Majors, Minors, and Programs

Course descriptions, organized alphabetically by discipline, begin on page 77.

Accounting

Accounting

Required of all students:
- AC 205 Accounting I
- AC 206 Accounting II
- AC 305 Intermediate Accounting I
- AC 306 Intermediate Accounting II

One of the following:
- AC 308 Cost Accounting
- AC 310 Accounting for Nonprofits
- AC 315 Principles of Taxation
- AC 325 Managerial Accounting
- AC 326 Budgeting and Control
- AC 330 Auditing

Or other suitable, approved courses

Art History

Art History

AH 101 Introduction to Art History

Four additional courses in Art History at or above the 200 level

Biology

Susan Bear, Ph.D.
Elizabeth B. Gardner, Ph.D.
Colleen Krieser, Ph.D.
Ujwala Panse, Ph.D.
Michele M. Talbot, M.S., M.P.H., Coordinator.

The B.A. Program in Biology provides a foundation in the traditional disciplines in biology and chemistry within the context of a liberal arts education. Our goal is for students to achieve a basic understanding of the principles that govern living systems and the methods used to study them. Our program is appropriate for students who wish to pursue a career in health care or the basic sciences. In addition to mastering the course content, successful students will demonstrate the capability to access the research literature, to read it with a general understanding of the methodology and to analyze the data from such literature. A core learning objective is for students to write essays and research papers in the language of science. The courses promote the development of critical thinking and quantitative reasoning.

The biology curriculum provides an education that allows students to pursue numerous careers in health care delivery or the research sciences. The B.A. in biology prepares students for direct entry into research or biotechnology labs as research technicians. The Boston area is a major center of biotechnology and offers the possibility of exciting and productive careers. Our students take advantage of the numerous summer research internship programs in the Boston area. Students interested in pursuing an advanced research degree are competitive for entry into MS/MA or Ph.D. programs upon completion of the B.A. in biology.

The highly competitive clinical professions such as nursing can be accessed in a number of ways. Students who earn a B.A. in Biology are strong candidates for direct entry into accelerated programs at nursing schools (many include a Nurse Practitioner certificate). Students wishing to apply to clinical schools such as medical, dental, or veterinary should declare this intent early and work closely with their advisor. Preparation for these clinical careers requires course work in disciplines other than biology (such as calculus and physics). However, most college graduates obtain employ-
ment in a research or health-related field, and apply to these programs after a few years. Finally, Biology graduates are well positioned to pursue numerous career paths within health care that do not involve specific clinical skills. These include such options as health care administration, community health delivery, public health care policy, and patient relations.

Students are urged to declare their major as soon as possible, and communicate actively with their advisors to create a program of course choices that will best suit them. It is important to pay close attention to the alternation of courses as described in the college catalog, as it will affect the progress of the major over the four years at the college. Students are urged to become informed early of the admission requirements to programs/schools which they are interested to attend after Pine Manor. This will allow them to plan the appropriate sequence of courses.

All Pine Manor students complete a one semester internship in their senior year. The biology students have chosen to be placed in a wide variety of internships. Some examples are: hospitals, community health centers, hospice, private clinical practices, pharmacy departments, and research labs that focus on clinical, basic science, or biotechnology, forensic labs, mental health organizations.

The Program of Study
All Biology majors take the Core courses, and then select 4 additional courses from the list of electives: 2 each from the 200 and 300 level. All courses except those in microbiology and Marine/Environmental Studies emphasize the structure and function of mammalian cells and the human organism.

### Major Requirements

<table>
<thead>
<tr>
<th>Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 101 Principles of Biology</td>
</tr>
<tr>
<td>BI 102 Evolution and Biodiversity</td>
</tr>
<tr>
<td>BI 205 Anatomy and Physiology I</td>
</tr>
<tr>
<td>BI 206 Anatomy and Physiology II</td>
</tr>
<tr>
<td>BI 289 Biostatistics</td>
</tr>
<tr>
<td>BI 375 Human Genetics</td>
</tr>
<tr>
<td>BI 490 Senior Seminar</td>
</tr>
<tr>
<td>BI 495 Senior Internship</td>
</tr>
<tr>
<td>CH 110 Principles of Chemistry I</td>
</tr>
<tr>
<td>CH 120 Principles of Chemistry II</td>
</tr>
<tr>
<td>CH 200 Organic Chemistry I</td>
</tr>
<tr>
<td>CH 301 Biochemistry of Macromolecules</td>
</tr>
</tbody>
</table>
Two from the following:
(All courses, with the exception of AN 220, fulfill the college’s Group III requirement for the B.A.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 211</td>
<td>Environmental Issues: Global Problems, Local Solutions</td>
</tr>
<tr>
<td>BI 215</td>
<td>New England Coastal Marine Ecology (Summer)</td>
</tr>
<tr>
<td>BI 225</td>
<td>Nutrition</td>
</tr>
<tr>
<td>BI 240</td>
<td>The Biology of Women</td>
</tr>
<tr>
<td>BI 250</td>
<td>The Biology of HIV and AIDS</td>
</tr>
<tr>
<td>BI 280</td>
<td>Ethical Issues in Science and Technology: America’s Moral Dilemmas.</td>
</tr>
<tr>
<td>AN 220</td>
<td>Culture, Health and Healing, (Group II)</td>
</tr>
</tbody>
</table>

Marine Studies Consortium courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 292</td>
<td>Introduction to Marine Mammals</td>
</tr>
<tr>
<td>BI 294</td>
<td>Marine Biology</td>
</tr>
</tbody>
</table>

Two from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 301</td>
<td>Modern Cell Biology</td>
</tr>
<tr>
<td>BI 330</td>
<td>Microbiology and Human Infectious Disease</td>
</tr>
<tr>
<td>BI 345</td>
<td>Psychopharmacology—Drugs and Behavior</td>
</tr>
<tr>
<td>BI 360</td>
<td>Introduction to Epidemiology</td>
</tr>
<tr>
<td>BI 380</td>
<td>Pathophysiology</td>
</tr>
</tbody>
</table>

Marine Studies Consortium courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 391</td>
<td>Biology of Whales</td>
</tr>
<tr>
<td>BI 394</td>
<td>Coastal Zone Management</td>
</tr>
<tr>
<td>BI 395</td>
<td>Wetlands: Ecology, Hydrology, Restoration</td>
</tr>
</tbody>
</table>

Additional Recommended Courses:

CHC 100 Introduction to Community Health and CHC 200 Healthcare Policy are also valuable to the student of biology interested in health care.

Teacher Licensure

Secondary Education (Grades 8–12)
The Biology Teacher Licensure Program in Secondary Teacher Education (8-12) prepares Pine Manor students to fulfill a highly needed area for teachers in the sciences. Students who are majoring in Biology have the opportunity of taking courses that would make them eligible for teacher licensure in Secondary Biology Education. Students who are interested in pursuing licensure should consult with their advisor and the Director of Education Programs during their freshman or sophomore year to discuss the current requirements and select the correct courses for licensure. Students will need to take courses required by the Massachusetts Department of Education, and will have the opportunity to participate in a variety of pre-practicum experiences. Students, upon completion of the MTEL Exam, will participate in a student teaching practicum in a public school. For licensure, a student will need to complete BI/ED 498, Biology Secondary Education Practicum. Additional details about specific education requirements can be found in the Pine Manor Education Student Handbook.

A.S. Concentration in Biology

The Biology concentration focuses on the study of living organisms and the nature of biological processes.

Course of study for the A.S.:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 101</td>
<td>Principles of Biology</td>
</tr>
<tr>
<td>BI 102</td>
<td>Evolution and Biodiversity</td>
</tr>
</tbody>
</table>

Any four of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 205</td>
<td>Anatomy and Physiology I</td>
</tr>
<tr>
<td>BI 206</td>
<td>Anatomy and Physiology II</td>
</tr>
<tr>
<td>BI 294</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>BI 330</td>
<td>Microbiology and Human Infectious Disease</td>
</tr>
</tbody>
</table>
A.S. Concentration in Health Sciences
The Health Sciences concentration lays a foundation for further study at a college or a hospital in fields such as nursing, respiratory therapy, radiological technology, or cytotechnology.

Course of study for the A.S.:
BI 101 Principles of Biology
BI 102 Evolution and Biodiversity
CH 110 Principles of Chemistry I
CH 120 Principles of Chemistry II
or
BI 205 Anatomy and Physiology I
BI 206 Anatomy and Physiology II
Two Biology electives; one elective can be an internship at a cooperating hospital or other appropriate site.

Minor Requirements
Biology
BI 101 Principles of Biology
BI 102 Evolution and Biodiversity
BI 205 Anatomy and Physiology I
BI 206 Anatomy and Physiology II
Two additional courses in Biology at the 200 or 300 level.

An exploratory internship is recommended to expand opportunities for hands-on experience.

Marine Studies Consortium:
Consortium courses are available to Pine Manor College students with sophomore status or higher. Courses are taught at the member institutions of the Marine Studies Consortium; see www.brandeis.edu/marinstudies for times and location. Enrollment in these courses is limited to four students each semester. Students choosing to withdraw from a Marine Studies Consortium course must do so by the third class meeting of that course. Students interested in the Consortium should consult with Professor Elizabeth Gardner for permission to register for these courses.

Pre-Medicine, Pre-Dental, Pre-Veterinary Preparation
Students interested in clinical careers in the medical, veterinary, or dental professions are strongly urged to declare their major in Biology as soon as possible. The courses in Biology, Chemistry, and Mathematics support most postgraduate programs; however, institutions and programs vary in their admissions requirements.

Students should seek advising information from Professors Bear, Gardner, Kreiser, Panse or Talbot at the time that they declare their major. These conversations will help insure that they are making the appropriate course choices. Students should pay close attention to the alternation of courses as described in the College catalog, as it will affect the progress of their major over their four years at Pine Manor College.

