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# **Undergraduate Degree Programs**

# Accounting Bachelor of Science Degree

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## Curriculum and Program Requirements

The accounting curriculum provides an opportunity for students with varied interests to obtain a broad-based understanding of the role of accounting in the measurement and communication of financial and economic data. A number of interdisciplinary courses have been designed for those students wishing a maximum overview of multinational issues in accounting and taxation as well as for those students who intend to pursue more advanced studies in accounting. Accounting students who expect to take the Certified Public Accountant professional examinations should select elective courses with the approval of and in consultation with the Chair of the Accounting Department.

The University Core Curriculum requires passing the mathematics competency exam or taking Mathematics 105. This competency is a prerequisite for CAIS 101. Students anticipating graduate study in Business are advised to take Calculus as a free elective.

Upper Division coursework provides students with a common body of managerial knowledge, multinational business studies, study in a major field, and an internship or business development project. The concentration of professional courses in the last two years builds upon the broad-based analytical tools and liberal arts foundation of the first two years.

Management 350, Business Policy and Strategy, is the Capstone Course of this degree program. The final examination of this course shall constitute, therefore, an outcome assessment of what the student has learned in the program. This examination, normally an extensive and comprehensive case study, will be graded by several faculty members representing different and relevant disciplines.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) acquire the knowledge necessary for an understanding of business data; 2) develop the technical skills necessary to measure, analyze, and interpret economic data; 3) learn how to effectively communicate economic data; and 4) acquire the accounting foundation that enables them to pursue advanced study required for the successful completion of the CPA exam.

### ASSESSMENT

Students are evaluated with exams, homework assignments and oral presentations. Students will be evaluated and benchmarked with a standardized accounting test. This will ensure their preparation for graduate study towards the CPA exam. Students' accounting knowledge and skills also will be tested with a program specific exam when they begin and finish their accounting program.

Students must earn a grade of "C" or higher in each Accounting major course.

## Summary of Requirements

### CREDITS

|                                |            |
|--------------------------------|------------|
| General Education Requirements | 33         |
| Business Program Requirements  | 60         |
| Accounting Electives           | 18         |
| Free Electives                 | 9          |
|                                | <b>120</b> |

### PROGRAM REQUIREMENTS

|          |                                     |           |
|----------|-------------------------------------|-----------|
| ACCT 101 | Principles of Accounting I          | 3         |
| ACCT 102 | Principles of Accounting II         | 3         |
| ACCT 103 | Managerial/Cost Accounting          | 3         |
| ACCT 210 | Financial Accounting Systems        | 3         |
| BLAW 251 | Business Law I                      | 3         |
| BUAD 101 | Introduction to Business            | 3         |
| BUAD 102 | Business Communications             | 3         |
| BUAD 382 | Senior Project/Internship           | 3         |
| CAIS 101 | Statistics                          | 3         |
| CAIS 191 | Computer Concepts                   | 3         |
| CAIS 201 | Introduction to CAIS                | 3         |
| ECON 201 | Principles of Economics - Macro     | 3         |
| ECON 202 | Principles of Economics - Micro     | 3         |
| ENGL 202 | Advanced Composition (for Business) | 3         |
| FIN 209  | Managerial Finance                  | 3         |
| MGMT 200 | Work Force Dynamics                 | 3         |
| MGMT 301 | Operations Management               | 3         |
| MGMT 320 | Business Planning                   | 3         |
| MGMT 350 | Business Policy and Strategy        | 3         |
| MKTG 205 | Principles of Marketing             | 3         |
|          |                                     | <b>60</b> |

Plus eighteen semester hours of accounting electives courses from:

|          |                            |           |
|----------|----------------------------|-----------|
| ACCT 300 | Intermediate Accounting I  | 3         |
| ACCT 301 | Intermediate Accounting II | 3         |
| ACCT 302 | Multicultural Management   | 3         |
| ACCT 311 | Taxation of Individuals    | 3         |
| ACCT 312 | Taxation of Entities       | 3         |
| ACCT 327 | Multinational Accounting   | 3         |
| ACC 335  | Auditing                   | 3         |
|          |                            | <b>18</b> |

### FREE ELECTIVES

May be selected from any University courses with the permission of the advisor.

|                |          |
|----------------|----------|
| Free Electives | 9        |
|                | <b>9</b> |

### GENERAL EDUCATION REQUIREMENTS

|          |                          |           |
|----------|--------------------------|-----------|
| ENG 101  | Composition and Rhetoric | 3         |
| FYS 101  | First Year Seminar       | 3         |
| MATH 105 | Intermediate Algebra     | 3         |
| SCI      | Natural Sciences Core    | 6         |
| HUM      | Humanities Core          | 6         |
| FA       | Fine Arts Core           | 3         |
| CAPS 390 | Capstone Seminar         | 3         |
| SOSC     | Social Sciences Core     | 6         |
|          |                          | <b>33</b> |

Total Semester Hours **120**

## Suggested Program

### FIRST SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| BUAD 101  | Introduction to Business | 3 |
| ENGL 101  | Composition & Rhetoric   | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| FYS 101   | First Year Seminar       | 3 |
|           | Fine Arts                | 3 |

### SECOND SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| ACCT 101 | Principles of Accounting I          | 3 |
| ENGL 202 | Advanced Composition (for Business) | 3 |
| CAIS 191 | Computer Concepts                   | 3 |
| SCI      | Natural Sciences Core               | 3 |
| BUAD 102 | Business Communications             | 3 |

### THIRD SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| MGMT200  | Work Force Dynamics       | 3 |
| ECON 202 | Principles of Econ- Micro | 3 |
| SOSC     | Social Science Core       | 3 |
| SCI      | Natural Science Core      | 3 |
| ACCT 103 | Managerial Accounting     | 3 |

### FOURTH SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| ECON 201 | Principles of Econ - Macro | 3 |
| CAIS 101 | Statistics                 | 3 |
| MKTG 205 | Principles of Marketing    | 3 |
| FIN 209  | Managerial Finance         | 3 |
| SOSC     | Social Science Core        | 3 |

# Accounting *Bachelor of Science Degree*

## **FIFTH SEMESTER**

|          |                        |   |
|----------|------------------------|---|
|          | Major Elective         | 3 |
| MGMT301  | Operations Management  | 3 |
| HUM      | Humanities Core        | 3 |
| ACCT 102 | Principles of Acct II  | 3 |
| ACCT 210 | Financial ACCT Systems | 3 |

## **SIXTH SEMESTER**

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT320  | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

## **SEVENTH SEMESTER**

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

## **EIGHTH SEMESTER**

|          |                              |   |
|----------|------------------------------|---|
| MGMT 350 | Business Policy and Strategy | 3 |
| CAPS 390 | Capstone Seminar             | 3 |
|          | Major Electives              | 6 |
|          | Free Elective                | 3 |

**Total Semester Hours** \_\_\_\_\_ **120**

## **INTERNSHIP/CO-OP**

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# Biology Bachelor of Arts / Bachelor of Science Degree

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## Curriculum and Program Requirements

The Biology Department offers a Bachelor of Arts and a Bachelor of Science degree in Biology. Students are introduced in laboratory training to Molecular Biology, Microbiology, Ecology, Immunology, Toxicology, Analytical Techniques and Tissue Culture. Both degrees prepare students to pursue a traditional graduate biology degree or to successfully enter a graduate school in Biomedical Science, Biotechnology or Allied Health and Health Professions. Biology graduates can enter the work force in government, the pharmaceutical or chemical industry, EPA, FDA, NIH or other research institutions. Students upon successful completion of two semesters in the general biology program may apply to pursue a specific option in biology such as:

### BIOMEDICAL SCIENCE / BIOTECHNOLOGY

Students interested in pursuing a career in Biomedical Science or Biotechnology follow the basic biology curriculum. For their elective courses they should choose from the following: Microbiology (BIOL 320), Human Anatomy and Physiology (BIOL 113, 114), Comparative Anatomy (BIOL 210), Biochemistry (CHEM. 365), Immunology (BIOL 441), Toxicology (BIOL 444), Histology (BIOL 303), Embryology (BIOL 328), and Biostatistics (BIOL 203B). Students should participate in a summer research program for practical experience in their field of study. A research project is required.

### ENVIRONMENTAL BIOLOGY

Students who choose an option in Environmental Biology should take elective courses such as Environmental Health (BIOL 418), Marine Biology (BIOL 380), Microbiology (BIOL 320), Toxicology (BIOL 444), Environmental Geology (GEOL 205), Marine ecology (BIOL 430), Biostatistics (BIOL 203B) and field work. Participation in a summer study program is recommended.

### MARINE BIOLOGY

A marine biology option in the Biology ma-

ior takes advantage of the University's location on Long Island Sound and proximity to several marine research laboratories and teaching institutions. Students electing the marine biology option follow the basic biology curriculum. Elective courses should include marine related courses: e.g. marine ecology, invertebrate zoology, environmental health, microbiology, microbial ecology, fieldwork, and analytical chemistry. Students are strongly encouraged to participate in summer internships and directed research.

### ECOLOGY/EVOLUTION

Students interested in a career in Ecology/Evolution should include courses such as Marine Ecology (BIOL 430), Comparative Anatomy (BIOL 210), Biostatistics (BIOL 203B) and field work. Students should use their independent research course to complete a project for participation at a National Meeting.

### TOXICOLOGY

The Biology Program offers a concentration in General Toxicology/Forensic Toxicology. Interested students should follow the basic biology curriculum and their elective courses should be selected from the following: General Toxicology (BIOL 444), Physical Chemistry (CHEM 319 or 320), Biochemistry (CHEM 365), Instrumental Analysis (CHEM 361), Immunology (BIOL 441), Microbiology (BIOL 320), Environmental Health (BIOL 418) and Biostatistics (BIOL 203B). Students are advised to participate in a summer research program related to their field. A research project is required.

### PRE-HEALTH PROFESSIONAL OPTIONS

The Biology Major offers pre-health professional options in Pre-Medicine, Pre-Dentistry, Pre-Veterinary, Pre-Pharmacy, Pre-Chiropractic, Pre-Naturopathic, Pre-Osteopathic, Pre-Occupational Therapy, Pre-Physician Assistance and Pre-Physical Therapy and Pre-Nutrition.

### BIOLOGY MINOR

Students wishing to obtain a minor in Biology must take Biology 101, 102, 211, 223, and one additional Biology course of at least 3 credits at the 200 level or higher.

### Learning Outcomes

By completing the Biology program, students will:

1. be able to read and interpret current biological literature, formulate scientific hypotheses, design and execute experiments, and analyze and interpret data.
2. have mastered the fundamental principles of cell/molecular /organism biology.
3. have training necessary to apply biological, biomedical and biotechnological principles and techniques to human health and well-being from a holistic/wellness perspective.
4. have awareness and appreciation of interdisciplinary interactions among other disciplines in the natural sciences, mathematics and cognate fields.
5. have awareness to appreciate the beauty, complexity and fragility of our biosphere, and the intricate dynamics of balancing systems within the biosphere.
6. have critical tools to exercise responsibility and stewardship of the biosphere by assuming positions of leadership in our global society.

## BIOLOGY, BACHELOR OF ARTS

The Bachelor of Arts degree in Biology is for students who are seeking a broad liberal arts program. It is designed to allow students to obtain a minor that may be appropriate for their career aspirations.

