The College

The College of Professional Studies (CPS) at Alfred University offers leading bachelors and graduate programs designed to prepare students with the knowledge, skills, and applied experiences to be successful for today's complex world. The College houses programs of excellence preparing undergraduate students for careers and leadership roles in business, education, and athletic training practice settings.

With a strong foundation in liberal arts, CPS students learn about global issues, humanities and sciences, while beginning to explore the roles and knowledge bases within their profession. Practica and labs help students to affirm their interest in the major; while hands-on experiences in client-based classroom projects, field experiences and internships provide opportunities to hone real-world analytic and decision-making skills. Students are encouraged to explore options for minors that will cultivate their interests and provide unique professional preparation for the world of work or continued graduate studies.

The members of the CPS faculty are dedicated to the development of students as individuals and professionals. Many have significant professional and career experiences, which are combined with their passion for teaching to help guide students in their educational paths. They get to know students in and out of the classroom, as academic and club advisors, research sponsors and collaborators, and career mentors.

Mission Statement

The College of Professional Studies prepares individuals for successful professional careers. Through contemporary and innovative educational opportunities, we inspire future critical thinkers, lifelong learners, and leaders in diverse settings.

The School of Business

- The Bachelor of Science degree is offered in four major areas: Accounting, Business Administration, Finance, and Marketing
- The Master of Business Administration degree is offered through the Graduate School.

The Division of Education

- The Bachelor of Arts degree is offered with a major in Early Childhood/Childhood Education
- Minors are available in Art Education, Business Education, and Middle Childhood/Adolescence Education
- The Master of Science in Education degree is offered through the Graduate School.

The Athletic Training Program

- The Bachelor of Science degree is offered with a major in Athletic Training
- A minor is available in Exercise Science

The Division of School Psychology and Counseling

- Offers graduate programs at both the Master’s and Doctoral levels. See the current Alfred University Graduate Catalog for a complete description of these programs.
Accreditation
Programs within the College of Professional Studies meet the highest standards set by the accrediting bodies for each profession. School of Business programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB); the programs in education are accredited by the Teacher Education Accreditation Council (TEAC); the Athletic Training program is accredited by the Commission on Accreditation of Allied Health Education Programs; the doctoral program in School Psychology is accredited by the American Psychological Association (APA), while the master’s level program is accredited by the National Association of School Psychologists (NASP).

General Education Requirements

The general education requirements within the College of Professional Studies provide students with the knowledge and skills that fulfill the Alfred University mission to “prepare well-educated, independent thinkers ready for lives of continuous intellectual and person growth.” This journey of learning begins with a first semester seminar course, which introduces students to the profession they are intending to study and to the resources available at Alfred University for academic and personal success. Students must also complete written communication and quantitative reasoning courses which insure competency in these basic skill areas. The final requirement is that all students are exposed to a variety of ideas and gain intellectual breadth by completing at least one course each from three key areas within the liberal arts and sciences curriculum (humanities, natural sciences, and social sciences).

First Semester Seminar
Students take a one-credit seminar or “Perspectives” course (ATHT 105; BUSI 105; or EDUC 105) which provides an opportunity to learn about their profession and campus services and supports. Projects and teamwork provide opportunities to begin to develop relationships with faculty and classmates from their program.

Written Communication
Each student must successfully complete two semesters of college writing. Students may be exempt from courses based on their college entrance exams or Advanced Placement or International Baccalaureate courses completed in their high school program.

Quantitative Reasoning
Each student must complete at least four credits of quantitative reasoning. This area includes the ability to understand and evaluate arguments framed in quantitative or numerical terms; to analyze subject matter using quantitative techniques; to construct and evaluate quantitative arguments of one’s own; and to make reasoned judgments about the kinds of questions that can be effectively addressed through quantitative methods.

Humanities
Each student must complete at least four credits in the area of humanities. This area introduces students to people we have never met, places we have never visited, and ideas that have never crossed our minds. By showing how others have lived and thought about life, the humanities provides students with the ability to analyze texts and ideas that are contemporary and historical, personal and communal, and imaginative and reflective.
Natural Sciences
Each student must complete at least four credits in the area of natural science. This area introduces techniques of observation and experimentation, the relation of data to hypotheses, and the practice of scientific reasoning. This work trains the mind to relate concrete empirical information to abstract models, stimulating multidimensional and creative habits of thought.

Social Sciences
Each student must complete at least four credits in the area of social science. This area engages students in theory driven as well as empirical exploration and analysis of human transactions. They address the mental and behavioral activities of individuals, groups, organizations, institutions, and nations. Social science disciplines seek generalizable interpretations and explanations of human interaction.

List of Approved Courses
The College of Professional Studies has determined which courses meet the requirements for general education (see p. 185) and those which will fulfill liberal arts electives.

The general education program requires the 1st year seminar, written communication courses, and quantitative reasoning courses that have been specified for each major. In addition, students must complete at least one course from each of the three liberal arts areas of humanities, natural sciences, and social sciences; some CPS majors have specified the courses to be taken from each area. The entry-level liberal arts courses best suited for general education are 100 and 200 level courses. (Please note that a minimum of 4 credits is required in each of these three categories; students who transfer equivalent 3-credit courses from other institutions will be considered to have fulfilled the general education requirements).

In addition to the general education requirements, all students must complete additional liberal arts elective courses to complete degree requirements for the BS (60 liberal arts credits) or the BA (90 liberal arts credits). The courses approved to fulfill CPS general education and liberal arts requirements are designated with CPS attributes of Written Communication (CLAS/UNIV), Quantitative Reasoning (CPS), Humanities (CPS), Natural Science (CPS), and Social Sciences (CPS).

Students in some majors (athletic training, early childhood/childhood education) will find that their degree requirements (120 credits) are met through completion of the courses required for the major, general education requirements and liberal arts electives. Other students (business majors) will find that they have flexibility to add unclassified electives (e.g. studio arts courses, career and personal development courses) to meet the 120 credit requirement.

Many minors have liberal arts courses as part of their requirements; these courses can also be counted towards fulfillment of liberal arts electives.
Major and Minor Requirements

The School of Business

Mission Statement
The School of Business advances Alfred University's mission and goals in providing intellectual leadership through teaching, research and service. We provide active-learning driven educational programs in business management to interdisciplinary undergraduate and graduate students who value an intimate, interactive, student-centered learning environment. We develop our students into ethical business leaders who can think critically and communicate effectively in both domestic and global arenas. Our faculty conducts discipline based, applied and instructional research that bridge the gap between business theory and practice. In support of this mission our undergraduate learning goals are:

Leadership - Our graduates will understand the situational context of leadership. They will be able to initiate collaboration with team members in identifying and achieving common objectives.