The Biology Program maintains specific information on networking activities, enrichment opportunities, and scholarship support for students interested in all science-related fields. Students interested in such information should contact any of the Program faculty members.
Child Care Program

Lynne Love, M.S., Program Director; Sandra McElroy, Ed.D.; Nancy P. White, Ph.D.

The Child Care Program is designed to prepare students for entry careers with children in a variety of diverse and inclusive settings: family day care, preschool programs, school-age child care, and recreational programs. This program offers course work that will allow students to apply for a certificate of qualification from the Department of Early Education and Care.

### A.A. Concentration in Child Care

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 115</td>
<td>Working with Young Children</td>
</tr>
<tr>
<td>PY 216</td>
<td>Child Development</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>ED 214</td>
<td>Curriculum for Infants and Toddlers</td>
</tr>
<tr>
<td>ED 215</td>
<td>Curriculum Methods and Materials for Early Childhood</td>
</tr>
<tr>
<td>ED 218</td>
<td>Program Planning for School-Age Child Care and Recreation Programs</td>
</tr>
<tr>
<td>Three of the following:</td>
<td></td>
</tr>
<tr>
<td>PY 217</td>
<td>Childhood Disabilities</td>
</tr>
<tr>
<td>ED 250</td>
<td>Policy and Program Issues in Child Care</td>
</tr>
<tr>
<td>ED 333</td>
<td>Special Education, Assessment, and the Inclusionary Classroom</td>
</tr>
<tr>
<td>ED 350</td>
<td>Child Care Administration</td>
</tr>
<tr>
<td>PY 305</td>
<td>Personality and Social Development in Children</td>
</tr>
<tr>
<td>PY 307</td>
<td>Children’s Thinking</td>
</tr>
<tr>
<td>PY 309</td>
<td>Language Development</td>
</tr>
<tr>
<td>*ED 395</td>
<td>Practicum in Child Care/ Early Education and Care/ Student Teaching</td>
</tr>
</tbody>
</table>

*Strongly recommended. See Director and Pine Manor Education Student Handbook for specific requirements.

### Minor Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Care  (for non-Psychology majors)</td>
<td></td>
</tr>
<tr>
<td>ED 115</td>
<td>Working with Young Children</td>
</tr>
<tr>
<td>PY 216</td>
<td>Child Development</td>
</tr>
<tr>
<td>ED 214</td>
<td>Curriculum for Infants and Toddlers</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>ED 215</td>
<td>Curriculum Methods and Materials for Early Childhood</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>PY 217</td>
<td>Childhood Disabilities</td>
</tr>
<tr>
<td>PY 264</td>
<td>The Psychology of Adolescence and Young Adulthood (only if taking ED 218)</td>
</tr>
<tr>
<td>PY 305</td>
<td>Personality and Social Development in Children</td>
</tr>
<tr>
<td>PY 307</td>
<td>Children’s Thinking</td>
</tr>
<tr>
<td>PY 309</td>
<td>Language Development</td>
</tr>
<tr>
<td>ED 333</td>
<td>Special Education, Assessment, and the Inclusionary Classroom</td>
</tr>
</tbody>
</table>

*If pursuing Director qualification:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 250</td>
<td>Policy and Program Issues in Child Care</td>
</tr>
<tr>
<td>ED 350</td>
<td>Child Care Administration</td>
</tr>
</tbody>
</table>

*See Director and Pine Manor Education Student Handbook for specific requirements.
College Composition


The College Composition (CC) program offers three courses: CC 110, A Topic-Based Writing Course; CC 111, Writing Fundamentals, and CC 112, Controversial Issues. Upon entering Pine Manor College, students select a section of CC 110 based on their topic of interest. Sample topics include: Constructing Identity in the Contemporary World; Examining Hip Hop; Gender Issues; Legends, Lore, and Lies; Please Don’t Steal My Jordans: Wealth and Its Discontents; Self, Spirit and Society; and The Impact of Science on Society. At the conclusion of CC 110, students complete a portfolio, along with a self-assessment, to determine their next placement. A portfolio review committee makes determinations for one of the following options for students to complete the CC requirement:

1. Moving from CC 110 into CC 111 followed by CC 112 in the following year. In this sequence, completion of the requirement takes three semesters.
2. Moving from CC 110 directly into CC 112.
3. Placing into an honors section of CC 112.
4. Exempting CC 111 and CC 112.

All students must take CC 110, CC 111 and CC 112, with the following exceptions:

1. Any student who transfers in credit is exempted from the appropriate course.
2. Any student who exempts from CC 111 or CC 112 on the basis of the Pine Manor College portfolio review.

Ordinarily, students are expected to complete the composition sequence no later than the end of their first semester, sophomore year.

Communication

Robert Dumas, M.S.
Richard McGirr, B.A.
Robert J. Owczarek, M.A.
Kimberley D. Small, M.S.
Jason Tocci, M.A.

The Communication major provides students with the opportunity to develop personal and professional communication skills that can be applied to a wide variety of media, organizational, and business settings. Students also study communication media as a social, political, and cultural force in contemporary society.

A unique feature of the program is the emphasis on project-based, hands-on learning that facilitates students’ growth as both producers and consumers of communication media. Communication students gain “real world” experience in the Annenberg Communication Center’s television studio and radio station, as well as in the College computer publishing and newspaper labs.

The faculty serve as mentors for students in and out of the classroom. Faculty contribute a wealth of experience from a variety of professional backgrounds, including radio, television, public relations, journalism, advertising, publishing, theatre, and film.

Six core courses, five additional courses in one of two concentrations, and one elective are required for a major in Communication. Students choose to specialize by selecting a concentration in one of the following areas: Electronic Media Programming and Production, Advertising and Public Relations or Visual Communications.

The Electronic Media Programming and Production concentration offers students an opportunity to blend theory and practice in the study of radio and TV programming and production, as well as digital moviemaking, film industry, theory and aesthetics, Internet and Web-based technologies, and the history, ethical, and legal aspects of mass communication. Students who choose this concentration create their own me-
dia productions, using state-of-the-art audio and video technology.

The Advertising and Public Relations concentration offers an opportunity for students to gain valuable skills and knowledge in the fields of advertising, public relations, print, and Internet communication. Students will create advertising and public relations campaigns, as well as study the policies and practices of the field. This concentration is available to both Communication and English majors and offers an interdisciplinary selection of courses from the Communication, English, and Business programs.

The Visual Communication concentration offers an opportunity for students to gain knowledge in both digital technology and also obtain more traditional skills such as writing, editing, layout, drawing, photography, and design. Students who choose this concentration will graduate with a good foundation in these skills, which are extremely valuable and necessary in today’s Communication job market.

All Communication majors apply their knowledge in the senior year through internship placements in Boston-area radio and television stations, advertising agencies, publishing houses, newspapers, magazines, theatre groups, film production companies, and other organizations. Pine Manor’s internship program is one of the most respected in the area and many students are ultimately offered employment at their internship sites.

They also produce a creative senior project and a senior portfolio, which presents their accomplishments during their years at Pine Manor College. Communication program graduates have gone on to find employment in network and local television, radio, advertising agencies, publishing houses, public relations firms, newspapers, film production companies, businesses, and nonprofit organizations.

### Major Requirements

<table>
<thead>
<tr>
<th>Communication</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 100</td>
<td>Introduction to Mass Communication</td>
</tr>
<tr>
<td>CO 101</td>
<td>Public Speaking or Persuasive Speaking</td>
</tr>
<tr>
<td>CO 201</td>
<td>Media Writing</td>
</tr>
<tr>
<td>CO 240</td>
<td>Legal and Ethical Issues in Mass Communication</td>
</tr>
<tr>
<td>CO 495</td>
<td>Senior Internship Seminar</td>
</tr>
<tr>
<td>CO 497</td>
<td>Senior Project</td>
</tr>
<tr>
<td>Focusing Elective—Choose one of the following:</td>
<td></td>
</tr>
<tr>
<td>CO 230</td>
<td>Performance for Radio and Television</td>
</tr>
<tr>
<td>CO 250</td>
<td>Behind the Scenes in Radio and TV News</td>
</tr>
<tr>
<td>CO 265</td>
<td>Multicultural Images in the Media</td>
</tr>
<tr>
<td>CO 280</td>
<td>Images of Women in the Media</td>
</tr>
<tr>
<td>CO 285</td>
<td>Children and the Media</td>
</tr>
<tr>
<td>CO 420</td>
<td>Advanced Video Production</td>
</tr>
<tr>
<td>CO 430</td>
<td>TV Newsmagazine and Documentary Production</td>
</tr>
</tbody>
</table>

### Electronic Media Programming and Production Concentration

<table>
<thead>
<tr>
<th>Electronic Media Programming and Production Concentration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 120</td>
<td>Introduction to TV and Radio Production</td>
</tr>
<tr>
<td>CO 256</td>
<td>The Art and Industry of Film</td>
</tr>
<tr>
<td>CO 330</td>
<td>Writing and Marketing Scripts and Screenplays</td>
</tr>
<tr>
<td>CO 340</td>
<td>Digital Moviemaking</td>
</tr>
<tr>
<td>CO 360</td>
<td>Electronic Media Industry</td>
</tr>
</tbody>
</table>

In addition to this five-course concentration, electronic media students who wish to study digital media in more depth are encouraged to consider one or more of the following College group requirements or general electives, with the help of their advisors, provided any prerequisites are met. However,
these courses are not required for the Communication major or this concentration.