The Biology Major in cooperation with the School of Education offers a 5-year combined Bachelor of Arts in Biology/Master of Science in Education program for students interested in pursuing a teaching career. Students interested in this program should contact the Chair of Biology.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|          |   |         |
|----------|---|---------|
| BIOL 101 | General Biology I                                   | 4       |
| BIOL 102 | General Biology II                                  | 4       |
| BIOL 211 | General Physiology                                  | 4       |
| BIOL 223 | Ecology   | 4       |
| BIOL 307 | Genetics  | 3       |
| BIOL 321 | Cell Physiology                                     | 3       |
| BIOL 443 | Molecular Biology<br>Biology Electives <sup>2</sup> | 4<br>14 |
| CHEM 205 | Organic Chemistry I                                 | 4       |
| CHEM 206 | Organic Chemistry II                                | 4       |
| PHYS 201 | General Physics I                                   | 4       |
| PHYS 202 | General Physics II                                  | 4       |

# Biology Bachelor of Arts / Bachelor of Science Degree

## GENERAL EDUCATION REQUIREMENTS

|           |                               |   |
|-----------|-------------------------------|---|
| ENGL C101 | Composition & Rhetoric        | 3 |
| MATH 109  | Precalculus                   | 4 |
| HUM       | Humanities Core               | 3 |
|           | Humanities Elective           | 3 |
| FA        | Fine Arts Core                | 3 |
| SOSC      | Social Science Core           | 3 |
|           | Social Science Elective       | 3 |
|           | Foreign Language <sup>1</sup> | 6 |
| CHEM 103  | General Chemistry I           | 4 |
| CHEM 104  | General Chemistry II          | 4 |
| FYS 101   | First Year Seminar            | 3 |
| CAPS C390 | Capstone Seminar              | 3 |

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ELECTIVES \_\_\_\_\_ 22

**Total Semester Hours** \_\_\_\_\_ **120**

## Suggested Program

### FRESHMAN YEAR

|           |                        |   |
|-----------|------------------------|---|
| BIOL 101  | General Biology I      | 4 |
| BIOL 102  | General Biology II     | 4 |
| CHEM 103  | General Chemistry I    | 4 |
| CHEM 104  | General Chemistry II   | 4 |
| ENGL C101 | Composition & Rhetoric | 3 |
| MATH 109  | Precalculus            | 4 |
| FA        | Fine Arts Core         | 3 |
| FYS 101   | First Year Seminar     | 3 |

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### SOPHOMORE YEAR

|          |                               |   |
|----------|-------------------------------|---|
| BIOL 211 | General Physiology            | 4 |
| BIOL 223 | Ecology                       | 4 |
| CHEM 205 | Organic Chemistry I           | 4 |
| CHEM 206 | Organic Chemistry II          | 4 |
| HUM      | Humanities Core               | 3 |
|          | Foreign Language <sup>1</sup> | 6 |
| SOSC     | Social Science Core           | 3 |
|          | Social Science Elective       | 3 |

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### JUNIOR YEAR AND SENIOR YEAR

|          |                                |    |
|----------|--------------------------------|----|
| BIOL 307 | Genetics                       | 3  |
| BIOL 321 | Cell Physiology                | 3  |
| BIOL 443 | Molecular Biology              | 4  |
| BIOL     | Biology Electives <sup>2</sup> | 14 |
|          | Humanities Elective            | 3  |
| CAPS 390 | Capstone Seminar               | 3  |
| PHYS 201 | General Physics I              | 4  |
| PHYS 202 | General Physics II             | 4  |
|          | Electives <sup>3</sup>         | 22 |

**60**

**Total Semester Hours** \_\_\_\_\_ **120**

1. As approved by the Department.
2. Biology and cognate courses at the 200 level or higher.
3. Pre-Health professional students are strongly encouraged to take Bio-113, 114, Human Anatomy and Physiology, and Psych 103, General Psychology.

## BIOLOGY, BACHELOR OF SCIENCE

The Bachelor of Science in Biology is for students who wish to pursue a career that requires further study at the graduate or professional level. Students interested in scientific research or one of the health professions should follow the B.S. degree program.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|          |                                |    |
|----------|--------------------------------|----|
| BIOL 101 | General Biology I              | 4  |
| BIOL 102 | General Biology II             | 4  |
| BIOL 211 | General Physiology             | 4  |
| BIOL 223 | Ecology                        | 4  |
| BIOL 307 | Genetics                       | 3  |
| BIOL 321 | Cell Physiology                | 3  |
| BIOL 443 | Molecular Biology              | 4  |
|          | Biology Electives <sup>1</sup> | 26 |
| CHEM 205 | Organic Chemistry I            | 4  |
| CHEM 206 | Organic Chemistry II           | 4  |
| PHYS 202 | General Physics II             | 4  |

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### GENERAL EDUCATION REQUIREMENTS

|           |                          |   |
|-----------|--------------------------|---|
| ENGL C101 | Composition & Rhetoric   | 3 |
| MATH 112  | Calculus & Anal. Geo. II | 4 |
| HUM       | Humanities Core          | 3 |
|           | Humanities Elective      | 3 |
| FA        | Fine Arts Core           | 3 |
| SOSC      | Social Science Core      | 3 |
|           | Social Science Elective  | 3 |
| CHEM 103  | General Chemistry I      | 4 |
| CHEM 104  | General Chemistry II     | 4 |
| PHYS 201  | General Physics I        | 4 |
| FYS 101   | First Year Seminar       | 3 |
| CAPS C390 | Capstone Seminar         | 3 |

**40**

ELECTIVES<sup>2</sup> \_\_\_\_\_ 16

**Total Semester Hours** \_\_\_\_\_ **120**

## Suggested Program

### FRESHMAN YEAR

|           |                          |   |
|-----------|--------------------------|---|
| BIOL 101  | General Biology I        | 4 |
| BIOL 102  | General Biology II       | 4 |
| CHEM 103  | General Chemistry I      | 4 |
| CHEM 104  | General Chemistry II     | 4 |
| ENGL C101 | Composition & Rhetoric   | 3 |
| MATH 110  | Calculus & Anal. Geo. I  | 4 |
| MATH 112  | Calculus & Anal. Geo. II | 4 |
| FYS 101   | First Year Seminar       | 3 |

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### SOPHOMORE YEAR

|          |                         |   |
|----------|-------------------------|---|
| BIOL 211 | General Physiology      | 4 |
| BIOL 223 | Ecology                 | 4 |
| CHEM 205 | Organic Chemistry I     | 4 |
| CHEM 206 | Organic Chemistry II    | 4 |
| HUM      | Humanities Core         | 3 |
|          | Humanities Elective     | 3 |
| SOSC     | Social Science Core     | 3 |
|          | Social Science Elective | 3 |
| FA       | Fine Arts Core          | 3 |

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### JUNIOR YEAR AND SENIOR YEAR

|          |                                |    |
|----------|--------------------------------|----|
| BIOL 307 | Genetics                       | 3  |
| BIOL 321 | Cell Physiology                | 3  |
| BIOL 443 | Molecular Biology              | 4  |
| BIOL     | Biology Electives <sup>1</sup> | 26 |
| CAPS 390 | Capstone Seminar               | 3  |
| PHYS 201 | General Physics I              | 4  |
| PHYS 202 | General Physics II             | 4  |
|          | Electives <sup>2</sup>         | 12 |

**59**

**Total Semester Hours** \_\_\_\_\_ **120**

1. Biology and cognate courses at the 200 level or higher.
2. Pre-Health professional students are strongly encouraged to take Bio-113, 114, Human Anatomy and Physiology, and Psych 103, General Psychology.

# Business Administration *Associate in Arts Degree*

## Assistant Dean-Student Services:

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## Curriculum and Program Requirements

The Associate in Arts in Business Administration provides options for students who want only two years of college study and students who are not certain about their degree objectives.

This degree program requires that all freshman and sophomore core business courses and business prerequisites, as well as University core requirements, be completed with an average grade of "C" or better.

Two-year business study at the University of Bridgeport provides many advantages not usually available to community college or two-year college students.

All the resources of the university are available to two-year students. This includes planning/placement services and all of the social, sports and extracurricular activities of the campus.

Students receive all the guidance and advising of a small, private two-year college, while completing their studies in the environment of a major university.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) acquire basic general business knowledge; 2) develop practical technical skills necessary for initially pursuing a junior level entry position; 3) learn how to communicate with others in their organization; and 4) understand the role of business in the larger society.

### ASSESSMENT

Students will be evaluated with a program specific exam related to the basic business courses at the beginning and end of their two-years of undergraduate study. Students are evaluated by course level exams, assignments, projects and oral presentations.

## Summary of Requirements

|                                |           |
|--------------------------------|-----------|
| <b>CREDITS</b>                 |           |
| General Education Requirements | 33        |
| Program Requirements           | 27        |
|                                | <b>60</b> |

|                                      |           |
|--------------------------------------|-----------|
| <b>PROGRAM REQUIREMENTS</b>          |           |
| ACCT 101 Principles of Accounting I  | 3         |
| ACCT 102 Principles of Accounting II | 3         |
| CAIS 101 Statistics                  | 3         |
| CAIS 102 Applied Statistics          | 3         |
| CAIS 191 Computer Concepts           | 3         |
| LAW 251 Business Law I               | 3         |
| MGMT302 Multicultural Management     | 3         |
| Free Electives                       | 6         |
|                                      | <b>27</b> |

|  |           |
|--|-----------|
| <b>GENERAL EDUCATION REQUIREMENTS</b>    |           |
| ECON 201 Principles of Economics - Macro | 3         |
| ECON 202 Principles of Economics - Micro | 3         |
| ENGL C101 Composition and Rhetoric       | 3         |
| ENGL 202 Advanced Composition            | 3         |
| FA Fine Arts Core                        | 3         |
| FYS 101 First Year Seminar               | 3         |
| MATH C105 Intermediate Algebra           | 3         |
| SCI Natural Sciences Core                | 6         |
| SOSC Social Sciences Core                | 6         |
|  | <b>33</b> |

**Total Semester Hours** 60

## Suggested Program

|                                     |   |
|-------------------------------------|---|
| <b>FIRST SEMESTER</b>               |   |
| ACCT 101 Principles of Accounting I | 3 |
| CAIS 191 Computer Concepts          | 3 |
| ENGL C101 Composition and Rhetoric  | 3 |
| FYS 101 First Year Seminar          | 3 |
| MATH C105 Intermediate Algebra      | 3 |

|                                      |   |
|--------------------------------------|---|
| <b>SECOND SEMESTER</b>               |   |
| ACCT 102 Principles of Accounting II | 3 |
| CAIS 101 Statistics                  | 3 |
| ENGL 202 Advanced Composition        | 3 |
| SCI Natural Science Core             | 3 |
| Free Elective                        | 3 |

|  |   |
|--|---|
| <b>THIRD SEMESTER</b>                    |   |
| CAIS 102 Applied Statistics              | 3 |
| ECON 201 Principles of Economics - Macro | 3 |
| FA Fine Arts Core                        | 3 |
| LAW 251 Business Law I                   | 3 |
| SOSC Social Sciences Core                | 3 |

|  |   |
|--|---|
| <b>FOURTH SEMESTER</b>                   |   |
| ECON 202 Principles of Economics - Micro | 3 |
| MGMT302 Multicultural Management         | 3 |
| SCI Natural Science Core                 | 3 |
| SOSC Social Science Core                 | 3 |
| Free Elective                            | 3 |

**Total Semester Hours** 60

## INTERNSHIP/CO-OP

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# Business Administration *Bachelor of Science Degree*

## Assistant Dean-Student Services:

Dr. Timothy Raynor  
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## Curriculum and Program Requirements

The Business Administration major provides the maximum flexibility in course selection for a student to fulfill both personal and professional goals. Upon completion of University and College core requirements the student may pursue a myriad of unique combinations of study to satisfy either a general or specific purpose. This includes combining study from two or three of the major disciplines of study within the college including those disciplines not listed in this catalog such as Economics and Management Information Systems, and combinations with other colleges at the University. In all cases the student's study program must be approved by the student's faculty advisor.

Students interested in adding a Teacher Certification to a program in Business Administration can do so. A brief description of the teacher certification requirements appears elsewhere in this catalog under the School of Education section.

The Bachelor of Science degree in Business Administration permits a student, upon completion of the core business requirements and prerequisites applicable to all business degrees, to create a unique combination of courses in business or other academic disciplines.

All business courses listed under other majors as well as courses in other academic disciplines such as political economy, psychology or sociology, may be chosen as elements of this major.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) acquire basic general business knowledge; 2) integrate knowledge across the business disciplines; 3) learn how to communicate with others in their organization; and 4) acquire in-depth knowledge and skills related to a particular discipline and career path.

## ASSESSMENT

Students will be evaluated with a program specific exam related to the basic business courses at the beginning and end of their undergraduate study. Students are evaluated by course level exams, assignments, projects and oral presentations.