Ethical Professional Behavior - Our graduates will understand the need for ethical practices in business.

International Business Environment - Our graduates will have an awareness and understanding of the legal, political, social, economic, and cultural environments facing international business.

Critical Thinking - Our graduates will be able to gather and analyze relevant information to identify problems and opportunities and to achieve creative and effective results.

Productive Communication - Our graduates will be effective communicators. They will be able to exchange and interpret verbal, written, and expressive messages.

Knowledge of Business Functions - Our graduates will understand and apply core business functions:
- Management
- Accounting
- Economics
- Marketing
- Management Information Systems (MIS)
- Finance
- Quantitative methods
- Global business/second language
- Legal environment of business

Accreditation
The undergraduate business program at AU is professionally accredited by AACSB International - The Association to Advance Collegiate Schools of Business. AACSB is a not-for-profit corporation of educational institutions, corporations and other organizations devoted to the promotion and improvement of higher education in business administration and management.

Of the approximately 1200 institutions of higher learning in the United States which offer business degrees, about one third are accredited by AACSB-International. AACSB accreditation allows students to satisfy graduate school foundation equivalents for several of the nation’s leading graduate school programs offering the MBA degree.
Clubs and Honor Societies
The School of Business has a variety of organizations to enrich student experience. These include the Financial Management Association, American Marketing Association, Enactus (Entrepreneurial Action Society), the Society for Human Resource Management, Phi Beta Lambda (Future Business Leaders), and the Institute of Management Accountants. In addition, the School has a Student-managed Investment Fund (SMIF) which allows students to participate in managing an active portfolio while gaining academic credit. The School also has national honor societies that recognize superior academic achievement by the students. These organizations include chapters in Alpha Iota Delta National Honor Society in Decision Sciences, Beta Gamma Sigma (exclusively for AACSB accredited schools), Delta Mu Delta Honor Society in Business Administration, Financial Management Association in Finance, Mu Kappa Tau in Marketing, the Pacioli Honor Society in Accounting, and the Omicron Delta Epsilon Honor Society in Economics.

Career Success
Recent Alfred University graduates have attained positions in major international, national and regional accounting firms (PricewaterhouseCoopers, KPMG, Ernst & Young, Crowe Horwath, EFP Rotenberg, Bonadio CPA's The Bonadio Group), in the financial services industry (Travelers, Bank of America, Dun and Bradstreet, Commercial Metals Company, General Electric Commercial Finance, Merrill Lynch), in the information services arena (Hewitt Associates), in marketing-oriented companies (ADP, AT&T), and in technology oriented firms (About-Thetttman Internet, Citadel Communications, IBM Global Services). A number of recent graduates also chose to pursue graduate or professional degrees at schools such as Albany Law School, Alfred University, Long Island University, Pace University, Purdue University, Rochester Institute of Technology, Schiller International University, University at Buffalo School of Law and University of Scranton.

Majors Offered in the School of Business
School of Business students can obtain a Bachelor of Science degree with a major in Accounting, Business Administration, Finance or Marketing. The majors in the School of Business provide options within a sound liberal-professional education suitable for many post-graduation objectives ranging from immediate entry into the job market to graduate school. Alfred University’s program emphasizes leadership development and active “hands-on” learning. All students complete a Field Experience requirement in consultation with their advisor. AU’s environment provides an opportunity for leadership development with a mix of curricular and co-curricular activities which provide students with opportunities to attain distinction. Students who complete any of the business majors and are accepted into the Master’s of Business Administration Program at Alfred can complete the MBA degree within one year (30 graduate credits).

The Business Administration major prepares students for professional careers in areas such as accounting, business economics, family business, finance, management, marketing, management information systems, international business and entrepreneurship. Each business administration student chooses a faculty advisor who not only helps him or her explore career options but also recommends courses to be taken over the sophomore, junior and senior years. The Business Administration major provides a high degree of flexibility. In consultation with a faculty advisor, a student is encouraged to explore career options, including graduate school, and to select business and non-business electives that provide a professional focus.
The Accounting major prepares students to become professional accountants. Those students interested in public accounting are encouraged to pursue the license to become a Certified Public Accountant (CPA); those interested in corporate or governmental accounting are encouraged to seek designation as a Certified Management Accountant (CMA). All students are urged to augment their accounting curriculum with a minor or coursework in those areas which are in great demand in accounting, such as finance or economics. Accounting graduates can apply for the MBA- Accounting specialization, which leads to fulfillment of the 150 credits required by New York State for the CPA exam.

The Marketing major recognizes the importance of design in the professional practice of marketing. Through a partnership with the Alfred University School of Art and Design, marketing majors take a required course in Visual Communications. This partnership allows students to benefit from our internationally recognized faculty in the School of Art and Design. Through the marketing curriculum students complete projects in new product development, service learning. Many participate in the student organization Students of Marketing at Alfred – AMA (SOMA-AMA).

The Finance major emphasizes fundamental accounting and finance concepts, theories and practice to promote well-informed financial decision-making. It prepares students for careers in business and industry as financial analysts and managers, and provides an excellent background for graduate programs in finance or management. Others enter the consulting or legal professions, or develop careers in the various occupations related to investment activity or financial institutions. Students in the University’s finance program are actively sought by corporate recruiters who know the students have been well prepared for the world of contemporary finance.

The School also offers minors in Accounting, Business Administration/Pre-MBA (non-School of Business students only), Arts Management, Economics, Equine Business Management, Family Business and Entrepreneurship, Finance, International Business, Management Information Systems, Marketing, and Sports Management. School of Business students may minor in fields within or outside of the School of Business. Lists of courses required for various minors are found elsewhere in this catalog.

The general course requirements for all School of Business students, including fulfillment of university requirements, are listed below. A minimum of 60 credits of liberal arts courses is required for all Bachelor of Science degrees. A total of 120 credit hours, including acceptable transfer credit (but excluding physical education requirements) is required for graduation. Enrollment in business and economics courses numbered 300 or above requires junior standing (60 semester credit hours).