CS 100 Introduction to Computers
CS 215 Creating Effective Web Pages
VA 150 Introduction to Computer Graphics
VA 353 Digital Photography
EN 200 Writing on the Job: Professional and Persuasive Writing
MK 324 Advertising

Advertising and Public Relations Concentration
(shared concentration with English)
EN 209 Journalism on the Web and on the Page
CO 310 Public Relations
MK 324 Advertising
CO 360 Electronic Media Industry
or
MK 221 Marketing Principles
CO/EN 350 Advertising Copywriting and Design Seminar

In addition to these five courses, students who select the Advertising and Public Relations concentration are encouraged to consider the following related courses as College group requirements or general electives, with the help of their advisors, provided any prerequisites are met. However, these courses are not required for the Communication major or this concentration:

CS 100 Introduction to Computers
EN 200 Writing on the Job: Professional and Persuasive Writing
EN 204 Feature Writing
EN 311 Advanced Journalism: On the Beat
VA 150 Introduction to Computer Graphics

Visual Communication Concentration
(shared concentration with Visual Arts)
This concentration offers students a good foundation in the skills necessary for a job in the media and arts fields. Students will take courses in digital technology as well as writing, editing, layout, drawing, photography, and design. Career paths include advertising, public relations, graphic and web design, and TV production.

CO 240 Media Writing
VA 150 Introduction to Computer Graphics
IN 295 Exploratory Internship **

In addition, CO Visual Communication students will select three other courses from the group listed below. Two must be VA courses, one of which must be at the 300-level:

Art History courses
EN 200 Writing on the Job: Professional and Persuasive Writing
EN 209 Journalism on the Web and on the Page
MK 324 Advertising
VA 110 Drawing
VA 120 Design Fundamentals
VA 140 Basic Photography
VA 353 Digital Photography

**The exploratory internship is intended to be elected in the sophomore or junior year of study with the guidance of the student's academic advisor.

Minor Requirements

Communication
CO 100 Introduction to Mass Communication
CO 120 Introduction to TV and Radio Production
CO 240 Media Writing
Students must also select two other Communication courses at the 200 level or above for this minor.
Community Healthcare Outreach Certificate Program

Elizabeth Gardner, Ph.D.
Michele Talbot, M.P.H.
William Vogele, Ph.D.

Pine Manor College’s Certificate in Community Healthcare Outreach prepares students to work effectively and collaboratively within communities, particularly those with underserved healthcare needs, to promote and maintain the health of residents. Drawing on a variety of disciplines, our courses and established internship placements introduce students to the history and current practices related to community healthcare, issues involved in healthcare policy, and basic principles of health and illness. Additionally, the program focuses on ways to facilitate the development of community partnerships that foster the health and wellness of the community as a whole.

This Certificate Program serves three populations:
1. Public health personnel, nurses, social workers, and others who work in community healthcare.
2. Students interested in the Certificate Program in conjunction with another academic major or professional degree, either from the outside or within Pine Manor College.
3. Students majoring in Biology, Psychology, or Social and Political Systems for whom this Certificate would support their career goals.

The Certificate requires seven courses (four core courses and three electives). The Combined Certificate/Major Program requirements depend on the major professional degree that each student has or is pursuing. It is anticipated that some of these requirements will overlap other extant programs or external degrees.

### Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHC100</td>
<td>Introduction to Community Health</td>
</tr>
<tr>
<td>CHC200</td>
<td>Healthcare Policy</td>
</tr>
<tr>
<td>IN 495</td>
<td>Internship in Community Health or other appropriate experience, e.g., BI 495, PY 495, SPS 495</td>
</tr>
<tr>
<td>AN 220</td>
<td>Culture, Health, and Healing</td>
</tr>
<tr>
<td>PY 234</td>
<td>Cross-Cultural Psychology</td>
</tr>
<tr>
<td>BI 225</td>
<td>Nutrition</td>
</tr>
<tr>
<td>BI 240</td>
<td>The Biology of Women</td>
</tr>
<tr>
<td>BI 250</td>
<td>The Biology of HIV and AIDS</td>
</tr>
<tr>
<td>BI 280</td>
<td>Ethical Issues in Science and Technology: America’s Moral Dilemmas</td>
</tr>
<tr>
<td>BI 330</td>
<td>Microbiology and Human Infectious Disease</td>
</tr>
<tr>
<td>BI 360</td>
<td>Introduction to Epidemiology</td>
</tr>
<tr>
<td>BI 380</td>
<td>Pathophysiology</td>
</tr>
<tr>
<td>PY 217</td>
<td>Childhood Disabilities</td>
</tr>
<tr>
<td>PY 221</td>
<td>Counseling and Interviewing</td>
</tr>
<tr>
<td>PY 231</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PY 264</td>
<td>The Psychology of Adolescence and Young Adulthood</td>
</tr>
<tr>
<td>PY 345</td>
<td>Psychology of the Family: Theory and Practice</td>
</tr>
<tr>
<td>PY 364</td>
<td>Adult Development and Aging</td>
</tr>
<tr>
<td>SO 320</td>
<td>Health, Medicine, and Society</td>
</tr>
<tr>
<td>SPS 220</td>
<td>Local Action–Global Change</td>
</tr>
</tbody>
</table>

*The approved list of electives is subject to change with the development of new course offerings.*
Counseling
Michele Ramirez, Ph.D.

**Minor Requirements**

**Counseling (for students not majoring in Psychology, concentrating in Human Services)**

- PY 221 Counseling and Interviewing
- PY 231 Abnormal Psychology
- PY 345 Psychology of the Family: Theory and Practice

Two of the following:

- PY 224 Group Dynamics
- PY 234 Cross-Cultural Psychology
- PY 328 Psychological Testing

In addition to the five courses listed above, an internship is highly recommended.

Creative Writing

**Minor Requirements**

**Creative Writing**

One English literature course at the 100 or 200 level.

Four of the following:

- EN 204 Feature Writing
- EN 205 Visiting Writers’ Seminar: Fiction
- EN 206 Creative Writing
- EN 207 Visiting Writers’ Seminar: Poetry
- EN 208 The Art of Advanced Prose Writing

Additional opportunities:

- EN 214 Solstice Conference Writing Workshop (2 credits)
- Creative Writing projects through Directed Studies Program.
- Participation in Conifers, Pine Manor’s online literary journal.

Dance

Mahala Beams, M.A., M.F.A.
Sharon Montella, M.F.A.

**Minor Requirements**

**Dance**

- DA 101-102 Modern Dance I and II
- DA 111-112 Ballet I and II
- DA 225-226 Jazz Dance I and II
- DA 280-281 Techniques in Dance I and II
- DA 260 Dance in America

Economic and Financial Systems

Siddiq Abdullah, Ph.D.
Ruthann Bergman, M.B.A.

Built on a liberal arts foundation, the B.A. in Economic and Financial Systems is a multidisciplinary major. It combines the study of accounting, finance, and economics with practical applications of the principles of inclusive leadership and social responsibility. Students build a base in these disciplines using modern technologies and pedagogies. The emphasis of this major is on developing skills in critical thinking, qualitative and quantitative analysis, and oral and written communication. Boston-area internships allow students to explore specific interests while gaining work experience. Use of the cross-registration program with Babson and Boston College further expands educational opportunities.

Students majoring in Economic and Financial Systems are required to take nine core courses plus four electives from the list given below. Students are encouraged to supplement their major by taking a minor offered by this program or by other programs of the College.
### Major Requirements

<table>
<thead>
<tr>
<th>Economic and Financial Systems</th>
<th>Education (ED)</th>
<th>53</th>
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</thead>
<tbody>
<tr>
<td>Economic and Financial Systems</td>
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<tr>
<td>AC 205 Accounting I</td>
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<td>AC 206 Accounting II</td>
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<tr>
<td>EC 111 Principles of Microeconomics</td>
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<td>EC 112 Principles of Macroeconomics</td>
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<tr>
<td>FN 310 Finance I</td>
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<tr>
<td>MN 101 Understanding Business in a Changing World</td>
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<tr>
<td>MN 250 Quantitative Methods for Business</td>
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<tr>
<td>MN 401 Business Policy and Strategy</td>
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<tr>
<td>MN 495 Senior Internship</td>
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<tr>
<td>Four of the following:</td>
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<tr>
<td>AC 305 Intermediate Accounting I</td>
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<tr>
<td>AC 306 Intermediate Accounting II</td>
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<tr>
<td>AC 308 Cost Accounting</td>
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<tr>
<td>AC 310 Accounting for Nonprofit Organizations</td>
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<tr>
<td>AC 315 Principles of Taxation</td>
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<tr>
<td>AC 325 Managerial Accounting</td>
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<tr>
<td>AC 326 Budgeting and Control</td>
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<tr>
<td>AC 330 Auditing</td>
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<tr>
<td>EC 301 Money and Banking</td>
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<tr>
<td>EC 302 International Economics</td>
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<tr>
<td>FN 312 Finance II</td>
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<tr>
<td>FN 315 Small Business Finance</td>
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<tr>
<td>MN 211 Management Principles</td>
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<tr>
<td>MN 341 Business Law</td>
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<tr>
<td>PH 261 Business Ethics and Corporate Social Responsibility</td>
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</tbody>
</table>

### Education

Pine Manor College provides students the opportunity to prepare for educational licensing in several areas. Students can pursue licensing in Early Childhood Education (Pre-K–2), Elementary Education (1–6), Secondary Level Biology (8–12), Secondary Level English (8–12), or Visual Arts (5–12).

The Teacher Licensure Program exemplifies the College’s commitment to both a broad liberal arts foundation and professional development. Since its inception, the program has required a liberal arts major in combination with numerous, intensive classroom teaching experiences in a variety of field placements, beginning with first-year field work and ending with full-semester student teaching in the senior year.