## Summary of Requirements

|  |            |
|--|------------|
| <b>CREDITS</b>                               |            |
| General Education Requirements               | 33         |
| Business Administration Program Requirements | 72         |
| Free Electives                               | 15         |
|  | <b>120</b> |

### PROGRAM REQUIREMENTS

|          |                                     |           |
|----------|-------------------------------------|-----------|
| ACCT 101 | Principles of Accounting I          | 3         |
| ACCT 103 | Managerial/Cost Accounting          | 3         |
| BLAW 251 | Business Law I                      | 3         |
| BUAD 101 | Introduction to Business            | 3         |
| BUAD 102 | Business Communications             | 3         |
| BUAD 382 | Senior Project/Internship           | 3         |
| CAIS 101 | Statistics                          | 3         |
| CAIS 191 | Computer Concepts                   | 3         |
| CAIS 201 | Introduction to CAIS                | 3         |
| ECON 201 | Principles of Economics- Macro      | 3         |
| ECON 202 | Principles of Economics - Micro     | 3         |
| ENGL 202 | Advanced Composition (for Business) | 3         |
| FIN 209  | Managerial Finance                  | 3         |
| MGMT 200 | Work Force Dynamics                 | 3         |
| MGMT 301 | Operations Management               | 3         |
| MGMT 320 | Business Planning                   | 3         |
| MGMT 350 | Business Policy and Strategy        | 3         |
| MKTG 205 | Principles of Marketing             | 3         |
|          | Business Electives*                 | 18        |
|          |                                     | <b>72</b> |

### GENERAL EDUCATION REQUIREMENTS

|           |                          |           |
|-----------|--------------------------|-----------|
| ENGL 101  | Composition and Rhetoric | 3         |
| FYS 101   | First Year Seminar       | 3         |
| MATH C105 | Intermediate Algebra     | 3         |
| SCI       | Natural Sciences Core    | 6         |
| HUM       | Humanities Core          | 6         |
| FA        | Fine Arts Core           | 3         |
| CAPS 390  | Capstone Seminar         | 3         |
| SOSC      | Social Sciences Core     | 6         |
|           |                          | <b>33</b> |

### FREE ELECTIVES

May be selected from any University courses with the permission of the advisor.

|                |           |
|----------------|-----------|
| Free Electives | 15        |
|                | <b>15</b> |

**Total Semester Hours** 120

\*The 12 credits (4 courses) of business electives may be selected from Accounting, Economics, Finance, International Business, Management and Industrial Relations, and Marketing.

Students must earn a grade of "C" or higher in each of the four business electives.

Free electives (15 credits) may be selected from any University courses with the permission of the advisor.

\*Specific course requirements are described under each major description or course description section of this catalog.

## Suggested Program

### FIRST SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| BUAD 101  | Introduction to Business | 3 |
| ENGL 101  | Composition & Rhetoric   | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| FYS 101   | First Year Seminar       | 3 |
|           | Fine Arts                | 3 |

### SECOND SEMESTER

|          |  |   |
|----------|--|---|
| ACCT 101 | Principles of Accounting I             | 3 |
| ENGL 202 | Advanced Composition<br>(for Business) | 3 |
| CAIS 191 | Computer Concepts                      | 3 |
| SCI      | Natural Sciences Core                  | 3 |
| BUAD 102 | Business Communications                | 3 |

### THIRD SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| MGMT 200 | Work Force Dynamics             | 3 |
| ECON 202 | Principles of Economics – Micro | 3 |
| SOSC     | Social Science Core             | 3 |
| SCI      | Natural Science Core            | 3 |
| ACCT 103 | Managerial Accounting           | 3 |

### FOURTH SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| ECON 201 | Principles of Economics – Macro | 3 |
| CAIS 101 | Statistics                      | 3 |
| MKTG 205 | Principles of Marketing         | 3 |
| FIN 209  | Managerial Finance              | 3 |
| SOSC     | Social Science Core             | 3 |

### FIFTH SEMESTER

|          |                       |   |
|----------|-----------------------|---|
|          | Major Elective        | 3 |
| MGMT 301 | Operations Management | 3 |
| HUM      | Humanities Core       | 3 |
|          | Free Elective         | 6 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT 320 | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

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# Business Administration *Bachelor of Science Degree*

## **SEVENTH SEMESTER**

---

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

## **EIGHTH SEMESTER**

---

|          |                              |   |
|----------|------------------------------|---|
| MGMT 350 | Business Policy and Strategy | 3 |
| CAPS 390 | Capstone Seminar             | 3 |
|          | Major Electives              | 6 |
|          | Free Elective                | 3 |

**Total Semester Hours** \_\_\_\_\_ **120**

## **INTERNSHIP/CO-OP**

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.



# Computer Engineering *Bachelor of Science Degree*

*Chair:* Ausif Mahmood  
Engineering Technology Building  
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E-mail: mahmood@bridgeport.edu

## Curriculum and Program Requirements

The ever increasing use of the computer in today's world offers expanding opportunities in this field of specialization. This program provides a bridge between the disciplines of electrical engineering and computer science. Graduates can enter such fields as chip design, software engineering, robotics, and a variety of computer-controlled applications. This requires the development of the engineering approach through the understanding of engineering mathematics, digital and analog electronics and control, as well as computer languages, computing theory and computer architecture. Design and problem solving form the heart of the discipline and a variety of computer aided design (CAD) tools are utilized to facilitate learning and implementation.

The graduate from this program will obtain the basic education in the first three years. The final year is utilized to explore specific areas of interest. One can choose a software oriented program including such areas as artificial intelligence, knowledge based systems and software design or a hardware oriented program pointing toward computer or integrated circuit design, robotics and networking.

The engineering approach and knowledge of computer structure are the attributes that make it unique. This program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. A total of 132 semester hours are required for graduation.

### TRANSFER POLICY

All undergraduate ABET accredited programs students must complete all Engineering major coursework, Engineering and Technical Electives, and STEM coursework at the 300+ level; and Junior/Senior level (as per the program requirements) at the University of Bridgeport.

Students are able to transfer classes, if approved by the chair and dean, outside the University at lower (100-200) levels or Freshman/Sophomore level (as per the program

requirements) only at the time of transferring into the program; and based on UB's transfer policy as pertains to evaluation of course descriptions, syllabi and examples of work done in transferred-in classes.

### COURSE SUBSTITUTION POLICY

All undergraduate ABET accredited programs students must complete all Engineering major coursework, Engineering and Technical Electives, and STEM coursework at the 300+ level; and Junior/Senior level (as per the program requirements) at the University of Bridgeport; and as per defined in the program requirements. There will be NO course substitutions allowed for these classes as defined in the program requirements.

Substitution courses may be allowed at lower (100-200) levels or Freshman/Sophomore level (as per the program requirements) with the approval of the Department Chair and School Dean.

### Program Objectives

Our Computer Engineering Graduates will:

- Be proficient in defining and solving engineering problems.
- Achieve expertise at developing engineering systems.
- Be effective communicators and team players.
- Appreciate diversity of opinion, understand ethical issues and demonstrate a commitment towards profession.
- Be prepared for lifelong careers and professional growth.

### Learning Outcomes

Our Computer Engineering Students will:

1. Demonstrate comprehension of math, science, and basic computer engineering topics.
2. Comprehend the design of computer architectures; and integrated systems having major hardware and software components.
3. Exhibit problem solving skills.
4. Have the ability to use techniques, skills, and modern engineering tools necessary for engineering practice.
5. Work effectively on teams.
6. Demonstrate the ability to identify and

apply concepts of engineering economics and project planning.

7. Demonstrate knowledge of contemporary global and societal issues and their relationship to professional ethics and engineering solutions.
8. Demonstrate the ability to plan and conduct laboratory experiments and interpret and report the results.
9. Exercise strong oral and written communication skills including those needed for technical writing.
10. Have an awareness of the need for and demonstrate the ability to keep learning throughout life along with an appreciation of diversity in the world and in intellectual areas.

## Summary of Requirements

### ENGINEERING CORE REQUIREMENTS

|               |   |   |
|---------------|---|---|
| CHEM 103      | General Chemistry I                     | 4 |
| CPEG 210      | Digital System Design I                 | 3 |
| CPEG 286      | Microprocessor System Design            | 3 |
| CPSC 101/101a | Introduction to Computing I             | 4 |
| ELEG 233/235  | Electrical Engineering I w/lab          | 4 |
| ENGR 111      | Introduction to Engineering I           | 3 |
| ENGR 300      | Econ. and Management of<br>Engr Project | 3 |
| MATH 215      | Calculus III                            | 4 |
| MATH 301      | Differential Equations                  | 3 |
| MATH 323      | Probability and Statistics              | 3 |
| MEEG 223      | Materials Science for Engineers         | 3 |

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### PROGRAM REQUIREMENTS

|               |  |   |
|---------------|--|---|
| CPEG 312      | Computer Organization  | 3 |
| CPEG 315      | Digital Systems Design II w/lab                                  | 4 |
| CPEG 387      | Embedded System Design   | 3 |
| CPEG 308      | Operating Systems  | 3 |
| CPEG 347/348  | Logic Synthesis/VLSI Design                                      | 3 |
| CPEG 349 A, B | CPEG Senior Design Project                                       | 4 |
| CPEG 389      | Software Engineering   | 3 |
| CPSC 102/102a | Introduction to Computing II<br>(Data Structures and Algorithms) | 4 |
| CPSC 227      | Discrete Structures  | 3 |
| ELEG 234/236  | Network Analysis II w/Lab  | 3 |
| ELEG 348      | Electronics I  | 3 |
| ELEG 317      | Intro to Control Systems   | 3 |
| ELEG 333      | Signals and Systems  | 3 |
| ENGL 204      | Technical Writing for CPEG                                       | 1 |
| MATH 214/314  | Linear Algebra/Numerical Analysis                                | 3 |
|               | Technical Elective   | 6 |
|               | Free Elective  | 3 |

**55**

# Computer Engineering *Bachelor of Science Degree*

## GENERAL EDUCATION REQUIREMENTS

|              |                             |   |
|--------------|-----------------------------|---|
| ENGL C101    | Composition & Rhetoric      | 3 |
| MATH 110     | Calculus I                  | 4 |
| MATH 112     | Calculus II                 | 4 |
| PHYS 111/112 | Principles of Physics I, II | 8 |
| HUM          | Humanities Core             | 6 |
| SOSC         | Social Sciences Core        | 6 |
| INTST C101B  | Computer Ethics             | 3 |
| FA           | Fine Arts Core              | 3 |
| CAPS C390    | Capstone Seminar            | 3 |

**40**

**Total Semester Hour 132**

## Suggested Program

### FIRST SEMESTER

|               |                               |   |
|---------------|-------------------------------|---|
| ENGL C101     | Composition & Rhetoric        | 3 |
| MATH 110      | Calculus I                    | 4 |
| PHYS 111      | Principles of Physics I       | 4 |
| CPSC 101/101a | Introduction to Computing I   | 4 |
| ENGR 111      | Introduction to Engineering I | 3 |

### SECOND SEMESTER

|               |  |   |
|---------------|--|---|
| INTST C101B   | Computer Ethics  | 3 |
| MATH 112      | Calculus II  | 4 |
| CPSC 102/102a | Intro. to Computing II<br>(Data Structures & Algorithms) | 4 |
| CPSC 227      | Discrete Structures                                      | 3 |
| PHYS 112      | Principles of Physics II                                 | 4 |

### THIRD SEMESTER

|              |                                |   |
|--------------|--------------------------------|---|
| MATH 215     | Calculus III                   | 4 |
| ELEG 233/235 | Electrical Engineering I w/lab | 4 |
| CPEG 210     | Digital System Design I        | 3 |
| HUM          | Humanities Core                | 3 |
| CHEM 103     | General Chemistry I            | 4 |

### FOURTH SEMESTER

|              |                                |   |
|--------------|--------------------------------|---|
| MATH 301     | Differential Equations         | 3 |
| MEEG 223     | Material Science for Engineers | 3 |
| ELEG 234/236 | Network Analysis II w/Lab      | 3 |
| HUM          | Humanities Core                | 3 |
| CPEG 286     | Microprocessor System Design   | 3 |
| ENGL 204     | Technical Writing for CPEG     | 1 |