**General Course Requirements – Professional Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 105</td>
<td>Business Perspectives</td>
<td>1</td>
</tr>
<tr>
<td>BUSI 457</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>or FIN 458</td>
<td>International Financial Management</td>
<td></td>
</tr>
<tr>
<td>or ECON 412</td>
<td>International Economics</td>
<td></td>
</tr>
<tr>
<td>or MKTG 489</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 499</td>
<td>Business Policy</td>
<td>3</td>
</tr>
<tr>
<td>ECON 300-400</td>
<td>one upper-level course in Economics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 348</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>LAW 241</td>
<td>The Legal Environment of Business</td>
<td>3</td>
</tr>
</tbody>
</table>
Curriculum Requirements for Business Majors

Business Administration Major
Students opting for this major must take the courses listed above in the professional core, additional elective courses in business, and a field experience, to total a minimum of 48 credit hours. Students are encouraged to focus their business interests through selection of minors offered by the School of Business, as well as minors within the College of Liberal Arts and Sciences.

Accounting Major
Given that course requirements for taking the CPA examination are set by state law, the Accounting major’s curriculum is tightly structured. They must also take all the courses listed in the Professional Core, Arts and Sciences core, additional liberal arts courses to total 60 credits, plus all courses listed below:

ACCT 361 Intermediate Accounting I 3
ACCT 362 Intermediate Accounting II 3
ACCT 371 Personal Income Tax 3
ACCT 372 Cost Accounting 3
ACCT 441 Auditing Theory and Practice 3
ACCT 462 Applications of Advanced Accounting Principles 3
Accounting majors must receive a grade of “C” or better in all accounting courses and in each business course listed above as requirements for the accounting major.

Students who wish to continue into the MBA-Accounting Program must complete a graduate application and provide two letters of recommendation. Students whose grade point average is 2.75 or greater will be permitted to waive the GMAT exam requirement and need not submit letters of recommendation.

Finance Major
Students who wish to major in Finance must complete the Professional Core and the Arts and Sciences Core, additional arts and sciences electives to total a minimum of 60 credit hours, and the following Finance requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 361</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 205</td>
<td>Student Managed Investment Fund</td>
<td>1</td>
</tr>
<tr>
<td>FIN 206</td>
<td>Student Managed Investment Fund Lab</td>
<td>1</td>
</tr>
<tr>
<td>FIN 310</td>
<td>Introduction to Financial Planning</td>
<td>3</td>
</tr>
<tr>
<td>FIN 400</td>
<td>Seminar in Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 454</td>
<td>Security Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FIN 455</td>
<td>Business Financial Decisions</td>
<td>3</td>
</tr>
<tr>
<td>FIN 458</td>
<td>International Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus, choose one of the following:
- ECON 331  Money and Banking  3
- FIN/ECON 445 Managerial Economics  3
- FIN 453  Financial Markets and Institutions  3
- FIN 457  Portfolio Management  3

Marketing Major
Students who wish to major in Marketing must complete the Professional Core and the Arts and Sciences Core, arts and sciences electives to total a minimum of 60 credit hours, and the following Marketing requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 288</td>
<td>Visual Communications I</td>
<td>4</td>
</tr>
<tr>
<td>MKTG 452</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 479</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 486</td>
<td>Promotion Strategy</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 499</td>
<td>Strategic Marketing Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus, choose 3 credit hours from the following:
- MKTG 400  Seminar in Marketing  3
- MKTG 453  Marketing Practicum  3
- MKTG 482  Sales Management  3
- MKTG 489  International Marketing  3

Minors in the School of Business
The School of Business has developed minors in Accounting, Arts Management, Business Administration, Economics, Family Business and Entrepreneurship, Finance, International Business, Management Information Systems, Marketing, and Sports Management. Students completing any of these minors must complete at least half of their course work at Alfred University.
Courses taken elsewhere numbered 300 or higher at Alfred University must be taken at a comparable baccalaureate degree granting school. A grade point average of a “C” (2.0) or better must be attained in all courses required for completion of a minor.

**Accounting**

Non-Accounting majors can pursue a minor in accounting. The Accounting Minor Program provides students with a background in financial and managerial accounting, taxation and financial statements analysis. The minor also provides preparation for graduate programs in accounting, business and law.

**Accounting Minor Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 361</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 113</td>
<td>Business Statistics (or equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 261</td>
<td>Operations Research</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>4</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 104</td>
<td>Quantitative Methods for Business</td>
<td>4</td>
</tr>
</tbody>
</table>

*Plus two courses from among the following:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 362</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 371</td>
<td>Personal Income Tax</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 372</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 462</td>
<td>Applications of Advanced Accounting Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total credit hours 32**

**Arts Management Minor**

The Arts Management Minor provides an interdisciplinary approach to the business of art and management of arts organizations. Students have the opportunity to learn and explore the theoretical content and practical skills that engage arts professionals managing individual businesses, serving community arts organizations, and managing not-for-profit arts organizations in the visual, performing, and literary arts. The Arts Management minor is jointly offered by the School of Business, the School of Art and Design, and the College of Liberal Arts and Sciences and is open to all AU students. Students have one advisor from business and one from the arts content area.

**Arts Management Minor Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 485</td>
<td>Internship (specific to Arts Management)</td>
<td>2-4</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>4</td>
</tr>
<tr>
<td>MKTG 221</td>
<td>Marketing Principles and Management</td>
<td>3</td>
</tr>
</tbody>
</table>

*Choose one additional business course from the following:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSI 201</td>
<td>Family Business Management</td>
<td></td>
</tr>
<tr>
<td>BUSI 439</td>
<td>Entrepreneurship in the 21st Century</td>
<td></td>
</tr>
</tbody>
</table>

*Choose three arts course, at least one from each Section (A and B, below)*

<table>
<thead>
<tr>
<th>Section A- History and Theory</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 201</td>
<td>Art History (any course)</td>
<td>2-4</td>
</tr>
<tr>
<td>DANC 211</td>
<td>Dance History</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 241</td>
<td>Survey of American Literature</td>
<td>4</td>
</tr>
<tr>
<td>IART 460</td>
<td>Interdisciplinary Art Seminar</td>
<td>4</td>
</tr>
<tr>
<td>MUSC 110</td>
<td>Music Appreciation</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total credit hours 25-29**
MUSC 211  World Music  4
PHIL 283  Philosophy of the Arts I  4
PHIL 300  Topics in Philosophy (consult with advisor) 1-4
THEA 110  Introduction to Theatre  4
THEA 210  The Performing Arts: A Global Perspective  4
THEA 311  Theatre History I  4
THEA 200/300/400Special Topics in Theatre (consult with advisor) 1-4