Students may satisfy the requirements for only one licensure area prior to graduation. As licensure is issued by the Commonwealth of Massachusetts, and not by Pine Manor College, all changes in state and federal regulations apply to all students currently enrolled in the Teacher Licensure Program.

Students who plan to enter the program are encouraged to meet with the Program Director prior to enrolling in any Education coursework. Students in all Education programs must pass all required Massachusetts Licensure Tests before enrolling in their senior year student teaching practicum. Students should refer to the Pine Manor Education Student Handbook for current policies and procedures regarding pre-practicums, testing requirements for specific licenses, and registration information, waiver policies, and student teaching assessments.

Students seeking licensure in English, visual arts, or biology should do so in conjunction with a major in that area. These students should make their intention to seek teacher licensure known to
both their advisor and the Director of the Teacher Licensure Program during their sophomore year.

Students seeking licensure in Early Childhood Education major in psychology with a concentration in Child Development. Students meet the standards established by the Massachusetts Department of Education for Teacher Licensure by satisfying the requirements of that major plus the specified courses in Educational Studies.

Students seeking licensure in Elementary Education may major in English or history. Licensing requirements are met by completing the specified Educational Studies courses and courses from across the curriculum. (many of those courses are also recommended to satisfy the College Breadth of Knowledge requirements).

Program data for the current year, as reported to the Massachusetts Department of Education, including summary data on MTEL scores and program completers, is available in the Education Student Handbook. Licensure is granted by the Massachusetts DOE, and is subject to state and federal regulatory changes.

**Early Childhood Education**

Students pursuing licensing in Early Childhood Education will major in psychology with a concentration in Child Development. For students seeking licensure, their student teaching is the substitute for the senior internship in psychology.

<table>
<thead>
<tr>
<th>Core Requirements (from Psychology major)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PY 101</strong> Introduction to Psychology (first year)</td>
</tr>
<tr>
<td><strong>PY 340</strong> Research Design and Applied Statistics (third or fourth year)</td>
</tr>
<tr>
<td><strong>PY 341</strong> Community-Based Research Practicum and Applied Statistics (third or fourth year)</td>
</tr>
<tr>
<td><strong>PY 490</strong> Senior Seminar (fourth year)</td>
</tr>
<tr>
<td><strong>PY 495</strong> Senior Internship in Psychology (fourth year)</td>
</tr>
</tbody>
</table>

**For Psychology as a Social Science, choose one of the following courses:**

<table>
<thead>
<tr>
<th>(second, third, or fourth year):</th>
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</thead>
<tbody>
<tr>
<td><strong>PY 206</strong> Social Psychology</td>
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<tr>
<td>or</td>
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<tr>
<td><strong>PY 211</strong> Theories of Personality</td>
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<tr>
<td>or</td>
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<tr>
<td><strong>PY 305</strong> Personality and Social Development in Children (For students in the Early Childhood Education Teacher Licensure Program only)</td>
</tr>
</tbody>
</table>

**For Psychology as a Natural Science, choose one of the following courses:**

<table>
<thead>
<tr>
<th>(third or fourth year)</th>
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</thead>
<tbody>
<tr>
<td><strong>PY 320</strong> Physiological Psychology</td>
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<tr>
<td>or</td>
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<tr>
<td><strong>PY 348</strong> Cognitive Psychology</td>
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<tr>
<td>or</td>
</tr>
<tr>
<td><strong>PY 309</strong> Language Development (Required for Early Childhood Education Licensure)</td>
</tr>
</tbody>
</table>

**Child Development Concentration**

| **PY 216** Child Development (first or second year) |
| **PY 217** Childhood Disabilities (second, third or fourth year) |
| and |
| One of the following: |
| **PY 307** Children’s Thinking (third or fourth year) |
| or |
| **PY 309** Language Development (third or fourth year) |
| Required for Early Childhood Teacher Licensure |
One of the following:
PY 234 Cross-Cultural Psychology
or
PY 300 Psychology of Race, Class and Gender
and
One of the following:
PY 264 The Psychology of Adolescence and Young Adulthood (second, third or fourth year)
PY 305 Personality and Social Development in Children (third or fourth year)
PY 328 Psychological Testing (third or fourth year)

Educational Studies: Requirements for Early Childhood Licensure
ED 102 Foundations of Education
ED 215 Curriculum Methods and Materials for Early Childhood
CS/ED 206 Exploring Technology in the Classroom
ED 212 Picture Books, Literature for Young Children
ED 205 Teaching and Assessment of Reading and Language Arts
ED 234 Teaching of Math and Science for Young Children
ED 327 Curriculum Design: The Massachusetts Curriculum Frameworks
ED 333 Special Education, Assessment, and the Inclusionary Classroom

Required for Licensure candidates:
EN 100 Understanding the Structure of English: A Practical and Theoretical Study of Grammar
TH 251 Theatre for Children

Suggested Possible Electives:
ED/MU 210 Music and Movement for Children
ED 355 Diagnostic and Remedial Reading
Practicum: Student Teaching Practicum and Seminar
ED 494 100 hours in Pre-K or Kindergarten and seminar
ED 496 200 hours in grades 1-2 (setting with children with disabilities) and seminar

Breadth of Knowledge
In order to satisfy the substantive learning objectives for licensing, and Pine Manor’s Breadth of Knowledge requirements, students seeking licensure for Early Childhood are encouraged to take the following courses:
EN 112 World Literature
or
EN 111 Mythology and Literature
HI 111 United States History I
or
HI 112 United States History II
PS 111 American Government and Politics
RE 100 Introduction to World Religions

Elementary Licensure: With an English Major
A student will complete the standard requirements for the English major as described in the catalog, with the single exception that if she pursues elementary licensure, her student teaching (in spring of her senior year) would substitute for the English internship.

To complete elementary education licensing requirements with the English major, a student must complete additional coursework in Educational Studies.
Educational Studies: Requirements for Elementary Licensure

ED 102 Foundations of Education
ED 205 Teaching and Assessment of Reading and Language Arts
ED 212 Picture Books, Literature for Young Children
ED 224 Methods of Math and Science in Elementary Education
ED 327 Curriculum Design: The Massachusetts Curriculum Frameworks
ED 333 Special Education, Assessment, and the Inclusionary Classroom
CS/ED 206 Exploring Technology in the Classroom
ED/EN 498 English Secondary Education Practicum

Additional required courses for students in English pursuing Elementary Education Licensure:
LS 230 World Geography
EN 100 Understanding the Structure of English: A Practical and Theoretical Study of Grammar
PY 216 Child Development
TH 251 Theatre for Children

Suggested Possible Electives for Educational Studies/Licensure
ED 355 Diagnostic and Remedial Reading
or an ESL course

Breadth of Knowledge
In order to satisfy the substantive learning objectives for licensing and Pine Manor’s Breadth of Knowledge requirements, students seeking licensing with an English major are encouraged to fulfill their group requirements with the following courses:
HI 111 United States History I
LS 220 Great Ideas in Science and Technology
PS 111 American Government and Politics
PY 101 Introduction to Psychology
ED/MU 210 Music and Movement for Children
RE 100 Introduction to World Religions
SO 310 Family in Society
VA 101 Images to Ideas

Elementary Licensure: With a History Major
A student will complete the standard requirements for the history major as described in the catalog, with the single exception that if she pursues elementary licensure, her student teaching (in spring of her senior year) would substitute for the history internship.

To complete elementary licensure requirements with the history major a student will need to complete additional course work in educational studies.

Educational Studies: Requirements for Elementary Licensure
ED 102 Foundations of Education
ED 205 Teaching and Assessment of Reading and Language Arts
ED 212 Picture Books, Literature for Young Children
ED 224 Methods of Math and Science in Elementary Education
ED 327  Curriculum Design: The Massachusetts Curriculum Frameworks
ED 333  Special Education, Assessment, and the Inclusionary Classroom
CS/ED 206  Exploring Technology in the Classroom

Required courses for students in history pursuing Elementary Education License:
LS 230  World Geography
EN 100  Understanding the Structure of English
PY 216  Child Development
TH 251  Theatre for Children

Suggested Possible Electives for Elementary Licensure:
ED 355  Diagnostic and Remedial Reading
or an ESL course

Breadth of Knowledge
In order to satisfy the substantive learning objectives for licensing, and Pine Manor’s Breadth of Knowledge requirements, students seeking licensing with a history major are encouraged to fulfill their group requirements with the following courses:
EN 112  World Literature
or
EN 111  Mythology and Literature
EN 221  The Poet in the World
PS 111  American Government and Politics
PY 101  Introduction to Psychology
LS 220  Great Ideas in Science and Technology
ED/MU 210  Music and Movement for Children
SO 310  Family in Society
VA 101  Images to Ideas

English:
Literature and Writing
Melinda M. Ponder, Ph.D.
Kathleen Aguero, M.A.
Vera Kreilkamp, Ph.D.
Lisa Breger, M.F.A.
Kimberley D. Small, M.S.
Jason Tocci, M.A.

The English major integrates the study of literature and the practice of writing. Our faculty—all professional critics, writers, and editors—serve as role models and mentors for students in English classes. The program emphasizes the connections between literature and writing by bringing published authors to the campus and by incorporating Boston-area literary and theatre events into the curriculum. Through a double focus on literature and writing, students develop writing portfolios and prepare for professions in which effective communication and cultural literacy are essential. Recent graduates have begun careers in journalism, law, media communication, public relations, advertising, educational administration, creative writing, banking, theatre, publishing, and teaching. During her final year, the English major produces a portfolio of professional writing at her Senior Internship site or writes a senior essay that serves as a writing internship. As evidence of her competence in both writing and literary study, each major submits a paper from a 300-level Pine Manor College literature course or from IDS 389 or IDS 390 for assessment by a panel of English instructors appointed by the B.A. Coordinator. Students are expected to pass this paper before their final semester of their senior year.