### FIFTH SEMESTER

|          |                                    |   |
|----------|------------------------------------|---|
| ENGR 300 | Econ. and Management of Engr Proj. | 3 |
| MATH 323 | Probability and Statistics         | 3 |
| ELEG 317 | Intro to Controls Systems          | 3 |
| SOSC     | Social Sciences Core               | 3 |
| CPEG 315 | Digital Design II w/lab            | 4 |
| CPEG 387 | Embedded System Design             | 3 |

### SIXTH SEMESTER

|              |                                   |   |
|--------------|-----------------------------------|---|
| CPEG 312     | Computer Organization             | 3 |
| MATH 214/314 | Linear Algebra/Numerical Analysis | 3 |
| ELEG 348     | Electronics I                     | 3 |
| FA           | Fine Arts Core                    | 3 |
| SOSC         | Social Science Core               | 3 |

## SEVENTH SEMESTER

|              |                             |   |
|--------------|-----------------------------|---|
| CPEG 349A    | CPEG Senior Design Project  | 1 |
| ELEG 333     | Signals and Systems         | 3 |
| CPEG 389     | Software Engineering        | 3 |
|              | Technical Electives         | 3 |
| CPEG 347/348 | Logic Synthesis/VLSI Design | 3 |

## EIGHTH SEMESTER

|           |                            |   |
|-----------|----------------------------|---|
| CPEG 349B | CPEG Senior Design Project | 3 |
| CAPS C390 | Capstone Seminar           | 3 |
| CPEG 308  | Operating Systems          | 3 |
|           | Technical Electives        | 3 |
|           | Free Elective              | 3 |

\*Technical Elective – This elective must be chosen from any senior level/graduate level course in CPEG /CPSC/ELEG like CPEG 371, CPEG 410, CPEG 415, CPEG 460, CPEG 472, CPEG 473, CPEG 540, CPSC 400, CPSC 440, ELEG 451, ELEG 458

# Computer Science Bachelor of Science Degree

*Chair:* Ausif Mahmood  
 Engineering Technology Building  
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## Curriculum and Program Requirements

Today, computing is an enormously vibrant field. From its inception just half a century ago, computing has become the defining technology of our age. Computers are integral to modern culture and are the primary engine behind much of the world's economic growth. The field, moreover, continues to evolve at an astonishing pace. New technologies are introduced continually, and existing ones become obsolete in the space of a few years. The rapid evolution of the discipline has a profound effect on computing education, affecting both content and pedagogy.

Computer science core courses provide basic coverage of algorithms, data structures, software design, concepts of programming languages, and computer organization and architecture. Theoretical foundations, problem analysis, and solution design are stressed within the program's core materials. Students are exposed to a variety of programming languages and systems and become proficient in more than one higher-level language. A total of 130 semester hours is required for graduation.

## Program Objectives

Our Computer Science Students will:

- Be proficient in defining and solving problems appropriate to computer science.
- Achieve expertise at developing software systems.
- Be effective communicators and team players.
- Appreciate diversity of opinion, understand ethical issues and demonstrate a commitment towards profession. Be prepared for lifelong careers and professional growth.

## Learning Outcomes

Our Computer Science Students will:

1. Demonstrate comprehension of math, science, and basic computer science topics.

2. Have the ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems.
3. Exhibit problem solving skills.
4. Have the ability to use techniques, skills, and modern software tools necessary for professional practice.
5. Work effectively in teams.
6. Demonstrate the ability to identify and apply concepts of engineering economics and project planning.
7. Demonstrate knowledge of contemporary global and societal issues and their relationship to professional ethics and engineering solutions.
8. Demonstrate the ability to plan and conduct laboratory experiments and interpret and report the results.
9. Exercise strong oral and written communication skills including those needed for technical writing.
10. Have an awareness of the need for and demonstrate the ability to keep learning throughout life along with an appreciation of diversity in the world and in intellectual areas.

## Summary of Requirements

### MATHEMATICS REQUIREMENTS

|              |                            |           |
|--------------|----------------------------|-----------|
| MATH 110/112 | Calculus I & II            | 8         |
| MATH 215     | Calculus III               | 4         |
| MATH 323     | Probability and Statistics | 3         |
| MATH 214,    | Math Elective              | 3         |
| MATH 314 or  |                            |           |
| CPSC 340     | Science Elective           | 4         |
|              |                            | <b>22</b> |

### GENERAL EDUCATION REQUIREMENTS

|               |  |           |
|---------------|--|-----------|
| ENGL C101     | Composition & Rhetoric I               | 3         |
| FA            | Fine Arts Core                         | 3         |
| PHYS 111, 112 | Principles of Physics I, II            | 8         |
| INTST C101B   | Computer Ethics                        | 3         |
| ENGL 204      | Technical Writing for Computer Science | 1         |
| HUM           | Humanities Core                        | 6         |
| SOSC          | Social Science Core                    | 6         |
| CAPS C390     | Capstone Seminar                       | 3         |
|               | Humanities Electives (2)               | 6         |
|               |  | <b>39</b> |

### CORE REQUIREMENTS

|               |   |   |
|---------------|---|---|
| CPSC 101/101a | Introduction to Computing I                   | 4 |
| CPSC 102/102a | Introduction to Computer II (Data Structures) | 4 |
| CPSC 201      | Advanced Data & File Structures               | 3 |
| CPSC 203      | 2nd Programming Language                      | 3 |
| CPSC 227      | Discrete Structures                           | 3 |
| CPEG 210      | Digital System Design I                       | 3 |
| CPEG 286      | Microprocessor System Design                  | 3 |
| CPSC 300      | Economics & Management of Computing Projects  | 3 |
| CPSC 301      | Programming Languages                         | 3 |
| CPSC 329      | Fundamentals of Algorithms                    | 3 |
| CPSC 311      | Computer Architecture                         | 3 |
| CPEG 408      | Operating Systems                             | 3 |
| CPSC 449      | Senior Design Project                         | 4 |
| CPSC 450      | Database Design                               | 3 |
| CPEG 471      | Data and Computer Communications              | 3 |
| CPSC 489      | Software Engineering                          | 3 |
|               | CPSC Elective (3)                             | 9 |
|               | Technical Elective (2)                        | 6 |
|               | Free Elective                                 | 3 |

**69**

**Total Semester Hours 130**

## Suggested Program

### FIRST SEMESTER

|               |                          |   |
|---------------|--------------------------|---|
| ENGL C101     | Composition & Rhetoric I | 3 |
| MATH 110      | Calculus I               | 4 |
| CPSC 101/101a | Int. to Computing I      | 4 |
| PHYS 111      | Principles of Physics I  | 4 |

### SECOND SEMESTER

|               |  |   |
|---------------|--|---|
| MATH 112      | Calculus II                                    | 4 |
| PHYS 112      | Principles of Physics II                       | 4 |
| CPSC 102/102a | Introduction to Computing II (Data Structures) | 4 |
| INTST C101B   | Computer Ethics                                | 3 |

### THIRD SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| CPSC 227 | Discrete Structures             | 3 |
| MATH 215 | Calculus III                    | 4 |
|          | PHYS/CHEM/BIOLOGICAL            | 4 |
| HUM      | Humanities Core                 | 3 |
| CPSC 201 | Advanced Data & File Structures | 3 |

### FOURTH SEMESTER

|          |  |   |
|----------|--|---|
| MATH     | Math Elective(214/314/340)               | 3 |
| CPSC 203 | 2nd Language                             | 3 |
| ENGL 204 | Technical Writing For Computer Science I | 1 |
| FA       | Fine Arts Core                           | 3 |
| HUM      | Humanities Core                          | 3 |
| CPEG 210 | Digital System Design I                  | 3 |

# Computer Science *Bachelor of Science Degree*

## FIFTH SEMESTER

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|          |  |   |
|----------|--|---|
| CPSC 300 | Economics & Management of Computing Projects | 3 |
| MATH 323 | Probability and Statistics                   | 3 |
| CPSC 301 | Programming Languages                        | 3 |
| SOSC     | Social Science Core                          | 3 |
| CPSC 329 | Fundamentals of Algorithms                   | 3 |
| CPEG 286 | Microprocessor System Design                 | 3 |

## SIXTH SEMESTER

---

|          |                       |   |
|----------|-----------------------|---|
| CPEG 408 | Operating Systems     | 3 |
|          | Humanities Elective I | 3 |
| CPSC     | Elective I            | 3 |
| SOSC     | Social Science Core   | 3 |
| CPSC 311 | Computer Architecture | 3 |
|          | Technical Elective I  | 3 |

## SEVENTH SEMESTER

---

|           |                                  |   |
|-----------|----------------------------------|---|
| CPSC 450  | Database Design                  | 3 |
| CPEG 489  | Software Engineering             | 3 |
| CPEG 471  | Data and Computer Communications | 3 |
|           | CPSC Elective II                 | 3 |
|           | Technical Elective II            | 3 |
| CPSC 449A | Senior Design Project            | 1 |

## EIGHTH SEMESTER

---

|           |                        |   |
|-----------|------------------------|---|
| CAPS C390 | Capstone Seminar       | 3 |
|           | Free Elective          | 3 |
|           | CPSC Elective III      | 3 |
|           | Humanities Elective II | 3 |
| CPSC 449B | Senior Design Project  | 3 |

**Total Semester Hours** \_\_\_\_\_ **130**

# Criminal Justice and Human Security Bachelor of Arts Degree

Chair: William Lay  
 Carlson Hall, Room 227  
 Telephone: (203) 576-4202/4966  
 Fax: (203) 576-4967  
 E-mail: wlay@bridgeport.edu

## Curriculum and Program Requirements

The College of Public and International Affairs' B.A. in Criminal Justice and Human Security degree allows students interested in pursuing a career in criminal justice to develop expertise in the international dimensions of public safety. Students in the degree may choose from one of three areas of concentration:

- Human Security
- Comparative Justice
- Criminology

The degree requires two years of college-level study of a foreign language or demonstrated working competency in a foreign language. In addition to Spanish and French, students have the option of choosing from Arabic, Chinese, Japanese, Korean and Russian.

Interested students also have the option of earning a Master's degree in Business Administration or in Global Development and Peace by completing a fifth year of study beyond the normal years.

UB Criminal Justice track students are also encouraged to take courses in Martial Arts.

Internships with law enforcement agencies are also available.

## Learning Outcomes

The B.A. in Criminal Justice & Human Security have the following learning outcomes:

1. The B.A. in Criminal Justice & Human Security have the following learning outcomes:
2. Students will demonstrate the progressive acquisition of the oral, written critical thinking skills needed to succeed in graduate level study as well as the required skills for careers in domestic and international security.
3. Students will be able to identify the essential elements of criminal justice.
4. Students will be able to articulate the importance of Human Security and ex-

plore its impact on domestic and international security.

5. Students will demonstrate the language skills and intercultural understanding required for effective law enforcement in today's globalized society.
6. Students will be able to describe the role played by religious, ideological, and cultural views; ethnic and tribal identities; and economic status in rationalizing criminal behavior.
7. Students will demonstrate an understanding of the role played in criminal behavior by socioeconomic inequities and societal injustice, resulting from domestic and non-domestic events.
8. Students will be able to comment on the role played by non-state actors in areas such as the identification of norms, the acceptability of violence and terrorism in promoting policy changes and in preventing crime.

The Criminal Justice and Human Security program requires 39 semester credit hours including 18 credit hours in the program core, 15 credit hours in one of the concentrations, and an additional 6 credit hours in a diversity requirement (one course from each of the other two concentrations). The program will require students to show modern language competency in Arabic, Chinese, Korean, Japanese, Russian, French or Spanish through the intermediate level (four semesters). Students are required to complete 120 credit hours to graduate.