Section B-Applied and Studio Skills Courses

ART 111  Beginning Drawing  4
ART 121  Beginning Sculpture  4
ART 133  Basic Black and White Photography  4
ART 151  Introduction to Ceramics  4
ART 288  Visual Communications I  4
ART 389  Exhibition Design  2
(open only to Art and Design students)
DANC  any Dance course  1-4
ENGL 200  Special Topics in Writing  2-4
ENGL 202  Fiction Workshop  4
ENGL 205  The Play's the Thing! - Playwriting  4
ENGL 206  Poetry Workshop  4
ENGL 372  Dramatis Personae  4
ENGL 373  Auto/Biographical Acts: Studies in Creative Nonfiction  4
ENGL 374  Writing the Short Story  4
ENGL 375  Writing Formal Poetry  4
ENGL 376  Writing the Long Poem or Poetic Sequence  4
IART  Interdisciplinary Art (any course)  1-4
PDAT 120  Technical Theatre  4
PDAT 220  Principals of Theatrical and Performance Design  4
THEA 230  Stage Management Fundamentals  4
THEA 240  Acting I  4
PDAT/THEA 270  Play Production  1-4
THEA 200/300/400Special Topics (consult with advisor) 1-4

Business Administration Minor/Pre-MBA Program

The School of Business offers a 4 + 1 minor for non-School of Business students. By completing the appropriate foundation courses at the undergraduate level, a student may successfully complete the requirements for a Masters in Business Administration (MBA) at Alfred University in one year after receiving his or her undergraduate degree. A grade point average of a C (2.0) or better must be attained in the courses for completion of minor. Students completing the minor are thus eligible to complete the 30 credit hour MBA at Alfred University. The GMAT will be waived for students who complete the minor and have a minimum cumulative grade point average of 2.5. The 4 + 1 Program does not guarantee admission to the MBA Program. Students must apply for admission and submit all required application materials.

Business Administration Minor/Pre-MBA Requirements:

ACCT 211  Financial Accounting  3
ACCT 212  Managerial Accounting  3
BUSI 113*  Business Statistics  3
ECON 201**  Principles of Microeconomics  4
ECON 202  Principles of Macroeconomics  3
FIN 348  Managerial Finance  3
MGMT 328 Management and Organizational Behavior 3
MGMT 484*** Operations Management 3
MKTG 221 Marketing Principles and Management 3
Total credit hours 28

* ENGR 305 or POLS/SOCI 230 or PSYC 220 may be substituted for BUSI 113
** ENGR 206 may be substituted for ECON 202
*** CEMS 484 may be substituted for MGMT 484

Economics
Economics provides an excellent background for work in the fields of banking, finance, and other areas where an understanding of economics is required. The balanced coordination of economics and business administration courses is also appropriate for entry into a variety of civil service positions with the federal, state, and local government or entry into graduate school.

Economics Minor Requirements
ECON 201 Principles of Microeconomics 4
ECON 202 Principles of Macroeconomics 3
ECON 400 Seminar in Economics 3
ECON 300+ Upper-level Economics Course 3
Total credit hours 16

Equine Business Management
Students interested in the management of an equine business or working in the equine industry will benefit from this collaborative minor between Equestrian Studies and the School of Business.

Equine Business Management Minor Requirements
ACCT 211 Financial Accounting 3
BUSI 439 Entrepreneurship in the 21st Century 3
EQUS 215 Equine Management 4
MKTG 221 Marketing Principles and Management 3
MKTG 482 Sales Management 3
Plus a minimum of six (6) credit hours from among the following courses
EQUS 200 Topics* 2-4
EQUS 205 Introduction to Equine Science 4
EQUS 216 Horse Show Management 4
EQUS 218 Judging Horse Shows 4
EQUS 223 Hunter and Jumping Course Design 2
Total credit hours 22
*With approval depending on course content

Family Business and Entrepreneurship
Students interested in the management of a Family Business or in the field of Entrepreneurship should consider courses in Entrepreneurship, Family Business Management, Estate Planning, and New Product Development. Such courses are often taught as seminars focusing on applied learning and interaction with professionals. In addition to these courses, students are required to complete at least a 3 credit-hour internship (in a family business).

Family Business and Entrepreneurship Minor Requirements
ACCT 211 Financial Accounting 3
BUSI 201 Family Business Management 3
BUSI 439 Entrepreneurship in the 21st Century 3
College of Professional Studies

BUSI 485  Internship (in a family business)  2-4
ECON 201  Principles of Microeconomics  4
LAW 241  The Legal Environment of Business  3
MKTG 221  Marketing Principles and Management  3

Plus three (3) credit hours from among the following courses:
ACCT 371  Personal Income Tax  3
BUSI 400  Seminar in Business  3
FIN 310  Introduction to Financial Planning  3
LAW 442  Commercial Law  3

Total credit hours  24-26

Finance

Non-Finance majors can pursue a minor in finance. The minor provides the opportunity for students to cultivate the critical thinking skills and develop the ability to apply financial analysis to a wide range of business finance issues.

Finance Minor Requirements
ACCT 211  Financial Accounting  3
ACCT 212  Managerial Accounting  3
ECON 201  Principles of Microeconomics  4
ECON 202  Principles of Macroeconomics  3
FIN 348  Managerial Finance  3
FIN 310  Introduction to Financial Planning  3
FIN 458  International Financial Management  3
FIN 454  Security Analysis  3

Plus six (6) credit hours from among the following courses:
FIN 205  Student Managed Investment Fund  1
FIN 206  Student Managed Investment Fund Lab  1
FIN 453  Financial Markets and Institutions  3
FIN 455  Business Financial Decisions  3
FIN 400  Seminar in Finance  3

Total credit hours  28

International Business Minor

International Business is a current high-demand program of study based on the globalization of business. Students complete at least two semesters of a modern language, gain an understanding of global cultures, and build a foundation in all areas of international business. Students are encouraged to participate in an international study experience.

International Business Minor Requirements
(Language)  Two Semesters of one Modern Language  8
GLBS 101  Intro to Global Studies and Intercultural Communication  4

Plus, Complete 4 of the following 5 Options:  9-12
BUSI 457  International Business (3 credit hours)
ECON 412  International Economics (3 credit hours)
FIN 458  International Financial Management (3 credit hours)
MKTG 489  International Marketing (3 credit hours)

International Experience:
- Business-related faculty-led travel course abroad (3 credit hours)
- Internship Abroad (minimum 3 credit hours)
- One full semester of study abroad

Total Credit Hours  21-24
Marketing
Non-Marketing majors can pursue a minor in marketing. The Marketing minor is recommended for business and non-business students who want to consider sales, advertising, and marketing careers, or want to complement their major area of study.