By permission of the B.A. Coordinator, a student may substitute an upper-level literature course in a foreign language for one of her electives in English; however, such a course may not substitute for the required 300-level English courses. Qualified students may spend a junior semester or year taking approved courses at an institution in an English-speaking country.
Goals of the English Program are to:

• Develop student writing, reading, thinking, and oral skills.
• Give all students an understanding of literary forms and traditions; teach critical analysis through reading and writing; and provide cultural and historical contexts for writers from a variety of backgrounds.
• Help students develop cultural literacy.
• Develop students’ sensitivity to language, voice, and audience.
• Encourage student creativity.
• Demonstrate to students how a proficiency in writing and literature links them with other fields and disciplines.
• Prepare students for graduate study and for careers in which writing skills are vital.

**Major Requirements**

<table>
<thead>
<tr>
<th>English</th>
<th>EN 111 Mythology and Literature or EN 112 World Literature: Genres and Themes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EN 203 British Literary Traditions</td>
</tr>
<tr>
<td></td>
<td>EN 216 Shakespeare I or EN/TH 217 Shakespeare II</td>
</tr>
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<td></td>
<td>EN 232 American Writers</td>
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<tr>
<td></td>
<td>Two English writing courses at the 200 or 300 level.</td>
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<tr>
<td></td>
<td>Two English literature courses at the 300 level (and/or IDS 389 and/or IDS 390) taken at Pine Manor.</td>
</tr>
<tr>
<td></td>
<td>One elective in writing or literature.</td>
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<tr>
<td></td>
<td>EN 495 Senior Internship</td>
</tr>
</tbody>
</table>

Students in the Teacher Licensure must take both EN 111 and EN 112

Students who are English majors may elect to concentrate on one of the following areas by adding additional elective requirements as specified:

**Advertising and Public Relations Concentration**

Students majoring in English may select to concentrate in Advertising and Public Relations by fulfilling the requirements for that concentration as described under the Communications B.A. Program (page 49).

English majors should use EN 209 Journalism on the Web and on the Page to fulfill the two writing electives of the English major.

An English major with a concentration in Advertising and Public Relations will thus take 13 courses as specified.

**Creative Writing Concentration**

Students wishing to focus on creative writing should choose four of the following courses as the general and writing electives required for the English major: (Note: This concentration requires a total of 11 courses.)

<table>
<thead>
<tr>
<th>EN 204 Feature Writing</th>
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</thead>
<tbody>
<tr>
<td>EN 205 Visiting Writers Seminar: Fiction</td>
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<tr>
<td>EN 206 Creative Writing</td>
</tr>
<tr>
<td>EN 207 Visiting Writers Seminar: Poetry</td>
</tr>
<tr>
<td>EN 208 The Art of Advanced Prose Writing</td>
</tr>
<tr>
<td>EN 214 Solstice Conference Writing Workshop (2 Credits)</td>
</tr>
</tbody>
</table>

In addition, students may elect to work on a creative writing project through the Directed Study Program.

**Drama Concentration**

An English major with an emphasis on dramatic literature is available to students with a specific interest in the theatre. The student majors in English and minors in theatre. In the theatre minor, she studies acting, production, and the history and organization of the theatre. The Senior Internship will be pur-
suéd within a theatre setting. Courses should include the following:
EN 216 Shakespeare I
EN/TH 217 Shakespeare II

**Journalism Concentration**

EN 204 Feature Writing
EN 209 Journalism on the Web and on the Page
EN 311 Advanced Journalism: On the Beat
One of the following:
CO 240 Media Writing
CO 250 Behind the Scenes in Radio and TV News

Any EN writing course appropriate to journalism.

We also suggest doing a 295-level internship in the field of journalism.

Journalism students are also advised to take courses about the contemporary world to fulfill their group distribution requirements (such as foreign language courses, Social and Political Systems courses, and Women’s Studies courses), and such visual arts courses as the following: VA 120, VA 140, and VA 399 for photojournalism.

English majors should use the three EN journalism courses required for this concentration, EN 204, EN 209, and EN 311, to fulfill the two writing electives and one general elective of the English major.

An English major with a concentration in Journalism will thus take 11 courses as specified.

**Literature Concentration**

Choose two electives from the following courses, one of which should be from the first group.

**Group I**

EN 233 African-American and Caribbean Literature
EN 235 Female Voices of Diversity: Studies in Contemporary Literature

EN 355 Gender Troubles in Irish Culture
EN 385 Irish Literature
IDS 389 Empire and Resistance

**Group II**

EN 216 Shakespeare I
EN/TH 217 Shakespeare II
EN 219 Who’s Afraid of Virginia Woolf?
EN 221 The Poet in the World
EN 223 Bad Girls and Wild Women: Images of Transgression in Literature
EN 229 Children’s Literature: Female Images and Gender Roles
EN 330 Images of Twentieth-Century America
EN 332 American Girls and New Women

**Teacher Licensure**

**Secondary Education (Grades 8–12)**

An English major wishing to earn Massachusetts State licensure as a secondary school English teacher should consult the B.A. Coordinator and the TLP Director as soon as possible. Students may not enroll in the program until they have passed the Communication and Literacy subtests of the Massachusetts Tests for Educator Licensure.

In addition to fulfilling all PMC graduation and English B.A. requirements, the prospective secondary school teacher completes the following 36 semester hours of course work. Twelve credits are for the practicum, ED 498.
EN 310 Methods and Curriculum in English Instruction*
ED 333 Special Education, Assessment, and the Inclusionary Classroom
PY 101 Introduction to Psychology
PY 264 The Psychology of Adolescence and Young Adulthood
PY 328 Psychological Testing
EN 498 English Secondary Education Practicum/Internship
*Weekly field placement.

If the student does a 200-level internship for either licensure program, she will develop a writing portfolio in conjunction with other English majors. English majors earning teaching licensure by fulfilling the above course requirements are exempted from EN 495 or EN 496.

A.A. Concentration in English

First Year
EN 111 Mythology and Literature
or
EN 112 World Literature: Genres and Themes
A 200-level literature course.

Sophomore Year
EN 203 British Literary Traditions
or
EN 232 American Writers
Two 200-level writing courses.

Minor Requirements

English
Five courses in English are required, including one of the following:
EN 111 Mythology and Literature
or
EN 112 World Literature: Genres and Themes

And one of the following two courses:
EN 203 British Literary Traditions
or
EN 232 American Writers
At least one, but not more than two, writing courses are required. Remaining courses are to be selected from EN literature offerings.

Enhanced Foundational Program

Robert Hyland, M.A.
Pam Palmer, M.Ed., Program Director

The Enhanced Foundational Program (EFP) is a building block for college success for domestic and international students with strong academic potential but who lack proficiency in English because English is not their first language. The goal of the program is to assist students to mainstream into a full academic college program. What makes this program unique is that college credit is given for the two intensive English classes required in the freshman year so that even nonnative speakers have the opportunity to complete a full college program in four years. The program offers students the opportunity to attend a private four year institution as an alternative to large community colleges or no college at all. The mission of the EFP program is to provide the tools necessary for each student to reach her academic potential.
Entrepreneurship

Students pursuing a minor in Entrepreneurship are strongly encouraged to complete one IN 295 internship in a new or small business. This minor may be particularly useful for a student considering opening her own business in the future—for example, an interior design firm, a day care operation, consulting, freelance writing, or a retail business.

<table>
<thead>
<tr>
<th>Minor Requirements</th>
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<tbody>
<tr>
<td><strong>Entrepreneurship</strong></td>
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<tr>
<td><strong>AC 205</strong> Accounting I</td>
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<tr>
<td><strong>MN 211</strong> Management Principles</td>
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<td><strong>MN 341</strong> Business Law</td>
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<td><strong>MK 221</strong> Marketing Principles</td>
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<tr>
<td>And one of the following two courses:</td>
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<tr>
<td><strong>MN 328</strong> Entrepreneurship</td>
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<td>or</td>
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<tr>
<td><strong>MN 240</strong> Business Enterprise</td>
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Finance

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<tr>
<th>Minor Requirements</th>
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<tbody>
<tr>
<td><strong>Finance</strong></td>
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<tr>
<td><strong>AC 205</strong> Accounting I</td>
</tr>
<tr>
<td><strong>EC 111</strong> Principles of Microeconomics</td>
</tr>
<tr>
<td><strong>FN 310</strong> Finance I</td>
</tr>
<tr>
<td>Two of the following:</td>
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<tr>
<td><strong>EC 301</strong> Money and Banking</td>
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<tr>
<td><strong>EC 302</strong> International Economics</td>
</tr>
<tr>
<td><strong>FN 210</strong> Investing into the Twenty-First Century</td>
</tr>
<tr>
<td><strong>FN 312</strong> Finance II</td>
</tr>
<tr>
<td><strong>FN 315</strong> Small Business Finance</td>
</tr>
<tr>
<td><strong>FN 320</strong> International Finance</td>
</tr>
<tr>
<td><strong>MN 341</strong> Business Law</td>
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<tr>
<td>Or other suitable, approved courses</td>
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French

Jacques Kitembo, M.A.

<table>
<thead>
<tr>
<th>Minor Requirements</th>
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</thead>
<tbody>
<tr>
<td><strong>French</strong></td>
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<tr>
<td><strong>Five courses in French. FR 101 and 102 are not required, but count as only one of the required courses.</strong></td>
</tr>
<tr>
<td><strong>One language course above the intermediate level and a literature course.</strong></td>
</tr>
</tbody>
</table>

Certificates of Competence in French

The certification program enables students majoring in a Pine Manor College B.A. program to earn an additional credential that may be helpful in careers where skill in a second language is an asset.