## Summary of Requirements

### Program Core Courses (required)

| REQUIREMENTS |                                  |           |
|--------------|----------------------------------|-----------|
| CJHS/SOC 118 | Introduction to Criminal Justice | 3         |
| CJHS 218     | Human Security                   | 3         |
| SOC 315      | Criminology                      | 3         |
| SOSC 300     | Research Methods                 | 3         |
| CJHS 395     | Senior Thesis*                   | 3         |
| CJHS 398     | Internship*                      | 3         |
|              |                                  | <b>18</b> |

**One of the three concentrations is required, plus an additional course from each of the other two concentrations.**

### Human Security Concentration

|                                     |                                |   |
|-------------------------------------|--------------------------------|---|
| PSCI 204                            | Government and Politics Abroad | 3 |
| PSCI 209                            | UN Studies                     | 3 |
| PSCI 207                            | World Politics                 | 3 |
| CJHS/PSCI 215                       | International Human Rights     | 3 |
| PSCI 371                            | Terrorism                      | 3 |
| SOC 355                             | Globalization                  | 3 |
| WREL 375                            | Religion and Genocide          | 3 |
| (other courses with Chair approval) |                                |   |

### Comparative Justice Concentration

|                                     |                          |   |
|-------------------------------------|--------------------------|---|
| PSCI 101                            | American Government      | 3 |
| CJHS 205                            | Law and Economics        | 3 |
| PSCI 233                            | Intro to US Legal System | 3 |
| CJHS 343                            | Constitutional Law       | 3 |
| CJHSH 350                           | Legal Advocacy           | 3 |
| CJHS 372                            | Transnational Crime      | 3 |
| (other courses with Chair approval) |                          |   |

### Criminology Concentration

|                                     |                             |   |
|-------------------------------------|-----------------------------|---|
| SOC 270                             | Sociology of Deviance       | 3 |
| SOC 310                             | Race, Class and Gender      | 3 |
| SOC 311                             | Juvenile Delinquency        | 3 |
| SOC 355                             | Globalization               | 3 |
| CJHS 271                            | Law Enforcement and Society | 3 |
| CJHS 312                            | Victimology                 | 3 |
| (other courses with Chair approval) |                             |   |

*\* Subject to approval of the Department Chair, a student may choose an additional CJHS elective in lieu of the thesis*

Internships can be arranged through the Chair of Criminal Justice and Human Security or through the Office of the Dean of the College of Public and International Affairs.

### MINOR IN CRIMINAL JUSTICE

|                              |                           |           |
|------------------------------|---------------------------|-----------|
| CJHS/SOC 118                 | Intro to Criminal Justice | 3         |
| CJHS 218                     | Human Security            | 3         |
| Four additional CJHS courses |                           | 12        |
|                              |                           | <b>18</b> |

### Concentration on Pre-Law

|              |                           |           |
|--------------|---------------------------|-----------|
| CJHS/SOC 118 | Intro to Criminal Justice | 3         |
| PSCI 101     | American Government       | 3         |
| PSCO 233     | Intro to US Legal System  | 3         |
| PSCI 343     | Constitutional Law        | 3         |
| CJHS 398     | Law Internship            | 3         |
|              |                           | <b>15</b> |

# Dental Hygiene Associate in Science Degree

Dean: Dr. Marcia Lorentzen  
Health Sciences Center, Room 411  
Telephone: (203) 576-4138  
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E-mail: marcial@bridgeport.edu

## Curriculum and Program Requirements

As licensed professional oral health clinicians and educators, dental hygienists practice as members of the dental team, using knowledge of biomedical, dental, clinical, and social sciences to assist individuals and groups in achieving and maintaining optimum oral health. The hygienist provides preventive services, preliminary examinations, radiographs, sealants, non-surgical periodontal therapy, fluoride treatments, Local anesthesia and patient education. As a specialist, the dental hygienist is an integral co-therapist in helping consumers prevent oral disease, arrest existing periodontal (gum) disease, and maintain oral health.

The curriculum of the Fones School of Dental Hygiene provides a broad educational preparation program with a combination of general education and dental hygiene courses. In addition to basic and dental science theory, the program provides education in prevention service and dental health education. Students enter the two-year clinical program following pre-requisites completed through a pre-dental hygiene year or as transfer students into the University.

Dental Hygiene clinic instruments and supplies are issued through the Fones School. These items are distributed throughout the clinical phase of the curriculum, the costs of which are included within the Dental Hygiene special fees.

During the second clinical year, the students receive skills-based education, not only at the Fones Dental Hygiene Health Center on campus, but also through assignments at clinical and educational facilities of school dental health programs, hospitals and community agencies. These assignments are directly supervised by Fones faculty. Students are responsible for providing their own transportation to community agencies.

All courses listed in the dental hygiene curriculum program for the Associate and/or Bachelor of Science degree are required for graduation. The Dental Hygiene student must earn a grade of "C" in all major courses. A student that earns a grade of C- or below

in a course in the major field, must obtain a written statement from the School Dean specifying the procedure necessary to remedy the deficiency and remain in the major.

Enrollment in the second year is contingent on completing all first year requirements and achieving a cumulative QPR of 2.0

Qualifications and procedures required of applicants to the Fones School are the same as those described in the chapter on Admissions. Dental Hygiene clinical courses begin in the fall term and the Associate's degree curriculum is open only to full-time Dental Hygiene students. Clinical students are required to submit a physical, dental, visual acuity report and current cardiopulmonary resuscitation/recognition certification on an annual basis. Student must also submit evidence of Hepatitis B vaccine series seroconversion and PPD tuberculin test. All admitted students are subject to a background check. This procedure will be conducted by the outside agency Verified Credentials, Inc. All information is maintained confidentially.

## Learning Outcomes

Through completion of the entry-level dental hygiene curriculum students will achieve the following outcomes:

- Characterize professionalism and responsibility in all health promotion and disease prevention activities.
- Apply a professional code of ethics while adhering to appropriate legal and regulatory measures when providing oral health services.
- Utilize critical thinking, problem solving, and evidence-based decision making in the dental hygiene process of care.
- Provide the dental hygiene process of care (assessment, dental hygiene diagnosis, planning, implementation, evaluation, documentation) for patients/clients in all settings.
- Communicate effectively with and deliver culturally competent, inter-professional health care to individuals and groups from diverse populations.
- Demonstrate the knowledge necessary to assess, plan, implement and evaluate community-based oral health programs.
- Continually perform self-assessment to maintain professional standards and encourage life-long learning.
- Value the need for personal and profes-

sional growth through participation in professional activities and associations.

- Understand and master the competencies of Dental Hygiene Professional Practice.

Students will demonstrate professionalism, ethical behavior, evidenced-based decision making, competent client care, health promotion, and disease prevention. A set of competencies has been developed to verify ability to perform total client care and develop professionally. Students must demonstrate successful completion of these competencies in order to graduate. Completion of competencies confirm that the student has the ability to safely provide dental hygiene care at an entry level, or what is minimally expected in performance as a new graduate. As a licensed professional who continues in his/her career, experience and continued learning leads one in becoming proficient, or eventually, even an expert in the delivery of care. The Fones School of Dental Hygiene Competencies are posted on the University Website.

Students learn the skills and knowledge necessary to function effectively as an integral member of the dental health team. The program utilizes the facilities of the University of Bridgeport Health Clinics Fones School of Dental Hygiene Health Center, area hospitals, and community health clinics. Specialized course work must be taken in the outlined sequence. DHYG designated courses are open to admitted dental hygiene students only. A minimum grade of C or better (74 or above) is required in ALL dental hygiene courses.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|          |                                       |   |
|----------|---------------------------------------|---|
| DHYG 123 | Oral Anatomy and Embryology           | 4 |
| DHYG 124 | Dental Radiology                      | 3 |
| DHYG 127 | Pharmacology for the Dental Hygienist | 3 |
| DHYG 129 | Clinical Practice I                   | 4 |
| DHYG 130 | Clinical Practice II                  | 4 |
| DHYG 140 | Introduction to Periodontology        | 2 |
| DHYG 227 | Clinical Practice III                 | 5 |
| DHYG 228 | Clinical Practice IV                  | 5 |
| DHYG 230 | Local Anesthesia                      | 1 |
| DHYG 232 | Dental Public Health                  | 4 |
| DHYG 233 | Oral and General Histo-Pathology      | 3 |
| DHYG 241 | Periodontology                        | 2 |
| DHYG 250 | Dental Materials                      | 3 |
| DHYG 204 | Nutritional Biochemistry              | 3 |

# Dental Hygiene *Associate in Science Degree*

## GENERAL EDUCATION REQUIREMENTS

|              |                             |   |
|--------------|-----------------------------|---|
| BIOL 106     | Elementary Microbiology     | 4 |
| BIOL 113-114 | Anatomy and Physiology I/II | 8 |
| ENGL C101    | Composition & Rhetoric      | 3 |
| FYS 101      | First Year Seminar          | 3 |
| MATH C105    | Intermediate Algebra        | 3 |
| SOSC         | Social Sciences Core        | 3 |
| SOC 101      | Principles of Sociology     | 3 |

**27**

**Total Semester Hours 73**

## Program Prerequisites

|              |                                |   |
|--------------|--------------------------------|---|
| CHEM 113     | Intro Chem w/lab or equivalent | 4 |
| BIOL 113-114 | Anatomy and Physiology I/II    | 8 |
| ENGL C101    | Composition & Rhetoric         | 3 |
| MATH C105    | Intermediate Algebra           | 3 |

## Suggested Program

### FIRST SEMESTER

|          |                             |   |
|----------|-----------------------------|---|
| DHYG 123 | Oral Anatomy and Embryology | 4 |
| DHYG 124 | Radiology                   | 3 |
| DHYG 129 | Clinical Practice           | 4 |
| BIOL 106 | Elementary Microbiology     | 4 |

### SECOND SEMESTER

|          |                                       |   |
|----------|---------------------------------------|---|
| DHYG 127 | Pharmacology for the Dental Hygienist | 3 |
| DHYG 130 | Clinical Practice II                  | 4 |
| DHYG 140 | Introduction to Periodontology        | 2 |
| DHYG 204 | Nutritional Biochemistry              | 3 |
|          | Comm, Hum, SocSc, FAC                 | 3 |

### THIRD SEMESTER

|          |                                  |   |
|----------|----------------------------------|---|
| DHYG 227 | Clinical Practice III            | 5 |
| DHYG 230 | Local Anesthesia                 | 1 |
| DHYG 233 | Oral and General Histo-Pathology | 3 |
| DHYG 241 | Periodontology                   | 2 |
| DHYG 250 | Dental Materials                 | 3 |

### FOURTH SEMESTER

|          |                         |   |
|----------|-------------------------|---|
| DHYG 228 | Clinical Practice IV    | 5 |
| DHYG 232 | Dental Public Health    | 4 |
| SOC 101  | Principles of Sociology | 3 |

**Total Semester Hours 73**

giene education and research. In addition, the dental hygiene program provides instruction in advanced procedures to broaden capabilities for clinical practice.

## FONES DENTAL HEALTH CLINIC SERVICES

Preventive and therapeutic oral health services are provided by students in the dental health clinic. Services for the public include oral prophylaxis, x-rays, non-surgical treatment of periodontal (gum) disease, fluoride treatments, sealants and patient education in the care of the mouth. Individuals desiring information should inquire about the availability of services with the dental hygiene clinic receptionist at (203) 576-4137.

## EMPLOYMENT OPPORTUNITIES

Upon completion of the dental hygiene curriculum, graduates are eligible to take the Dental Hygiene National Board Examination and licensure exams in every state, the District of Columbia, Puerto Rico, Canada and abroad. Graduates are eligible for positions in private dental offices, public health programs, school health programs, dental hy-

# Dental Hygiene Bachelor of Science Degree

Dean: Marcia Lorentzen  
 Health Sciences Center, Room 413  
 Telephone: (203) 576-4138  
 Fax: (203) 576-4220  
 E-mail: marcia@bridgeport.edu

## Curriculum and Program Requirements

Students in the Bachelor of Science Degree (B.S.) may integrate bachelor's courses with the clinical aspect of the Dental Hygiene curriculum or pursue a baccalaureate degree (B.S.) after completing clinical preparation at the Associate of Science/Certificate Level. This baccalaureate degree completion approach is available to Fones' students as well as graduates of other Dental Hygiene programs accredited by the American Dental Association Commission on Dental Accreditation.

Education at the baccalaureate level enhances the dental hygienist' opportunities, abilities, background and values. The professional dental hygiene curriculum is combined with a liberal arts education, and is designed to foster student growth, promote development of critical and ethical judgment, and encourage life-long learning. Upon satisfactory completion of semester hours in the areas of study specified, the student will be recommended for the degree of Bachelor of Science in Dental Hygiene.