Marketing Minor
BUSI 113*  Business Statistics  3
ECON 201  Principles of Microeconomics  4
MKTG 221  Marketing Principles and Management  3
MKTG 479  Consumer Behavior  3

Plus six credit hours from among the following courses:
ART 288  Visual Communications I  4
MKTG 452  Marketing Research  3
MKTG 453  Marketing Practicum  3
MKTG 460  Seminar in Marketing  3
MKTG 482  Sales Management  3
MKTG 486  Promotion Strategy  3
MKTG 489  International Marketing  3
MKTG 499  Strategic Marketing Management  3

Total credit hours 19-20

* ENGR 305 or POLS/SOCI 230, or PSYC 220 may be substituted for BUSI 113

Sports Management Minor
The Sports Management Minor draws from various academic areas to provide students with an exposure to the business of sport. Students combine foundation skills in business administration with knowledge and skills required to manage sports operations. An internship in a sports facility provides a culminating professional experience for the minor.

Required Courses:
ACCT 211  Managerial Accounting  3
ATHT 232  Introduction to Sports Management  3
ATHT 242  Sports, Society, and Ethics  3
ATHT 432  Organization and Administration of Athletics  2
BUSI 485  Internship (in a sports-related business)  2-4
COMM 302  Public Relations Principles  4
LAW 241  The Legal Environment of Business  3
MKTG 221  Marketing Principles and Management  3

Total Credit Hours 23-25

The Division of Education
Housed in the Division of Education is a major in Early Childhood/Childhood Education and minors in Adolescent, Visual Arts and Business Education. Various content certifications are available including, Math, Sciences (physics, chemistry, biology, living environments) Social Studies (history or political science), English, Languages (Spanish & French) with an extension available to Middle Childhood. (Refer to the Graduate School Catalog for information on graduate programs offered by the Division of Education.)

Education Major: Early Childhood/Childhood Education
Students completing the program meet the academic requirements of the New York State Education Department for certification in Early Childhood (PK-2 gr.) and Childhood Education (1-6 gr.).
Students who major in Early Childhood/Childhood Education receive an integrated blend of professional education methods coursework and field based opportunities in area schools that enable them to apply theory to classroom situations. These field-based experiences expose students to a diverse number of educational environments.

Students majoring in Early Childhood/Childhood Education must complete coursework in the arts and sciences that is rich in breadth and depth and fulfill requirements in basic competencies and areas of knowledge in the following subjects: written communication, mathematics, computer, literature, foreign language, arts, social science, historical studies and natural science.

**Academic Area of Concentration (or Second Major)**

Students majoring in Early Childhood/Childhood Education must complete 30 hours in an academic area of concentration or fulfill the requirements of a second major. In either case, students select an academic area that is aligned with the current New York State Learning Standards. Possible academic areas include English, Mathematics, Psychology, Science, and Social Studies (History). Coursework in the academic area of concentration must represent breadth (100-200 level courses) and depth (300-400 level courses) in the content.

**Prerequisite Courses**

- EDUC 105 Perspectives in Education
- EDUC 230 Psychological Foundations of Education
- EDUC 231 Social Foundations of Education
- MATH 102 Mathematics for K-6 Teachers
- SCIE 127 Doing Science

Plus: Take one additional science course addressing the NYS content learning standards in Science.

**Admission to Program**

Upon admission to the College of Professional Studies, students may establish their major in Education. At the end of their sophomore (2nd) year, students are reviewed for continued enrollment in the Early Childhood/Childhood Education Major. At this time, students must have declared Education as their major and met with their Education advisor to ensure that all prerequisites have been met, that they have an overall 2.75 GPA in their liberal arts coursework, and have achieved a 3.0 GPA in the prerequisite education courses (EDUC 230 and EDUC 231).

The Education portion of the program starts in the spring semester of the students’ junior year, and includes field-based coursework in early childhood/childhood curriculum, orientation, methods of teaching literacy, and integrated methodology of social studies, math, science and technology. The required concurrent field experience in two extended placements take place in area schools and are designed as an opportunity to blend theory with experiential application. The following fall semester students are placed in area schools for two student teaching experiences. Students will need transportation to area school districts for both field placement (spring semester) and student teaching (fall semester) placements. Students must earn a grade of C in all Education and Special Education courses required for teacher certification.

Concurrent coursework in advanced literacy methodology, and classroom assessment and evaluation strategies during this semester are designed to assist students with instructional planning and to incorporate and to align instruction, curriculum, and assessment with the New York State Learning Standards.
Core Courses

*Spring Semester - Junior Year*

- EDUC 375 Early Childhood/Childhood Practicum 3
- EDUC 471 Methods of Teaching Literacy 6
- EDUC 474 Orientation to the Early Childhood/Childhood Classroom 3

*Fall Semester - Senior Year*

- EDUC 461 Student Teaching 12
- EDUC 472 Competency Skills in Teaching Literacy 3
- EDUC 473 Assessment in the Early Childhood/Childhood Classroom 3

*Spring Semester - Senior Year*

- SPED 456 Human Development: Exceptionality 3

Education Minor:

Adolescence Education (gr. 7-12) with extension available to Middle Childhood (gr. 5-9)

Special Subjects: Visual Arts and Business and Marketing (birth -12 gr.)

Students completing the program meet the academic requirements of the New York State Education Department for certification.

Students who minor in Education receive an integrated blend of professional education methods coursework and field based opportunities in area schools that enable them to apply theory to classroom situations. These field-based experiences expose students to a diverse number of educational environments.

Students who wish to minor in Education must complete coursework in the arts and sciences that is rich in breadth and depth and fulfill requirements in basic competencies and areas of knowledge in the following subjects: written communication, mathematics, computer, literature, foreign language, arts, social science, historical studies and natural science.

Preparation for a teaching certification in Adolescence with a Middle Childhood extension combines an academic major in a particular field, such as English or biology, with a Middle Childhood/Adolescence minor in the Division of Education. Adolescence Education, Middle Childhood Specialist subjects include Biology, Physics, Chemistry, Earth Science, English, French, Mathematics, Social Studies, Spanish and must be enrolled in the College of Liberal Arts and Sciences.

All students completing the program will receive certification in Adolescence Education (7-12). It is possible to receive an additional certification to teach Middle Childhood Education by completing additional coursework.

