth	2	2	2	4	4	4	2-3	2-3	2-3
Class Schedule	2	2*	2*	4	4	4	2	2	2
Grades/Credits/GPA/Rank	2	2	2	4	4	2	2-3	2-3	2-3
Current Academic Status	2	2	2	4	4	4	2-3	2-3	2-3
Transcript (Official Copy)	x	x	x	2	2	x	2	2	2
Transcript (Unofficial/Student Copy)	x	2	x	4	4	x	x	x	x

x Not Applicable

1 Directory Information - Released on an individual basis to any inquiry, unless the student has requested in writing that Directory Information not be released.

2 Student's written permission required.

3 Verification of supplied data only.

4 Released for College use only.

\* In an emergency, may be released.

Information contained in educational records may be released in compliance with a subpoena or court order.

**September 2003**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

- Sept 1 Labor Day
- Sept 2 Late Registration
- Sept 3 Classes Begin
- Sept 9 Drop Period Ends
- Sept 11 Add Period Ends

**October 2003**

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- Oct 13 Columbus Day
- Oct 15 Deadline for Incompletes "I"
- Oct 29 End of Course Withdrawal "W"

**November 2003**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- Nov 11 Veteran's Day Observed
- Nov 26 (Noon) Thanksgiving Break

**December 2003**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

- Dec 1 Classes Resume
- Dec 15 Classes End
- Dec 16 Reading Day
- Dec 17 Finals Begin
- Dec 20 Finals End

**January 2004**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

- Jan 12 Late Registration
- Jan 13 Classes Begin
- Jan 19 Martin Luther King Day
- Jan 20 End of Drop Period
- Jan 22 End of Add Period

**February 2004**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

- Feb 16 President's Day
- Feb 24 Deadline for Incompletes "I"

**March 2004**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- Mar 6 Spring Break Begins
- Mar 22 Classes Resume
- Mar 23 End of "W" Withdrawal Period

**April 2004**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

- Apr 19 Patriot's Day

**May 2004**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- May 18 Classes End
- May 19 Reading Day
- May 20 Finals Begin
- May 25 Finals End
- May 29 Commencement
- May 31 Memorial Day

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