## General Education Track

This program option has been developed for those students who have semester hours beyond the Associate's degree and are interested in a broad general education. Students have the opportunity to shape their own curriculum to meet personal career goals. The outcome of this planning process is an individualized program that enables the dental hygienist to gain desired knowledge and skills and directly transfer this expertise to a professional work setting. Students may identify a minor in such areas as human services, marketing and biology to name a few.

## Learning Outcomes

In addition to the learning outcomes of the entry-level dental hygiene curriculum, through completion of the Bachelor of Science Degree in dental hygiene, students will achieve the following outcomes:

- Communicate effectively through written, oral, and electronic means
- Apply scientific inquiry to foster critical

thinking and reflective reasoning in all initiatives

- Participate in domestic and global collaborative efforts that allow for expanded and/or alternative career opportunities
- Develop, lead, and manage programs and strategies responsive to the diverse cultural and ethnic values and traditions of the communities served
- Instill the desire to pursue graduate level education

## Summary of Requirements

### PROGRAM REQUIREMENTS

|           |  |           |
|-----------|--|-----------|
| DHYG 123  | Oral Anatomy and Embryology                          | 4         |
| DHYG 124  | Dental Radiology                                     | 3         |
| DHYG 127  | Pharmacology for the Dental Hygienist                | 2         |
| DHYG 129  | Clinical Practice I                                  | 4         |
| DHYG 130  | Clinical Practice II                                 | 4         |
| DHYG 140  | Introduction to Periodontology                       | 1         |
| DHYG 227  | Clinical Practice III                                | 5         |
| DHYG 228  | Clinical Practice IV                                 | 5         |
| DHYG 230  | Local Anesthesia                                     | 1         |
| DHYG 232  | Dental Public Health                                 | 4         |
| DHYG 233  | Oral and General Histo-Pathology                     | 3         |
| DHYG 241  | Periodontology                                       | 2         |
| DHYG 250  | Dental Materials                                     | 3         |
| DHYG 301  | Dental Hygiene Practice Management                   | 3         |
| DHYG 302  | Instructional Strategies for the Health Professional | 3         |
| DHYG 303  | Advanced Clinical Concepts                           | 3         |
| DHYG 304  | Dental Hygiene Internship                            | 3-6       |
| DHYG 305  | Dental Hygiene Research I                            | 3         |
| DHYG 306  | Dental Hygiene Research II                           | 4         |
| DHYG 400  | Statistical Reasoning                                | 3         |
| DNUTR 204 | Nutritional Biochemistry                             | 3         |
|           |  | <b>66</b> |

### GENERAL EDUCATION REQUIREMENTS

|              |                             |           |
|--------------|-----------------------------|-----------|
| BIOL 106     | Elementary Microbiology     | 4         |
| BIOL 113-114 | Anatomy and Physiology I/II | 8         |
| CAPS C390    | Capstone Seminar            | 3         |
| SOSC         | Social Sciences Core        | 6         |
| ENGL C101    | Composition & Rhetoric      | 3         |
| FA           | Fine Arts Core              | 3         |
| HUM          | Humanities Core             | 6         |
| MATH C105    | Intermediate Algebra        | 3         |
| SOC 101      | Principles of Sociology     | 3         |
| FYS 101      | First Year Seminar          | 3         |
| MKTG 305     | Principle of Marketing OR   |           |
| HUSU 201     | Introduction to Counseling  | 3         |
|              |                             | <b>45</b> |

**ELECTIVES** \_\_\_\_\_ **9**

**Total Semester Hours** \_\_\_\_\_ **120**

## Suggested Program

### FIRST SEMESTER

|          |                             |   |
|----------|-----------------------------|---|
| DHYG 123 | Oral Anatomy and Embryology | 4 |
| DHYG 124 | Dental Radiology            | 3 |
| DHYG 129 | Clinical Practice I         | 4 |
| BIOL 113 | Anatomy and Physiology I    | 4 |
| FYS 101  | First Year Seminar          | 3 |

### SECOND SEMESTER

|          |                                       |   |
|----------|---------------------------------------|---|
| DHYG 130 | Clinical Practice II                  | 4 |
| DHYG 127 | Pharmacology for the Dental Hygienist | 2 |
| DHYG 140 | Introduction to Periodontology        | 1 |
| BIOL 114 | Anatomy and Physiology II             | 4 |
| BIOL 106 | Microbiology                          | 4 |
| ENGL 101 | Composition & Rhetoric                | 4 |

### THIRD SEMESTER

|           |                                  |   |
|-----------|----------------------------------|---|
| DHYG 227  | Clinical Practice III            | 5 |
| DHYG 230  | Local Anesthesia                 | 1 |
| DHYG 233  | Oral and General Histo-Pathology | 3 |
| DHYG 241  | Periodontology                   | 2 |
| DHYG 250  | Dental Materials                 | 3 |
| DNUTR 204 | Nutritional Biochemistry         | 3 |

### FOURTH SEMESTER

|           |                      |   |
|-----------|----------------------|---|
| DHYG 228  | Clinical Practice IV | 5 |
| DHYG 232  | Dental Public Health | 4 |
| MATH C105 | Intermediate Algebra | 3 |
| SOSC      | Social Sciences Core | 3 |
| SOC 101   | Sociology            | 3 |

### FIFTH SEMESTER

|          |  |   |
|----------|--|---|
| HUM      | Humanities Core                                      | 3 |
| DHYG 302 | Instructional Strategies for the Health Professional | 3 |
| DHYG 400 | Statistical Reasoning                                | 3 |
| SOSC     | Social Sciences Core                                 | 3 |

### SIXTH SEMESTER

|          |                                    |   |
|----------|------------------------------------|---|
| DHYG 301 | Dental Hygiene Practice Management | 3 |
| HUM      | Humanities Core                    | 3 |
| DHYG 303 | Advanced Clinical Concepts         | 3 |
| FA       | Fine Arts Core                     | 3 |

### SUMMER

|          |                           |     |
|----------|---------------------------|-----|
| DHYG 304 | Dental Hygiene Internship | 3-6 |
|----------|---------------------------|-----|

### SEVENTH SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| HUSV 201 | Introduction to Counseling | 3 |
|----------|----------------------------|---|

### OR

|          |                         |   |
|----------|-------------------------|---|
| MKTG 305 | Principles of Marketing | 3 |
|          | Electives               | 6 |

### EIGHTH SEMESTER

|           |                           |   |
|-----------|---------------------------|---|
| DHYG 305  | Dental Hygiene Research I | 3 |
|           | Electives                 | 6 |
| CAPS C390 | Capstone Seminar          | 3 |

### SUMMER

|          |                            |   |
|----------|----------------------------|---|
| DHYG 306 | Dental Hygiene Research II | 4 |
|----------|----------------------------|---|

**Total Semester Hours** \_\_\_\_\_ **120-124**



# Dental Hygiene *Bachelor of Science Degree Online Program*

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*Online Coordinator:* Dr. Wendy Garcia  
Health Sciences Center, Room 417  
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Fax: (203) 576-4220  
E-mail: [wendyg@bridgeport.edu](mailto:wendyg@bridgeport.edu)

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## **Curriculum and Program Requirements**

The online B.S. in Dental Hygiene from The Fones School of Dental Hygiene at the University of Bridgeport offers an opportunity for dental hygienists to further their education beyond the A.S. degree. Dental hygienists traditionally begin their professional work following completion of the A.S. degree. The University of Bridgeport's B.S. in Dental Hygiene online degree program makes it possible for dental hygienists to work toward a degree at any time, from anywhere in the world. The program is perfectly suited to adult learners who have the discipline for part-time, self-directed study under the guidance of qualified faculty in their field. The BSDH Online Program is identical to the on-campus degree completion program and is designed to be completed entirely online.

Students who hold an A.S. or certificate in Dental Hygiene from an institution accredited by the American Dental Association Commission on Dental Accreditation are eligible for admission. A maximum of 72 credits from accredited two-year colleges and 90 credits from accredited four-year institutions may be transferred. The program consists of 120 credit hours which include applicable transfer credits (60-90 credit hours), general education courses (40 credit hours), dental hygiene courses (22 credit hours), and elective courses (9 credit hours). The last 30 credit hours must be completed through the University of Bridgeport. The general education courses include University Core Requirements in English, Math, Fine Arts, Integrated Studies, Humanities, Natural Science, Social Science, and Capstone Seminar.

Students may take 2 online courses per 8-week session, which is equivalent to 12 credits per semester. As a new online student, a one-week New Student Orientation course is offered prior to the start of each 8-week session at no charge. Financial aid is available for qualified students taking at least 6 credits per semester.

Please visit [www.bridgeport.edu/academics/undergraduate/dentalbs/options](http://www.bridgeport.edu/academics/undergraduate/dentalbs/options) for additional information and an Application Form to download. You will be directed to request Official Transcripts from all schools attended – these are required in order to consider your acceptance into the program, as well as to evaluate courses taken previously and apply transfer credits to the course of study for the Bachelor's Degree in Dental Hygiene.

## **Learning Outcomes**

In addition to the learning outcomes of the entry-level dental hygiene curriculum, through completion of the Bachelor of Science Degree in dental hygiene, students will achieve the following outcomes:

- Communicate effectively through written, oral, and electronic means
- Apply scientific inquiry to foster critical thinking and reflective reasoning in all initiatives
- Participate in domestic and global collaborative efforts that allow for expanded and/or alternative career opportunities
- Develop, lead, and manage programs and strategies responsive to the diverse cultural and ethnic values and traditions of the communities served
- Instill the desire to pursue graduate level education

## **INSTRUCTIONAL FORMAT**

The online B.S. in Dental Hygiene is offered in a format that makes classes available 24 hours a day, 7 days a week. Courses are designed for working professionals and can be completed entirely online, from home or at work. Our online instructors are practicing professionals or UB faculty members – experienced educators who are your partners in a dynamic and interactive educational environment. The online interaction is designed to encourage thoughtful and well-prepared discussions based on both students' command of the coursework and their personal experiences.

To participate in UB's distance education program, you must own or have regular access to a computer with an Internet connection and an e-mail account. You should be comfortable with using e-mail, sending and receiving attachments, and Web browsing.

## **MINIMUM COURSE REQUIREMENTS**

- A PC or Macintosh system
- PC with Windows Vista or higher, Mac OSx10, 5.2 or higher
- Word processor, printer, CD-ROM
- Reliable Internet access
- E-mail
- web camera and microphone

## **ONLINE ORIENTATION**

All students participate in an online orientation prior to beginning the program. During the orientation, students are given instructions on how to navigate the Blackboard course management system, strategies for being a successful online student, and access to other University resources, including the Wahlstrom Library's electronic databases. Successful completion of the orientation is required of all new students in the online program.

# Electrical Engineering *Bachelor of Science Degree*

*Chair:* Navarun Gupta  
 Engineering Technology Building  
 Telephone: (203) 576-4117  
 Fax: (203) 576-4117  
 E-mail: navarung@bridgeport.edu

## Curriculum and Program Requirements

Electrical Engineering is the basis of Computer Engineering, Computer Science, and Biomedical Engineering. We tend to be excited by the breakthroughs in smart phones, i-pads/minicomputer, improved medical machinery, GPS, and a host of other gadgets that make our modern life more exciting and more comfortable. Electrical Engineering is the field that gives us the applied science to build all of these gadgets. It is also the field from which the knowledge will come for the creation of new gadgets and for the improvement of present-day machine.

Since it is a universal degree, the BSEE graduate is flexible – the graduate can bend their talents to satisfy the needs of an ever-changing needs technology. This promotes job security for the graduate, and it feeds the appetite of an advancing society.

The graduate of this program will obtain the basic education in the first three years. The last year is utilized to explore specific areas of interest. Our graduates will have expertise in at least one sub-field of Electrical Engineering such as electricity, machines/controllers, energy/power, signals/communications, materials, and electronic device analysis.