Students majoring in Business must be enrolled in the School of Business, and students majoring in Visual Arts must be enrolled in the BFA program in the School of Art and Design or the Interdisciplinary Art program in the College of Liberal Arts and Sciences and minor in Education.

A student preparing to teach in one of these areas should meet with an advisor in the Division of Education to integrate the education course requirements while planning a program of major studies.

Prerequisite Courses

- EDUC 230 Psychological Foundations of Education
- EDUC 231 Social Foundations of Education
College of Professional Studies

Admission to the Program
In year 1, students are encouraged to declare their minor in Education and complete the prerequisite courses (EDUC 105, EDUC 230 and EDUC 231). At the end of their sophomore (2\textsuperscript{nd}) year, students are reviewed for continued enrollment in the Education Minor. At this time, students must have declared Education as their minor and met with their Education advisor to ensure that all prerequisites have been met, that they have an overall 2.75 GPA in their liberal arts coursework, and have achieved a 3.0 GPA in the prerequisite education courses (EDUC 230 and EDUC 231).

Course Requirements
- Completion of Basic Competencies and Areas of Knowledge required for Liberal Arts and Sciences.
- Completion of academic major in Liberal Arts and Sciences, School of Business or School of Art and Design.

Adolescent and Business Education Specific Pedagogical Core
- EDUC 345 Education Fieldwork 3
- EDUC 405 Literacy in the Content Areas 3
- EDUC 413 Using Literature in Intermediate/Adolescent Classrooms 3
- EDUC 460 Seminar in Teaching and Professional Development 3
- EDUC 462 Student Teaching for Middle/Adolescent Certification 12
- EDUC 489 Current Teaching Methods: Middle Childhood/Adolescence Subjects 3
- SPED 456 Human Exceptionality 3

Middle Childhood Extension Certificate
Those students who wish to complete additional certification in Middle Childhood must complete all coursework required for the Adolescence certification. Additionally, students must complete EDUC 488 - Current Teaching Methods: Middle Childhood Subjects.

Visual Arts Specific Pedagogical Core
- EDUC 345 Education Fieldwork 3
- EDUC 405 Literacy in the Content Areas 3
- EDUC 413 Using Literature in Intermediate/Adolescent Classrooms 3
- EDUC 464 Seminar: Teaching & Profess Develop in Visual Arts 3
- EDUC 463 Student Teaching-Art Education 12
- EDUC 491 Methods and Curriculum in Art Education 3
- SPED 456 Human Exceptionality 3

*****specific general education course requirements including, Math, Science and one Language other than English.

Additional Program Requirements for All programs leading to New York State Teacher Certification

Examinations:
*Teaching all Students
*Assessment of Academic Literacy:
*edTPA): Teacher Performance Assessment
It is required that this be completed during the student teaching semester

*Content Specialty Test (CST):
Program candidates are recommended to take the appropriate Content Specialty Test (CST) for their certification area during their student teaching semester.
New York State Mandated Workshops:
All students must complete a state required workshop in Child Abuse Recognition and Reporting (CARR) and Safe Schools Against Violence in Education (SAVE) Dignity for All Students (DASA). All mandated workshops are offered to students as embedded content within the Division of Education curriculum.

Fingerprinting/Background Check:
Program candidates applying for Initial (first) certification must complete the fingerprinting/background check packet. Fingerprinting packets can be obtained through the Division of Education office.

Athletic Training Program

The program offers a major in Athletic Training and a minor in Exercise Science. Students are initially admitted to the Athletic Training major through the Admission Application to Alfred University as first year students. During the first year students enroll in the Athletic Training Basic Program (ATBP), complete a Technical Standards for Admission form, OSHA training, and a minimum of 50 clinical hours observing in the athletic training room under direct supervision of a certified staff athletic trainer. Upon successful completion of these program components, student can apply for full acceptance into the Athletic Training Program.

The directed observation period is comprised of two semesters. The emphasis in clinical directed observation is on the orientation and development of knowledge of the respective roles of Athletic Training personnel, and limited performance and/or direct application of technical skills and knowledge. Students are given an opportunity to observe athletic trainers working in these domains:
- Injury / Illness Prevention and Wellness Protection
- Clinical Evaluation and Diagnosis
- Immediate and Emergency Care
- Treatment and Rehabilitation
- Organization and Professional Health and Well-being

After completing the mandatory directed observation period, the prospective athletic training student may apply for acceptance into the Athletic Training Program (ATP). Application to the ATP level consists of submission of a résumé, immunization records, proof of a physical examination from a physician, intent to enroll, three letters of recommendation, transcripts, and evidence of successful completion of all requirements of the ATBP. Interviews with the program faculty are also required. In order to be considered for acceptance into the ATP the student must:
- have a cumulative grade-point average of 2.50 with a grade-point average of 2.75 or better in the courses included within the ATBP
- provide proof of current American Red Cross First Aid, CPR and AED certifications or certification as an Emergency Medical Technician.
- provide proof of Hepatitis-B vaccination or declination statement
- provide proof of physical examination by a physician
- complete an Athletic Training Program Technical Standards for Admission form
- complete an Athletic Training Program Application
- submit three (3) letters of recommendation
- undergo a formal interview with AU ATP faculty
- completion of 50 verified hours of supervised clinical experience and observation at Alfred University or approved affiliate
- active member of the Alfred University Athletic Training Club

Note: student membership in the National Athletic Trainers’ Association is encouraged
Appeals Process for Athletic Training Students

Alfred University and the Division of Athletic Training are committed to the highest principles of academic and personal integrity concerning the application and admissions process of the Athletic Training Program.

An athletic training student who has met all of the requirements necessary in order for admission into the ATP may be given provisional admission or denied admission altogether based upon any of the following grounds:

- a cumulative grade-point average lower than 2.50
- a cumulative ATBP grade-point average lower than 2.75 or a grade below a “C” in any of the ATBP courses
- incomplete application (missing one or any of the following: letter of application, résumé, letters of recommendation, transcripts
- failure to complete basic athletic training competencies
- lack of a minimum of 50 hours of accepted verified clinical experience
- failure to provide adequate proof of first aid/CPR/AED certification
- failure to provide proof of Hepatitis-B vaccination or declination statement

Provisional Admission

Special circumstances may arise where a student may be accepted provisionally to the Alfred University Athletic Training Program, based on one of the conditions listed above. This category of admission is only utilized when students are extremely close to meeting a specific admission criterion. Athletic training students admitted on a provisional status will be notified in writing. In this instance, students will be given very clear objective criteria, which must be satisfied for full admission. She/he will be given a specific set of goals/criteria, which must be met during the succeeding semester in order to maintain their position in the Athletic Training Program. During this time, the student must demonstrate continued progress toward the goal and eventual achievement. If the criterion is not met within the allotted time, the athletic training student will be downgraded to non-admission status. This student must then re-apply to the program for re-admission.