**Level I**

Certificate of Competence in French

Students entering the program at the elementary level qualify for the *Certificat de français pratique* upon completion of the following five courses in French:

| FR 101 | Elementary French I |
| FR 102 | Elementary French II |
| FR 201 | Intermediate French I |
| FR 202 | Intermediate French II |
| FR 204 | French for Spoken Communication |
| or |
| FR 284 | French for the Professions |

**Level II**

Certificate of Proficiency in French

Students exempt from the intermediate French courses as a result of appropriate scores on the French achievement or the Pine Manor College placement examination may qualify for the *Certificat de français pratique—niveau avancé* upon successful completion of FR 204 or FR 284 and two courses from the following:
History

James Roche, M.A.
Rachel Schneider, M.A.
Janine Spinola Taylor, M.A.
William Stargard, Ph.D.
Stephen Thompson, B.D.

The History major at Pine Manor College enables students to study, in a self-designed type of structure, the ideas, events, people, and artifacts that shape and define contemporary and historical cultures. Students take a small number of required courses, including a senior internship and a senior thesis project. The five remaining courses are carefully selected in consultation with the advisor and are based on the student’s interests and career goals, and may include an occasional directed study with a Pine Manor College faculty member or a cross-registered course at nearby Boston College.

The major prepares students with vital skills in critical thinking, historical knowledge, and oral and written communication that are important in interpreting issues and events in contemporary culture and society. The skills and cultural sensitivity that are developed through this major are appropriate for careers in historical museums, public history organizations, education, journalism, and law.

Major Requirements

| History |
|---|---|
| HI 115 | World History I |
| HI 116 | World History II |
| HI 111 | United States History I |
| HI 112 | United States History II |
| AH 101 | Introduction to Art History |
| HI 490 | Senior Seminar |
| HI 495 | Senior Internship |

Two 200-level HI courses (one of which needs to be HI 209 The Immigrant Experience or HI 218 History of Race and Ethnicity in the Americas)

Exploratory Internship

One 300-level HI course

IDS 389 Empire and Resistance or IDS 390 Boston Through Its Writers

Teacher Licensure

Students who are majoring in History have the opportunity of taking courses that would make them eligible for teacher licensure in Elementary education, grades 1–6. Students who are interested in pursuing licensure should consult with their advisor and Sandy McElroy, Director of Education Programs, during their first or sophomore year to discuss the current requirements and a correct course sequence to licensure. Students will need to take courses required by the Massachusetts Department of Education, and will have the opportunity to participate in a variety of pre-practicum experiences. Students, upon completion of the MTEL Exam, will participate in a student teaching practicum in a public school. Additional details about specific education requirements can be found in the Pine Manor Education Student Handbook and in the Education section of this catalog (page 56).
Minor Requirements

History
HI 115 World History I
or
HI 116 World History II
HI 111 United States History I
or
HI 112 United States History II
Three additional courses in History at or above the 200 level.

Human Resource Management

Minor Requirements

Human Resource Management
MN 211 Management Principles
MN 301 Human Resource Management
MN 304 Business Leadership and Organizational Behavior
MN 305 International Human Resource Management
MN 341 Business Law

ilsr Certificate Program

The ilsr Certificate Program is designed to group a number of meaningful curricular and co-curricular experiences which reflect the Mission of the College and enhance participants’ understanding of and connection to inclusive leadership and social responsibility. This program is open to all Pine Manor students and is designed with the intent that students can opt into the program at any stage in their academic career, providing they are able to successfully complete the requirements. Some students (i.e., Leadership Scholars) may be strongly encouraged to participate in the program from the start of their Pine Manor experience. Participants in the Program are required to take classes from a selected list of relevant courses, participate in specified co-curricular leadership development activities, and plan and implement a “Leadership Project.”

Participants’ progressive involvement in the program will be documented by an ilsr Certificate Program Mentor or a designee. A Mentor will be assigned to each student in the Program and will most likely be a member of the Center for ilsr Advisory Board. Each Program participant will meet regularly with her Mentor to discuss the connections between her ilsr Certificate Program experiences and to reflect on how her perspective and level of understanding is developing or changing over time. For those students who complete the requirements of the ilsr Certificate, it will be featured on their official College transcript.

International Business

Minor Requirements

International Business
EC 302 International Economics
MN 260 International Business
Three of the following:
FN 320 International Finance
MK 323 International Marketing
MN 305 International Human Resource Management
PS 131 International Relations
PS 232 The United Nations*
PS 310 International Organizations*
PS 315 International Political Economy*
(*PS 131 is a prerequisite.)
Or other suitable, approved courses
Plus demonstrated competency at the intermediate level of a modern language other than one’s native language. This may or may not require additional course work.
Management and Organizational Change

Stephen P. Becker, Ed.D.
Charles A. Tweedly, Ed.D.

The B.A. in Management and Organizational Change is a multidisciplinary major. It combines the study of management and organizational development theories with practical applications of inclusive leadership and social responsibility. This program educates women to assume leadership positions in a changing and diverse world. Service learning projects and Boston-area internships in profit and nonprofit organizations allow students to explore specific interests while gaining work experience. Use of the cross-registration programs with Babson and Boston College further expands educational opportunities.

Students majoring in Management and Organizational Change are required to take ten core courses plus two electives from the list given below. Students are encouraged to supplement their major by taking a minor offered by this program or other programs of the College.

<table>
<thead>
<tr>
<th>Major Requirements</th>
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<tbody>
<tr>
<td>Management and Organizational Change</td>
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<tr>
<td>EC 111 Principles of Microeconomics or</td>
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<tr>
<td>EC 112 Principles of Macroeconomics</td>
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<tr>
<td>IDS 200 Inclusive Leadership and Social Responsibility</td>
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<tr>
<td>MN 101 Understanding Business in a Changing World</td>
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<tr>
<td>MN 211 Management Principles</td>
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<td>MN 220 Organizational Change: Strategies and Methods</td>
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<tr>
<td>MN 251 Methods for Managerial Decision Making</td>
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<td>MN 304 Business Leadership and Organizational Behavior</td>
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<tr>
<td>MN 402 Senior Seminar in Managerial and Organizational Change</td>
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<tr>
<td>MN 495 Senior Internship</td>
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<tr>
<td>PH 261 Business Ethics and Corporate Social Responsibility</td>
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At least two of the following:

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>AC 205 Accounting I</td>
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<tr>
<td>AC 310 Accounting for Nonprofit Organizations</td>
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<tr>
<td>CO 310 Public Relations</td>
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<tr>
<td>EC 111 Principles of Microeconomics</td>
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<tr>
<td>EC 112 Principles of Macroeconomics</td>
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<tr>
<td>MK 221 Marketing Principles</td>
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<tr>
<td>MN 270 The Nonprofit Organization</td>
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<tr>
<td>MN 301 Human Resource Management</td>
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<td>MN 305 International Human Resource Management</td>
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<td>MN 328 Entrepreneurship</td>
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<td>MN 341 Business Law</td>
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<tr>
<td>PY 224 Group Dynamics</td>
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<tr>
<td>SO 240 Work, Leisure, and Society</td>
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<tr>
<td>SPS 150 Peace and Conflict Resolution</td>
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</tbody>
</table>
Management

Minor Requirements

Management
MN 211  Management Principles
Four of the following electives:
MN 220  Organizational Change: Strategies and Methods
MN 270  The Nonprofit Organization
MN 301  Human Resource Management
MN 304  Business Leadership and Organizational Behavior
MN 305  International Human Resource Management
MN 328  Entrepreneurship
MN 341  Business Law

Mathematics

Patrick Dempsey, M.B.A.
Edward Dougherty, M.S.
Eileen Heneberry M.S.
Susan Montoya, M.A.
Joan Weinstein, M.A., C.A.S.

The workplace of today and tomorrow requires that all college graduates have a fundamental understanding of basic mathematical concepts and operations. It is also essential that employees utilize problem-solving skills on a daily basis.

To assist students in their preparation for entry into the workplace and/or postgraduate education, Pine Manor College requires that all students complete the College’s quantitative reasoning (QR) requirement. The QR requirement may be met in one of three ways:

• by the student’s performance on the SAT-Mathematics exam or the Pine Manor placement instrument;
• by successfully completing either MA 102 (Essential Algebra); MA 103 (Geometry and Measurement); MA 108 (Algebra II); or a designated QR course;
• or by the transfer of appropriate-level math courses from another college (please consult with the Mathematics faculty.)

If the assessment of mathematics placement for a student indicates that she needs to review certain mathematical and quantitative concepts she should successfully complete MA 101, after which she may take MA 102 or a designated QR course to satisfy the quantitative reasoning requirement.

Marketing

Minor Requirements

Marketing
MK 221  Marketing Principles
Four of the following:
CO 310  Public Relations
MK 240  Sports Marketing
MK 322  Marketing Research
MK 323  International Marketing
MK 324  Advertising
MK 325  Retailing
MK 326  Consumer Behavior
MK 327  Selling and Sales Management
MK 328  Direct Marketing
MK 329  E-Commerce
Or other suitable, approved courses
Music
Gail Abbey, B.M.E.
Mahala Beams, M.A., M.F.A.
Richard Beams, M.A.L.S.
June Ambush, B.M.E.

Music courses are open to all students. For a fee of $550 per semester, students may also take private instruction in voice, piano or another instrument. See Mahala Beams.

Minor Requirements

Music
MU 101 Introduction to Music
MU 200 Making Music
Three other music courses.

Opera con Brio
In affiliation with Opera con Brio, Pine Manor College provides additional courses in the study of opera appreciation and history. These electives focus on a different composer or theme or opera genre each semester and are available to PMC students as Directed Studies (MU 299) upon consultation with Adjunct Assistant Professor Richard Beams. Complete course descriptions are available in the Registrar’s Office. Contact Mahala Beams for more information.