## Program Objectives

Graduates of the University of Bridgeport's English program will be able to:

1. Demonstrate peer-recognized expertise and problem solving skills providing solutions to the problems in industry, academia as well as other disciplines in the field they choose to pursue. [Problem Solving]
2. Demonstrate the capacity to embrace new opportunities and adapt to changes in emerging technologies, developing future state-of-the art designs and products. [Engineering System Design]
3. Demonstrate leadership skills and facilitate the achievement of others while

collaborating with professionals in a multidisciplinary environment. [Communication]

4. Demonstrate their creative and critical reasoning skills while solving technical problems, ethically and responsibly, in service to society. [Contemporary issues]
5. Demonstrate life-long learning and adaptation to a continuously changing field through graduate work, professional development, and self-study. [LLL/Work/Grad School]

## Learning Outcomes

Graduates of the University of Bridgeport's Electrical Engineering program will be able to:

1. Demonstrate knowledge and the ability to apply knowledge of continuous and discrete math, science and electrical engineering in the analysis of electrical engineering problems. [Fundamentals]
2. Demonstrate knowledge of core electrical engineering topics and an ability to design systems, including hardware and/or software components.[Design]
3. Exhibit an ability to identify, formulate and solve electrical engineering problems. [Problem Solving]
4. Demonstrate the ability to use techniques, skills and modern engineering tools for design and analysis. [Techniques/Skills]
5. Exhibit an ability to function in a multidisciplinary team. [Team Work]
6. Demonstrate the ability to identify and apply concepts of engineering economics and project planning. [Engr Econ/Planning]
7. Demonstrate knowledge of contemporary global and societal issues and their relationship to professional ethics and engineering solutions.[Ethics/Profession]
8. Have an ability to design and conduct scientific and engineering experiments and to analyze and interpret data. [Experiment/ Results]
9. Exhibit an ability to convey technical material through oral presentation and formal written reports/paper. [Communication]
10. Have an awareness of the need and the ability to demonstrate learning throughout life along with an appreciation of the diversity in the world and intellectual areas. [Diversity and LLL]

## ENGINEERING CORE REQUIREMENTS

|          |                                      |           |
|----------|--------------------------------------|-----------|
| CHEM 103 | General Chemistry I                  | 4         |
| ELEG 210 | Digital System Design I              | 3         |
| CPEG 286 | Microprocessor System Design         | 3         |
| CPSC 101 | Introduction to Computing I          | 3         |
| ENGR 111 | Introduction to Engineering I        | 3         |
| CPEG 300 | Econ. and Management of Engr Project | 3         |
| MATH 215 | Calculus III                         | 4         |
| MATH 301 | Differential Equations               | 3         |
|          | <b>Total</b>                         | <b>26</b> |

## PROGRAM REQUIREMENTS

|                  |                                 |           |
|------------------|---------------------------------|-----------|
| ELEG 208         | Engineering Mathematics         | 3         |
| ELEG 337/344     | Analog Electronics Lab          | 3         |
| CPEG 315         | Digital Systems Design II w/lab | 4         |
| ELEG 233/235     | Network Analysis I w/lab        | 4         |
| ELEG 234/236     | Network Analysis II w/Lab       | 3         |
| ELEG 342         | Modern Communications           | 3         |
| ELEG 348         | Electronics I                   | 3         |
| ELEG 315/316/350 | Communications                  | 3         |
| ELEG 317         | Controls                        | 3         |
| ELEG 317         | Controls                        | 3         |
| ELEG 333         | Signals and Systems             | 3         |
| ELEG 364         | Programmable Logic Control      | 3         |
| MATH 323         | Probability and Statistics      | 3         |
| ELEG 349         | Senior Design Project           | 4         |
|                  | Technical (EE) Elective         | 6         |
| ELEG (300+level) | Electives                       | 12        |
|                  | <b>Total</b>                    | <b>60</b> |

## GENERAL EDUCATION REQUIREMENTS

|              |                             |           |
|--------------|-----------------------------|-----------|
| ENGL 101     | Composition & Rhetoric      | 3         |
| MATH 110     | Calculus I                  | 4         |
| MATH 112     | Calculus II                 | 4         |
| PHYS 111/112 | Principles of Physics I, II | 8         |
| HUM          | Humanities Core             | 6         |
| SOSC         | Social Sciences Core        | 6         |
| FA           | Fine Arts Core              | 3         |
|              | <b>Total</b>                | <b>34</b> |

**Total Semester Hours** \_\_\_\_\_ **120**

# Electrical Engineering *Bachelor of Science Degree*

## Suggested Program

### SEMESTER 1

|                 |                             |          |
|-----------------|-----------------------------|----------|
| CPSC 101        | Intro to Computing with lab | 3        |
| ENGR 111        | Intro to Engineering        | 3        |
| ENGL 101        | Composition and Rhetoric    | 3        |
| MATH 110        | Calculus                    | 4        |
| ELEG 208        | Engineering Mathematics     | 3        |
|                 |                             | <u>3</u> |
| <b>TOTAL 16</b> |                             |          |

### SEMESTER 2

|                 |                                   |          |
|-----------------|-----------------------------------|----------|
| PHYS 111        | Principles of Physics I, with lab | 4        |
| MATH 112        | Calculus II                       | 4        |
| CHEM 103        | General Chemistry with lab        | 4        |
|                 | Social Science Elective           | 3        |
|                 |                                   | <u>3</u> |
| <b>TOTAL 15</b> |                                   |          |

### SEMESTER 3

|                 |                             |          |
|-----------------|-----------------------------|----------|
| PHYS 112        | Prin of Physics II with lab | 4        |
| ELEG 233        | Network Analysis I          | 3        |
| ELEG 235        | Network Analysis I lab      | 1        |
| MATH 215        | Calculus III                | 4        |
|                 | Humanities Elective         | 3        |
|                 |                             | <u>3</u> |
| <b>TOTAL 15</b> |                             |          |

### SEMESTER 4

|                 |                         |          |
|-----------------|-------------------------|----------|
| ELEG 234        | Network Analysis II     | 2        |
| ELEG 236        | Network Analysis II lab | 1        |
| MATH 301        | Differential Equations  | 3        |
|                 | Fine Arts Elective      | 3        |
|                 | Social Science Elective | 3        |
| ELEG 210        | Digital Design I        | 3        |
|                 |                         | <u>3</u> |
| <b>TOTAL 15</b> |                         |          |

### SEMESTER 5

|                 |                            |          |
|-----------------|----------------------------|----------|
| ENGR 300        | Economics for Engineers    | 3        |
| ELEG 317        | Controls                   | 3        |
| MATH 323        | Probability and Statistics | 3        |
| ELEG 348        | Electronics                | 3        |
| ELEG 286        | Microprocessors            | 3        |
|                 |                            | <u>3</u> |
| <b>TOTAL 15</b> |                            |          |

### SEMESTER 6

|                 |   |          |
|-----------------|---|----------|
| ELEG 337        | Analog Electronics Lab                                    | 3        |
| ELEG 364        | Programmable Logic control                                | 3        |
| ELEG            | Communications course<br>(EE 315, EE 316/416, EE 350/450) | 3        |
| ELEG 351        | Modern Communications                                     | 3        |
| CPEG 315        | Digital Design II with Lab                                | 4        |
|                 |   | <u>4</u> |
| <b>TOTAL 16</b> |   |          |

### SEMESTER 7

|                  |                       |          |
|------------------|-----------------------|----------|
| ELEG 333         | Signals and Systems   | 3        |
| ELEG 349A        | Senior Design Project | 2        |
| ELEG (300+level) | Electives             | 6        |
|                  | Humanities Elective   | 3        |
|                  |                       | <u>3</u> |
| <b>TOTAL 14</b>  |                       |          |

### SEMESTER 8

|                                |                       |          |
|--------------------------------|-----------------------|----------|
| ELEG 349B                      | Senior Design Project | 2        |
| ELEG (300+level)               | Electives             | 6        |
|                                | ENGR/Tech Electives   | 6        |
|                                |                       | <u>6</u> |
| <b>TOTAL 14</b>                |                       |          |
| <b>Total Credit Hours: 120</b> |                       |          |

# English Bachelor of Arts Degree

*Chair:* Dr. Diane Krumrey  
Bryant Hall  
Telephone: (203) 576-2381  
Fax: (203) 576 4051  
E-mail: dkrumrey@bridgeport.edu

With a bachelor's degree in English, students will gain knowledge of American, British, and world literature as they develop proficiency in written communication. It is an excellent choice for students who enjoy literature and want to develop the essential skills of reading, independent critical thinking, and polished writing and analysis.

For the Bachelor of Arts degree, students may choose concentrations in either Literature or Creative Writing. Both concentrations provide excellent preparation for graduate study.

Literature courses require extensive writing and critical analysis of texts, as well as giving students a culturally rich and historically aware perspective. Creative writing classes introduce students to the genres of writing available to them and prepare them for the competitive world of professional writing.

## Learning Objectives

Graduates of the University of Bridgeport's English program will be able to:

1. have a familiarity with American and British literature, specifically, representative works and authors, major literary periods, and historical and cultural contexts.
2. be able to critically discuss and analyze works within different literary genres.
3. have skill in writing detailed interpretive essays combining research with critical analysis.
4. be able to write in different academic and professional modes and to successfully and independently edit written work.
5. demonstrate knowledge of the accepted forms for submitting written work in academia, the professions, and different media.

## Curriculum and Program Requirements

### BA in English: Literature

#### Group I (15 credits)

15 credits from the following courses:

|      |     |                                  |   |
|------|-----|----------------------------------|---|
| ENGL | 207 | American Literature I            | 3 |
| ENGL | 208 | American Literature II           | 3 |
| ENGL | 209 | British Literature I             | 3 |
| ENGL | 210 | British Literature II            | 3 |
| ENGL | 212 | Masterpieces of World Literature | 3 |
| ENGL | 305 | Shakespeare                      | 3 |

#### Group II (15 credits)

15 credits of literature electives at the 200 or 300 level.

Students may substitute one literature elective at the 100 level and ENGL 322. (Understanding English Grammar) for 6 of these credits.

#### Senior Thesis (3 credits)

|      |     |               |   |
|------|-----|---------------|---|
| ENGL | 397 | Senior Thesis | 3 |
|------|-----|---------------|---|

#### History Requirement (6 credits)

|  |  |                                   |   |
|--|--|-----------------------------------|---|
|  |  | American History Elective         | 3 |
|  |  | English or World History Elective | 3 |

#### Modern Language Requirement (12 credits)

Demonstrated proficiency in a modern language other than English at the 104 level.

#### Free Electives (27 credits)

### GENERAL EDUCATION REQUIREMENTS

#### Core Curriculum (33 credits)

|                  |     |                                |   |
|------------------|-----|--------------------------------|---|
| ENGL             | 101 | Composition & Rhetoric         | 3 |
| FYS              | 101 | First Year Seminar             | 3 |
| MATH             | 105 | Intermediate Algebra           | 3 |
| Fine Arts        |     | Fine Arts Core Elective        | 3 |
| Humanities       |     | Humanities Core Electives      | 6 |
| Natural Sciences |     | Natural Science Core Electives | 6 |
| Social Sciences  |     | Social Science Core Electives  | 6 |
| CAPS             | 390 | Capstone Seminar               | 3 |

#### Liberal Arts Electives (9 credits)

### BA in English: Creative Writing

#### Group I (15 credits)

|      |     |                             |   |
|------|-----|-----------------------------|---|
| ENGL | 201 | Creative Writing            | 3 |
| ENGL | 205 | Poetry Writing              | 3 |
| ENGL | 218 | Autobiographical Writing    | 3 |
| ENGL | 308 | Advanced Creative Writing   | 3 |
| ENGL | 309 | Seminar in Creative Writing | 3 |

#### Group II (12 credits)

12 credits from the following courses:

|      |     |                                  |   |
|------|-----|----------------------------------|---|
| ENGL | 207 | American Literature I            | 3 |
| ENGL | 208 | American Literature II           | 3 |
| ENGL | 209 | British Literature I             | 3 |
| ENGL | 210 | British Literature II            | 3 |
| ENGL | 212 | Masterpieces of World Literature | 3 |
| ENGL | 305 | Shakespeare                      | 3 |

#### Group III (9 credits)

9 credits of literature courses at the 200 and 300 level.

Students may substitute a 100-level course as well as ENGL 322 (Understanding English Grammar) for 6 of these credits.

#### Modern Language Requirement (12 credits)

Demonstrated proficiency in a modern language other than English at the 104 level.