Second-Chance Provision

A student not accepted into the Alfred University ATP may reapply. This opportunity is intended for those who failed to gain admission on their first attempt. The student must formally submit a request to exercise the second chance provision. This request must be submitted no more than one (1) month after receipt of the denial notification. If not submitted in due time, the student waives the right to second chance provision and must reapply by means of the Athletic Training Program Admission policy.

The second chance provision consists of one additional semester for the student to demonstrate that he or she is capable of meeting the entrance requirements. The exact requirements to be met will be outlined in the letter of denial. Students will then submit a letter detailing how the deficiencies have been successfully addressed since denial of admission, have a follow-up interview with the Division of Athletic Training faculty/staff and submit two additional support letters of recommendation.

Appeals Process

Students not accepted into the ATP have the right to appeal to the Division of Athletic Training Program Director. It is anticipated that admission to the program by this route will be rare except in extenuating circumstances. A letter of appeal must be submitted no later than one (1) month following denial. It must detail the grounds for appeal. The letter will be reviewed by the Athletic Training Appeals Committee (comprised of the Program Director, full-time Division of Athletic
Training faculty/staff and the Dean of the College of Professional Studies) and ruled upon. The Division of Athletic Training faculty/staff reserves the right to determine the propriety of grounds for appeal based on the facts presented on a case-to-case basis.

A letter regarding the decision of the appeals committee will then be mailed to the student no later than two (2) months following the original denial/non-admission letter. The decision of the Appeals Committee is final.

Student Transfer Policy
Freshman or sophomore athletic training students applying for transfer to Alfred University from another institution having prior athletic training clinical experience must also complete the aforementioned criteria for acceptance (ATBP prerequisites including 50 supervised clinical experience hours). If a student transfers with prior athletic training clinical experience, she/he may petition to have the 100 hour directed observation requirement prorated, accordingly. The candidate must submit a letter of recommendation documenting his/her clinical experience hours from his/her former supervising certified athletic trainer. Once completing the prerequisite courses, the student may apply (following the application process outlined) for admission into the Athletic Training Program (ATP). These prerequisite courses must be taken at Alfred University; therefore, credit for these courses may not transfer from another institution. All transfer students will be evaluated on an individual basis for admittance to the ATBP.

Athletic training students who have completed their second year of athletic training courses or beyond at another institution and are applying for admission to Alfred University will not be considered for transfer into the ATP. The Alfred University Athletic Training Program currently does not allow juniors or seniors to transfer into the ATP.

Academic Requirements
Once a student is formally accepted into the ATP, he/she must adhere to the following guidelines and policies:

- Students must maintain admission requirements in order to remain in the program. Failure to maintain the published requirements will result in the student being placed on academic probation.
- If placed on academic probation, the student will have one semester to correct deficiencies. If she/he fails to correct deficiencies, the student will be suspended from the program.
- During probation from the ATP, the student will not be permitted to pursue additional athletic training classes or accumulate additional clinical hours unless given written permission from the Division of Athletic Training Program Director.

Program Summary for BS in Athletic Training
Students complete the Basic Program and the Athletic Training Program (below), the College of Professional Studies General Education Program, the University Physical Education and Global Perspective Requirements, and enough electives to reach at least 124 credit hours.

Basic Program Course Requirements (ATBP):
- ATHT 103 Prevention and Care of Athletic Injuries  4
- ATHT 104 Introduction to Clinical Experience   1
- ATHT 105 Perspectives on Athletic Training   1
College of Professional Studies

ATHT 110 Medical Sciences 2
ATHT 111 Emergency Medicine in Athletic Training 2
ATHT 205 Structural Kinesiology 2
ATHT 210 Advanced Athletic Training 3

Total credit hours 15

Athletic Training Program:
ATHT 190 Principles of Strength Training and Reconditioning 2
ATHT 201 Clinical Experience in Athletic Training I 1
ATHT 202 Clinical Experience in Athletic Training II 1
ATHT 215 Personal Health and Wellness 2
ATHT 222 Nutrition for Human Performance and Exercise 2
ATHT 265 Therapeutic Applications I 3
ATHT 276 Therapeutic Applications II 3
ATHT 301 Clinical Experience in Athletic Training III 1
ATHT 302 Clinical Experience in Athletic Training IV 1
ATHT 310 Orthopedic Procedures 2
ATHT 334 Physical Evaluation of the Lower Extremity 3
ATHT 348 Physical Evaluation of the Upper Extremity 3
ATHT 392 Biomechanics 2
ATHT 393 Physiology of Exercise 3
ATHT 401 Clinical Experience in Athletic Training V 1
ATHT 403 Medical Aspect of Athletic Training 1
ATHT 420 Pharmacology 2
ATHT 432 Organization and Administration of Athletics 2
ATHT 459 Research Design in Athletic Training 2
ATHT 485 Clinical Internship in Athletic Training 4
ATHT 490 Senior Seminar in Athletic Training 1
ATHT 495 Current Topics in Athletic Training 2
BIOL 207 Human Anatomy & Physiology/Lab I 4
BIOL 208 Human Anatomy & Physiology/Lab II 4
BIOL 202 Biology II/Lab 4
CHEM 105 General Chemistry I 4
COMM 101 Introduction to Communication Studies 4
or COMM 210 Interpersonal Communication
or COMM 302 Public Relations Principles
or COMM 409 Organizational Communication
PSYC 101 Introduction to Psychology 4
PSYC 220 Psychological Statistics and Methods 4
or POLS 230 Introduction to Data Analysis and Statistics
or SOCI 230 Introduction to Data Analysis and Statistics
PSYC 322 Health Psychology 2-4
PSYC 330 Neuropsychology 4

Total credit hours 78-80

Athletic Training Hours Requirements
Upon successful completion of the ATBP, the athletic training student must complete an additional minimum 900 verified clinical experience hours while occupying a place in the ATP. The Division of Athletic Training faculty/staff assigns clinical hours according to individual class schedules. Attendance is mandatory for all assigned clinical experiences. Athletic training students are required to obtain a minimum of 50 to 200 hours depending on the level of the clinical experience course enrolled each semester.
Approved Clinical Instructor Assignments
While enrolled in Clinical Experiences I-V the athletic training student will be assigned to a Clinical Preceptor. Each preceptor is responsible for a specific athletic team or clinical patient load. The athletic training student is responsible for attending all scheduled practices and home competitions and other assigned clinical times as mandated by the individual preceptor.