Physical Education and Athletics
Erin Brennan, Director of Athletics
Martha Deusser, Head Softball Coach/Recruiting Coordinator
Cory Kinsella, Head Soccer Coach and Recruiting Coordinator
Laura Cecil ’08, Head Tennis Coach
James Goodridge, Head Volleyball Coach
Bill Stargard, Head Cross Country Coach
Alex Gould, Head Basketball Coach
Jess Blair, Head Lacrosse Coach
Ryan McCarthy, Sports Information Director

The Athletics program at Pine Manor College encourages:
1. Exploration and practice of the principles of inclusive leadership and social responsibility (ilsr).
2. Meaningful interaction with individuals of diverse backgrounds in pursuit of common goals.
3. Personal development in some of the learning outcomes of the College.
4. Lifetime fitness and enjoyment of sport.
5. Improvement in individual performance and skill.

Students may earn academic credit for satisfactory completion of courses in Physical Education and Athletics. These courses do not meet group requirements. All Physical Education courses are taken on a Credit/No Credit basis.

Varsity Sports
Satisfactory completion of a varsity sport earns one semester hour of credit. According to NCAA regulations, students must be in good academic standing or receive special permission from the Dean of the College to participate on a varsity team. All students have the right to appeal the restrictions of their academic status to the Dean of the College. Tryout may be required.
Fall: Cross-Country, Soccer, Tennis, Volleyball
Winter: Basketball
Spring: Softball, Lacrosse
Affiliations: NCAA Division III, Great Northeast Athletic Conference (GNAC)

Directed Study
Students may design their own courses based on individual interest. Students must consult the appropriate instructor and complete the Directed Study form.
Political Science

A minor in Political Science develops a student’s informed understanding of the world in which we live and act. Political Science introduces analytical skills that are relevant throughout the social sciences and in many educational and professional endeavors. Graduates with a minor in Political Science may go on to graduate study, engage in professional political activities, focus on communication and social issues, or apply their insights to business interests.

Minor Requirements

Political Science

One of the following:

- SPS 101 Introduction to Social and Political Systems
- PS 101 Introduction to Politics
- PS 111 American Government and Politics

Four courses in Political Science at the 200 level or above.

Pre-Law

Students preparing to go to law school after graduation should develop their skills in logical thinking and analytical writing through courses available in a variety of disciplines.

The following offer valuable related preparation:

- CO 101 Public Speaking
- CO 201 Persuasive Speaking
- EN 208 The Art of Advanced Prose Writing
- EN 311 Advanced Journalism: On the Beat
- IDS 141 Law, Literature, and Popular Culture
- PH 105 Language, Logic, and Reasoning
- PS 111 American Government and Politics

Psychology

Michele Ramirez, Ph.D.
Diane Mello-Goldner, Ph.D.
Nancy P. White, Ph.D.

The major in Psychology offers students the opportunity to grow in self-understanding and in the understanding of others. Psychology majors take a core of courses that provide basic knowledge of psychological theories, methods, and research techniques. Students then select a concentration in Child Development, Industrial/Organizational Psychology or Human Services for Children, Adolescents, or Adults. Students who wish to enroll in the Early Childhood Education Teacher Licensure Program must major in Psychology, Child Development Concentration, and take the required additional Education Studies courses. See page 54.

The major prepares students for careers in human services, research, and education and provides background for further training in medical or health-related fields. A minor in Counseling is available for non-Psychology majors and Psychology majors not concentrating in human services. A minor in Child Care is also available for non-Psychology majors. Psychology majors interested in child care should take the additional courses listed under the Child Development Concentration.
Major Requirements

Psychology

PY 101 Introduction to Psychology (first year)
PY 340 Research Design and Applied Statistics (third or fourth year)
PY 341 Community-Based Research Practicum and Applied Statistics (third or fourth year)
PY 490 Senior Seminar (fourth year)
PY 495 Senior Internship in Psychology (fourth year)

For Psychology as a Social Science, choose one of the following courses (second, third, or fourth year):
PY 206 Social Psychology
or
PY 211 Theories of Personality
or
PY 305 Personality and Social Development in Children (For students in the Early Childhood Education Teacher Licensure Program only)

For Psychology as a Natural Science, choose one of the following courses (third or fourth year):
PY 320 Physiological Psychology
or
PY 348 Cognitive Psychology
or
PY 309 Language Development (For students in the Early Childhood Education Licensure Program only)

Child Development Concentration*

PY 216 Child Development (first or second year)
PY 217 Childhood Disabilities (second, third or fourth year)

And one of the following:
PY 307 Children’s Thinking (third or fourth year)
or
PY 309 Language Development (third or fourth year)

Required for students in the Early Childhood Teacher Licensure Program

One of the following:
PY 234 Cross-Cultural Psychology
or
PY 300 Psychology of Race, Class and Gender

And one of the following:
PY 264 The Psychology of Adolescence and Young Adulthood (second, third or fourth year)
PY 305 Personality and Social Development in Children (third or fourth year)
PY 328 Psychological Testing (third or fourth year)

*Students in this concentration who wish to apply for a Certificate of Qualification as a Teacher or a Lead Teacher from the Department of Early Education and Care should consult with
the Program Director and take one or more of the following additional courses:
ED 115 Working with Young Children
ED 214 Curriculum for Infants and Toddlers (to work with infants and toddlers)
and/or
ED 215 Curriculum Methods and Materials for Early Childhood
ED 395 Exploratory Internship in Child Care**
**See the Director for specific information regarding supervision of this internship and PY 495.

Students who wish to pursue a Certificate of Qualifications as a Director should also take ED 250 Policy and Program Issues in Child Care and ED 350 Child Care Administration.

Early Childhood Education Licensure Program
Students seeking Early Childhood Education Teacher Licensure, should see page 54 for a detailed description of the required courses in the Psychology major, the Child Development Concentration, Early Childhood Education Studies and the Group Requirements. They should also schedule an appointment with the Director of Teacher Licensure Programs as soon as possible.

Human Services Concentration
PY 221 Counseling and Interviewing
PY 345 Psychology of the Family
Plus the following additional courses, selected according to the student’s area of interest and consultation with her academic advisor:

For clinical work with children:
PY 216 Child Development
PY 217 Childhood Disabilities
One of the following:
PY 234 Cross-Cultural Psychology
PY 300 Psychology of Race, Class and Gender
PY 305 Personality and Social Development in Children
PY 328 Psychological Testing

For clinical work with adolescents/adults:
PY 231 Abnormal Psychology and
One of the following:
PY 264 The Psychology of Adolescence and Young Adulthood
PY 364 Adult Development and Aging and
One of the following:
PY 115 Psychology of Women
PY 224 Group Dynamics
PY 234 Cross-Cultural Psychology
PY 300 Psychology of Race, Class and Gender
PY 328 Psychological Testing

Industrial/Organizational Psychology Concentration
PY 221 Counseling and Interviewing
PY 224 Group Dynamics
MN 211 Management Principles
Choose two of the following (one of which must be a Psychology course and one of which must be a Management course):
PY 364 Adult Development and Aging
PY 328 Psychological Testing
MN 220 Organizational Change: Strategies and Methods
MN 301 Human Resource Management

It is strongly recommended that students interested in the Industrial/Organizational Psychology Concentration select PY 206 Social Psychology as part of their Psychology core.

For students interested in working in Human Resources, it is also strongly recommended that you elect MN 301 Human Resources Management.
Minor Requirements

Psychology

PY 101 Introduction to Psychology
PY 340 Research Design and Applied Statistics

Two Psychology courses at the 200 level or above.

One Psychology course at the 300 level.

Social and Political Systems

Michelle Cromwell, Ph.D.
Rebeca Gomez Figueroa, J.D.
Paula Mangum, J.D.
Cynthia Miller, M.A.
William Vogele, Ph.D.

The B.A. Program in Social and Political Systems is designed for students interested in developing a deeper understanding of the social and political world in which we live—social issues, social change, political events, and government. The program provides a solid grounding in the methods and perspectives that are relevant to examining and acting on contemporary social and political problems. The core courses of the program introduce the concepts of social and political systems—the relationships of people in their communities, from the family and neighborhood to the global arena. These courses also provide experience with the process of social research, understanding and analyzing public policy, and the power of activism for social change that links local and global issues. In the selection of electives, the student focuses her interests and applies her skills in the area that is most meaningful to her. Through these courses, plus an internship and a capstone seminar, students develop the analytical skills and the substantive knowledge necessary for continuing leadership and learning in their community and profession.

Major Requirements

Social and Political Systems

SPS 101 Introduction to Social and Political Systems
SPS 211 Special Topics in Public Policy
or
CHC 200 Healthcare Policy

SPS 220 Local Action-Global Change

SPS 381 Methods of Social Research

SPS 382 Project Design for Social Research (2 cr.)

SPS 490 Senior Seminar

SPS 495 Senior Internship

Electives (six courses)

The student selects a focus for her study by choosing six courses from those listed below or others approved by the program faculty. Two of the electives must be at the 300-level.