Each student will be given the opportunity to obtain hours within the parameters of upper extremity, lower extremity, general medical and equipment intensive environments that also encompass varying patient genders and ages.

Absences from Assigned Duties
An Absence from Clinical Assignment form must be completed by any athletic training student a minimum of three (3) days before a missed practice or competition. The form will be reviewed by the appropriate preceptor and returned within 24 hours with a verdict. If the absence is excused, the athletic training student is responsible for finding a qualified athletic training student replacement and notifying the appropriate preceptor. If an absence is unexcused, the athletic training student will be subject to the disciplinary policy outlined in the Athletic Training Student Handbook.

Athletic Training Student Evaluations
Athletic training students will be evaluated twofold each semester (mid-term and end-of-semester) by their respective preceptor. Self-evaluations will also be completed at this time. The preceptor will also complete individual evaluations in each of the six Clinical Experience courses.

Athletic training students enrolled in ATHT 485-Clinical Internship in Athletic Training, will be evaluated by the Clinical Instructor Supervisor at each site where clinical experience hours are obtained. Likewise, athletic training students will be given the opportunity to evaluate both their preceptor and Clinical Instructor Supervisor. The evaluation process is utilized to assess the progress of each student’s didactic knowledge and application of both educational competencies and clinical proficiencies. The Clinical Education Coordinator of the Athletic Training Program reviews all evaluations with each student and preceptor.

Additional Program Costs:
There are costs associated with being enrolled in the ATP that are in addition to typical university costs such as tuition, room, board, and books. Typical fees associated with the ATP include but are not limited to: lab fees, personal liability insurance, immunization maintenance, apparel to adhere to dress code(s), student membership fees for the National Athletic Trainers Association during sophomore, junior and senior years in the program, and travel to and from off-campus clinical assignments and internships. A specific breakdown of additional program costs can be found on the Division’s homepage.

Professional Organization Membership
Athletic training students are encouraged to enroll in the National Athletic Trainers’ Association (NATA) and the New York State Athletic Trainers’ Association (NYSATA) by the end of the sophomore year. Only students who have been members for at least one year are eligible to be considered for scholarships offered by these organizations. All ATP students are encouraged to join the NATA and NYSATA. Membership applications are available from the Athletic Training Program Director.
Requirements for the Exercise Science minor
The minor provides students with the ability to address the growing concerns of society about injury prevention, wellness, fitness, and rehabilitation. Additionally, it is designed to prepare students to become certified Strength and Conditioning Specialists recognized by the National Strength and Conditioning Association.

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHT 103</td>
<td>Prevention and Care of Athletic Injuries</td>
<td>4</td>
</tr>
<tr>
<td>ATHT 111</td>
<td>Emergency Medicine in Athletic Training</td>
<td>2</td>
</tr>
<tr>
<td>ATHT 190</td>
<td>Principles of Strength and Reconditioning</td>
<td>2</td>
</tr>
<tr>
<td>ATHT 205</td>
<td>Structural Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>ATHT 215</td>
<td>Personal Health and Wellness</td>
<td>2</td>
</tr>
<tr>
<td>ATHT 222</td>
<td>Nutrition for Human Performance and Exercise</td>
<td>2</td>
</tr>
<tr>
<td>ATHT 393</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 207</td>
<td>Introduction to Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 208</td>
<td>Introduction to Anatomy and Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credit Hours 25
List of Approved Courses for General Education Program

These courses have been determined to meet the general education requirements and liberal arts electives requirements for the College of Professional Studies. Please note that some courses may not be offered each semester; the course schedule must be consulted to determine availability of specific courses.

First Year Seminar
ATHT 105, BUSI 105 or EDUC 105

Written Communication
ENGL 101, 102

Quantitative Reasoning
BIOL 226
BUSI 113, 261
ENVS 205
MATH 101, 102, 104, 107, 151
MIS 101,
POLS/SOCI 230
PSYC 220

Humanities
CHIN 101, 102, 201, 202
COMM 205, 404, 405
DANC 211
FREN 101, 102, 201, 202, 210, 301, 302, 310, 311, 312, 313, 316, 360, 410, 420
GRMN 101, 102
ITAL 101, 102
LATN 101, 102
LING 120
MUSC 110, 120, 211, 212, 213, 220
PHIL 101, 201, 281, 282, 283, 303, 309, 311, 312, 321, 340, 341, 382, 383, 388, 400
POLs 340, 341
PSYC 309
RLGS 105, 240, 251, 252, 254, 300, 319, 369
SPAN 101, 102, 201, 202, 210, 301, 311, 312, 315, 316, 360
THEA 110, 205, 210, 211, 212, 220, 311, 312
WMST 211, 254, 256, 308, 324, 374, 382

Natural Sciences
ASTR 103, 107, 302, 303, 304, 307
BIOL 106, 119, 130, 140, 207, 208, 230
CHEM 105, 106, 310, 315, 316, 321, 343, 345, 346, 372, 374, 420, 422, 423, 457, 461
ENVS 101, 105, 120, 351, 415
GEOL 101, 103, 104, 106, 109, 110, 201, 210, 220, 301, 302, 307, 408, 414, 464
GLBS 105
College of Professional Studies

PHYS 111, 112, 125, 126, 325, 326, 341, 401, 402, 421, 423, 424
SCIE 110, 111, 115, 117, 127

Social Sciences
ANTH 110, 302, 303, 304, 305, 309, 312, 320, 495
BIOL 305
CRIM 322, 332, 340, 351
ECON 201, 202, 312, 331, 412, 445, 462
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GERO 118, 429
GLBS 101, 305, 495
POLS 110, 120, 214, 220, 232, 236, 238, 242, 246, 251, 253, 271, 273, 282, 313,
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PSYC 101, 118, 210, 230, 251, 261, 262, 282, 302, 311, 320, 322, 330, 332, 341,
342, 351, 371, 372, 389, 411, 429, 471, 472
SOCI 110, 235, 236, 242, 245, 253, 343, 344, 346, 347, 348, 349, 420, 431, 495
WMST 101, 246, 253, 346, 348, 372, 465