Students can focus their studies in a number of ways, depending on their interests and professional objectives—political science emphasizes studies of power, law and government; sociology and anthropology focus on communities, cultures and social change; a world systems focus examines global political and economic relationships and the processes of interaction; a focus on law and criminal justice brings together learning from disciplines across the major, including political science, sociology and psychology. The groupings listed below are examples of courses that can be clustered to create a focused course of study.
Focus on American Political Systems and Policy

PS 101 Introduction to Politics
PS 111 American Government and Politics
PS 201 Comparative Politics
PS 211 American Foreign Policy
PS 231 Women in Politics
PS 241 The American Legal System
PS 313 Campaigns and Elections in the United States
PS/WS 245 Women and the Law
SO 330 Power and Privilege
SPS 305 Social Movements and Social Change
CHC 200 Healthcare Policy

Focus on Community Systems

AN 101 Cultural Anthropology
AN 220 Culture, Health, and Healing
SO 201 Social Problems
SO 216 Making Morality: The Social Construction of Conformity and Deviance
SO 225 Sociology of Sport
SO 240 Work, Leisure, and Society
SO 250 The Nature of Prejudice and Discrimination
SO 252 Crime and Delinquency
SO 291 Sociological Theory
SO 310 Family in Society
SO 320 Health, Medicine, and Society
SO 330 Power and Privilege
SPS 150 Peace and Conflict Resolution
SPS 305 Social Movements and Social Change
CHC 100 Introduction to Community Health

Focus on International Systems

AN/IDS 120 Communicating Identities in the Global Culture
AN 220 Culture, Health, and Healing

AN 320 Topics in Developing Areas Studies
PS 131 International Relations
PS 132 Model United Nations
PS 201 Comparative Politics
PS 211 American Foreign Policy
PS 232 The United Nations
PS 310 International Organizations
PS 315 International Political Economy
SPS 150 Peace and Conflict Resolution
LS 230 World Geography
EC 302 International Economics

Focus on Law and Criminal Justice

IDS 141 Law, Literature, and Popular Culture
PS 111 American Government and Politics
PS 241 The American Legal System
PS 248 Family Law and Children’s Justice
PS/WS 245 Women and the Law
SO 201 Social Problems
SO 250 The Nature of Prejudice and Discrimination
SO 252 Crime and Delinquency

All students are encouraged to take additional courses from throughout the college curriculum that support their goals, such as study of a language other than English, Microeconomics or Macroeconomics, Biology courses such as the “Biology of HIV/AIDS”, or Psychology courses, such as “Counseling and Interviewing.” SPS majors with a strong focus in sociology and interest in professional work in criminal justice or human services are encouraged to pursue a minor in Psychology or in Counseling. In addition, students are strongly encouraged to take CO 101 Public Speaking, CO 201 Persuasive Speaking, EN 208 The Art of Advanced Prose Writing.
Social and Political Systems
A minor in Social and Political Systems empowers a student with perspectives and tools for social analysis and social change. A broad perspective on communities, encompassing both local and global meanings, enhances the student’s ability to act meaningfully in the world. The minor provides preparation for careers ranging from human services to law to social activism.

**Minor Requirements**

Social and Political Systems
- SPS 101 Introduction to Public and Political Systems
- SPS 211 Special Topics in Public Policy
- SPS 220 Local Action–Global Change
- Two additional courses from Political Science, Social and Political Systems, or Sociology.

Sociology
A minor in Sociology gives the student the opportunity to challenge the truth of commonly held assumptions, to discern the patterns and processes of our social interactions, and to see the wide variety of social relations. A minor in Sociology enables a student to prepare for law school or work in human services.

**Minor Requirements**

Sociology
- SPS 101 Introduction to Social and Political Systems
- Four courses in Sociology at the 200 level or above.

Spanish
Rachel Vieux, M.A.

A fluent and literate Spanish student reaps the personal satisfaction of speaking, reading, and writing an additional language and enjoys the practical benefits of a skill that can enhance job opportunities in a variety of fields.

**Certificate of Competence in Spanish**

The certification program enables students majoring in one of Pine Manor College’s B.A. programs to earn additional credentials that may be helpful in pursuing careers where skill in an additional language is an asset.

**Level I**

Students entering the program at the elementary level qualify for the *Certificado de Español Practico* upon successful completion of the following:
- SP 101 Elementary Spanish I
- SP 102 Elementary Spanish II
- SP 201 Intermediate Spanish I
- SP 202 Intermediate Spanish II

One upper-level course taken through cross-registration.

Theatre
Emma Dassori, M.A.
Robert J. Owczarek, M.A.
Heidi Schoenfeldt, M.A.

**A.A. Concentration in Theatre**

A student may concentrate or minor in theatre; an individualized B.A. is also an option. Courses in acting, production, management, and history provide appreciation and training. Major fall and spring productions offer opportunities for acting, production, and stage management experience. Internships and directed studies are available as well. In addition, courses in dramatic literature (EN 216, EN 217, EN 228) and dance (DA 101–2, DA 111–112, DA 225–6, DA 260, DA 280-1), along with ED/MU 210 Music and Movement for Children, and
private instruction in voice are strongly recommended. Other relevant courses are offered through cross-registration at Boston College.

Course of study for the A.A:
Any five of the following:

TH 104  Introduction to the Theatre
TH 105  Improvisation: Playing Seriously
TH 141  Design and Building for the Theatre
TH 211  Acting I: Scene Study
TH 212  Acting II: Acting Workshop
TH 251  Theatre for Children

Minor Requirements

Theatre
TH 104  Introduction to the Theatre
One of the following:
EN 216  Shakespeare I
TH/EN 217  Shakespeare II
Three additional theatre courses.

Visual Arts

L'Merchie Frazier, B.A.
Rachel Loischild, M.F.A.
Carole Rabe, M.F.A.
William Stargard, Ph.D.
Stephanie Stigliano, M.F.A.

The Visual Arts major at Pine Manor College enables a student to emphasize either studio arts or art history in a self-designed type of major. A student takes a small number of required courses in these subjects, including a senior internship seminar and a senior thesis project, and selects one of two tracks in the major. A student and her advisor work very closely to select the electives in the major based on her interests and career goals. In addition, a student is also encouraged to take a broad range of courses outside the major which will complement her interests and career goals. A student may also register at nearby Boston College for additional courses.

Creative thinking is at the core of the Visual Arts curriculum. Students develop creative and critical thinking skills in visual expression and writing, as well as a broad range of studio and design skills that will serve them well in the workplace.
Courses are offered in Studio Arts, Computer Graphics, Photography, Graphic Design, and Art History. Students may also pursue a major in Communication and concentrate in Visual Communications (see Communication).

**Major Requirements**

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<thead>
<tr>
<th>Visual Arts</th>
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<tbody>
<tr>
<td>VA 103 Images to Ideas</td>
<td>VA 110 Drawing</td>
<td>AH 101 Introduction to Art History</td>
<td>VA 496 Senior Thesis Project</td>
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<tr>
<td>VA 495 Senior Internship</td>
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</tbody>
</table>

For Studio Art track:
One Visual Arts course at the 100 level.
One Visual Arts course at the 200 level or above (e.g. Painting II, Drawing II).
One Visual Arts course at the 300 level or above (e.g. Painting III, Drawing III).
One Art History course at the 200 level or above.

For Art History track:
One Exploratory Internship.
Two Art History courses at the 200 level.
One Art History course at the 300 level or above.

**Visual Communication Concentration**

This concentration offers students a good foundation in the skills necessary for a job in the media and arts fields. Students will take courses in digital technology as well as writing, editing, layout, drawing, photography, and design. Career paths include advertising, public relations, graphic and web design, and TV production.

CO 240 Media Writing
IN 295 Exploratory Internship

Three of the following:
Two must be CO courses, one of which must be at the 300-level:

CO 100 Introduction to Mass Communication
CO 120 Introduction to TV and Radio Production
CO 310 Public Relations
CO 340 Digital Moviemaking
CO 420 Advanced Video Production
MK 324 Advertising
EN 209 Journalism on the Web and on the Page
EN 200 Writing on the Job

Art History courses
**The exploratory internship is intended to be elected in the sophomore or junior year of study with the guidance of the student’s academic advisor.
One other Visual Arts course at the 100 level or above.

**Teacher Licensure**

Middle and Secondary Education (Grades 5–12)

Students who are majoring in Visual Arts have the opportunity of taking courses that would make them eligible for teacher licensure in Visual Arts in grades 5–12. Students who are interested in pursuing licensure should consult with their advisor and the Director of Education Programs during their sophomore year to discuss current requirements. Students will need to take courses required by the Massachusetts Department of Education, and will have the opportunity to participate in a variety of pre-practicum experiences. Students, upon completion of the MTEL Exam, will participate in a student-teaching practicum in a public school. Additional details about specific education requirements can be found in the Pine Manor Education Student Handbook.
Minor Requirements

Studio Arts
VA 103 Images to Ideas
or
VA 120 Design Fundamentals
One Visual Arts course at the 100 level or above.
Three Visual Arts courses at the 200 level or above.

Minor Requirements

Art History
AH 101 Introduction to Art History
Four additional courses in Art History at or above the 200 level.

Women’s Studies
Melinda Ponder, Ph.D., Coordinator

Minor Requirements

Women’s Studies
IDS/WS 101 Defining Women: Landmark Issues in Women’s Studies
Four of the following:
AH 303 Gender, Myth, and Power in Greek and Roman Art
BI 240 Biology of Women
CO 266 Women Filmmakers: The Reel Story
CO 280 Images of Women in the Media
EN 219 Who’s Afraid of Virginia Woolf?
EN 223 Bad Girls and Wild Women: Images of Female Transgression in Literature
EN 226 Women’s Lives in Film and Fiction
EN 229 Children’s Literature: Female Images and Gender Roles
EN 235 Female Voices of Diversity: Studies in Contemporary Literature
EN 332 American Girls and New Women: American Literature, 1870–1930
HI 252 Women in American History
EN 229 Children’s Literature of the U.S.: A Mirror of American Society
MU/WS 240 Women in Music
PS 231 Women in Politics
PS/WS 245 Women and the Law
PY 115 Psychology of Women
SO 310 Family in Society
An internship or a directed study may substitute for one of the courses listed above, subject to the approval of the Coordinator.