#### Free Electives (30 credits)

### GENERAL EDUCATION REQUIREMENTS

#### Core Curriculum (33 credits)

|                  |     |                                |   |
|------------------|-----|--------------------------------|---|
| ENGL             | 101 | Composition & Rhetoric         | 3 |
| FYS              | 101 | First Year Seminar             | 3 |
| MATH             | 105 | Intermediate Algebra           | 3 |
| Fine Arts        |     | Fine Arts Core Elective        | 3 |
| Humanities       |     | Humanities Core Electives      | 6 |
| Natural Sciences |     | Natural Science Core Electives | 6 |
| Social Sciences  |     | Social Science Core Electives  | 6 |
| CAPS             | 390 | Capstone Seminar               | 3 |

#### Liberal Arts Electives (9 credits)

## Suggested Program

### BA in English: Literature

#### SEMESTER 1

|         |     |                              |   |
|---------|-----|------------------------------|---|
| ENGL    | 101 | Composition & Rhetoric       | 3 |
| FYS     | 101 | First Year Seminar           | 3 |
| MATH    | 105 | Intermediate Algebra         | 3 |
| ENGL    |     | English Elective for Major   | 3 |
| SOC SCI |     | Social Science Core Elective | 3 |

#### SEMESTER 2

|         |  |                               |   |
|---------|--|-------------------------------|---|
| ENGL    |  | English Elective for Major    | 3 |
| HIST    |  | American History for Major    | 3 |
| NAT SCI |  | Natural Science Core Elective | 3 |
| FA      |  | Fine Arts Core Elective       | 3 |
|         |  | Free Elective                 | 3 |

#### SEMESTER 3

|         |     |                              |   |
|---------|-----|------------------------------|---|
| ENGL    | 207 | American Literature I        | 3 |
| ENGL    |     | English Elective for Major   | 3 |
| ML      |     | Modern Language 101          | 3 |
| HUM     |     | Humanities Core Elective     | 3 |
| SOC SCI |     | Social Science Core Elective | 3 |

#### SEMESTER 4

|         |     |                                   |   |
|---------|-----|-----------------------------------|---|
| ENGL    | 210 | British Literature II             | 3 |
| HIST    |     | English or World History Elective | 3 |
| ML      |     | Modern Language 102               | 3 |
| HUM     |     | Humanities Core Elective          | 3 |
| NAT SCI |     | Natural Science Core Elective     | 3 |

#### SEMESTER 5

|      |     |                            |   |
|------|-----|----------------------------|---|
| ENGL | 208 | American Literature II     | 3 |
| ENGL |     | English Elective for Major | 3 |
| ML   |     | Modern Language 103        | 3 |
|      |     | Free Electives             | 6 |

#### SEMESTER 6

|      |     |                            |   |
|------|-----|----------------------------|---|
| ENGL | 209 | British Literature I       | 3 |
| ENGL |     | English Elective for Major | 3 |
| ML   |     | Modern Language 104        | 3 |
|      |     | Free Electives             | 6 |

# English *Bachelor of Arts Degree*

## SEMESTER 7

|          |                       |   |
|----------|-----------------------|---|
| ENGL 212 | World Literature      | 3 |
| or 305   | Shakespeare           |   |
| CAPS 390 | Capstone Seminar      | 3 |
|          | Liberal Arts Elective | 3 |
|          | Free Electives        | 6 |

## SEMESTER 8

|          |                        |   |
|----------|------------------------|---|
| ENGL 397 | Senior Thesis          | 3 |
|          | Liberal Arts Electives | 6 |
|          | Free Electives         | 6 |

## ***BA in English: Creative Writing***

### SEMESTER 1

|          |                              |   |
|----------|------------------------------|---|
| ENGL 101 | Composition & Rhetoric       | 3 |
| FYS 101  | First Year Seminar           | 3 |
| MATH 105 | Intermediate Algebra         | 3 |
| ENGL 201 | Creative Writing             | 3 |
| SOC SCI  | Social Science Core Elective | 3 |

### SEMESTER 2

|         |                               |   |
|---------|-------------------------------|---|
| ENGL    | Literature Elective for Major | 3 |
| FA      | Fine Arts Core Elective       | 3 |
| HUM     | Humanities Core Elective      | 3 |
| NAT SCI | Natural Science Core Elective | 3 |
|         | Free Elective                 | 3 |

### SEMESTER 3

|          |                               |   |
|----------|-------------------------------|---|
| ENGL 218 | Autobiographical Writing      | 3 |
| ENGL 207 | American Literature I         | 3 |
| or 208   | American Literature II        |   |
| ML 101   | Modern Language 101           | 3 |
| NAT SCI  | Natural Science Core Elective | 3 |
| SOC SCI  | Social Science Core Elective  | 3 |

### SEMESTER 4

|          |                          |   |
|----------|--------------------------|---|
| ENGL 205 | Poetry Writing           | 3 |
| ENGL 209 | British Literature I     | 3 |
| or 219   | British Literature II    |   |
| ML 102   | Modern Language 102      | 3 |
| HUM      | Humanities Core Elective | 3 |
|          | Free Elective            | 3 |

### SEMESTER 5

|          |                                  |   |
|----------|----------------------------------|---|
| ENGL 212 | World Masterpieces of Literature | 3 |
| ENGL     | Literature Elective for Major    | 3 |
| ML 103   | Modern Language 103              | 3 |
|          | Free Electives                   | 6 |

### SEMESTER 6

|          |                           |   |
|----------|---------------------------|---|
| ENGL 305 | Shakespeare               | 3 |
| ENGL 308 | Advanced Creative Writing | 3 |
| ML 104   | Modern Language 104       | 3 |
|          | Free Electives            | 6 |

### SEMESTER 7

|          |                               |   |
|----------|-------------------------------|---|
| ENGL     | Literature Elective for Major | 3 |
| CAPS 390 | Capstone Seminar              | 3 |
| LA       | Liberal Arts Elective         | 3 |
|          | Free Electives                | 6 |

### SEMESTER 8

|          |                             |   |
|----------|-----------------------------|---|
| ENGL 309 | Seminar in Creative Writing | 3 |
| LA       | Liberal Arts Electives      | 6 |
|          | Free Electives              | 6 |

# English Bachelor of Science Degree

*Chair:* Dr. Diane Krumrey  
Bryant Hall  
Telephone: (203) 576-2381  
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E-mail: dkrumrey@bridgeport.edu

With a bachelor's degree in English, students will gain knowledge of American, British, and world literature as they develop proficiency in written communication. It is an excellent choice for students who enjoy literature and want to develop the essential skills of reading, independent critical thinking, and polished writing and analysis.

For the Bachelor of Science degree, students may choose concentrations in either Literature or Creative Writing. The BS degrees do not include the modern language requirement, thereby permitting students more freedom to explore other areas of study and perhaps elect a minor in a related field.

Literature courses require extensive writing and critical analysis of texts, as well as giving students a culturally rich and historically aware perspective. Creative writing classes introduce students to the genres of writing available to them and prepare them for the competitive world of professional writing.

## Learning Objectives

Graduates of the University of Bridgeport's English program will be able to:

1. have a familiarity with American and British literature, specifically, representative works and authors, major literary periods, and historical and cultural contexts.
2. be able to critically discuss and analyze works within different literary genres.
3. have skill in writing detailed interpretive essays combining research with critical analysis.
4. be able to write in different academic and professional modes and to successfully and independently edit written work.
5. demonstrate knowledge of the accepted forms for submitting written work in academia, the professions, and different media.

## Curriculum and Program Requirements

### BS in English: Literature

#### Group I (15 credits)

15 credits from the following courses:

|          |                                  |   |
|----------|----------------------------------|---|
| ENGL 207 | American Literature I            | 3 |
| ENGL 208 | American Literature II           | 3 |
| ENGL 209 | British Literature I             | 3 |
| ENGL 210 | British Literature II            | 3 |
| ENGL 212 | Masterpieces of World Literature | 3 |
| ENGL 305 | Shakespeare                      | 3 |

#### Group II (15 credits)

15 credits of literature electives at the 200 or 300 level.

Students may substitute one literature elective at the 100 level and ENGL 322

(Understanding English Grammar) for 6 of these credits.

#### Senior Thesis (3 credits)

|          |               |   |
|----------|---------------|---|
| ENGL 397 | Senior Thesis | 3 |
|----------|---------------|---|

#### History Requirement (6 credits)

|                                   |   |
|-----------------------------------|---|
| American History Elective         | 3 |
| English or World History Elective | 3 |

### GENERAL EDUCATION REQUIREMENTS

#### Core Curriculum (33 credits)

|                  |                                |   |
|------------------|--------------------------------|---|
| ENGL 101         | Composition & Rhetoric         | 3 |
| FYS 101          | First Year Seminar             | 3 |
| MATH 105         | Intermediate Algebra           | 3 |
| Fine Arts        | Fine Arts Core Elective        | 3 |
| Humanities       | Humanities Core Electives      | 6 |
| Natural Sciences | Natural Science Core Electives | 6 |
| Social Sciences  | Social Science Core Electives  | 6 |
| CAPS 390         | Capstone Seminar               | 3 |

#### Liberal Arts Electives (9)

#### Free Electives (39)

### BS in English: Creative Writing

#### Group I (15 credits)

|          |                             |   |
|----------|-----------------------------|---|
| ENGL 201 | Creative Writing            | 3 |
| ENGL 205 | Poetry Writing              | 3 |
| ENGL 218 | Autobiographical Writing    | 3 |
| ENGL 308 | Advanced Creative Writing   | 3 |
| ENGL 309 | Seminar in Creative Writing | 3 |

#### Group II (12 credits)

12 credits from the following courses:

|          |                                  |   |
|----------|----------------------------------|---|
| ENGL 207 | American Literature I            | 3 |
| ENGL 208 | American Literature II           | 3 |
| ENGL 209 | British Literature I             | 3 |
| ENGL 210 | British Literature II            | 3 |
| ENGL 212 | Masterpieces of World Literature | 3 |
| ENGL 305 | Shakespeare                      | 3 |

#### Group III (9 credits)

9 credits of literature courses at the 200 and 300 level.

Students may substitute one literature elective at the 100 level and ENGL 322

(Understanding English Grammar) for 6 of these credits.

### GENERAL EDUCATION REQUIREMENTS

#### Core Curriculum (33 credits)

|                  |                                |   |
|------------------|--------------------------------|---|
| ENGL 101         | Composition & Rhetoric         | 3 |
| FYS 101          | First Year Seminar             | 3 |
| MATH 105         | Intermediate Algebra           | 3 |
| Fine Arts        | Fine Arts Core Elective        | 3 |
| Humanities       | Humanities Core Electives      | 6 |
| Natural Sciences | Natural Science Core Electives | 6 |
| Social Sciences  | Social Science Core Electives  | 6 |
| CAPS 390         | Capstone Seminar               | 3 |

#### Liberal Arts Electives (9 credits)

#### Free Electives (42)

## Suggested Program

### BS in English: Literature

The same requirements as those for a BA in English: Literature without the modern language requirement, leaving a student with 39 credits of free electives.

#### SEMESTER 1

|          |                              |   |
|----------|------------------------------|---|
| ENGL 101 | Composition & Rhetoric       | 3 |
| FYS 101  | First Year Seminar           | 3 |
| MATH 105 | Intermediate Algebra         | 3 |
| ENGL     | English Elective for Major   | 3 |
| SOC SCI  | Social Science Core Elective | 3 |

#### SEMESTER 2

|         |                                     |   |
|---------|-------------------------------------|---|
| ENGL    | English Elective for Major          | 3 |
| HIST    | American History Elective for Major | 3 |
| NAT SCI | Natural Science Core Elective       | 3 |
| FA      | Fine Arts Core Elective             | 3 |
|         | Free Elective                       | 3 |

#### SEMESTER 3

|          |                              |   |
|----------|------------------------------|---|
| ENGL 207 | American Literature I        | 3 |
| ENGL     | English Elective for Major   | 3 |
| HUM      | Humanities Core Elective     | 3 |
| SOC SCI  | Social Science Core Elective | 3 |
|          | Free Elective                | 3 |

#### SEMESTER 4

|          |                                   |   |
|----------|-----------------------------------|---|
| ENGL 210 | British Literature II             | 3 |
| HIST     | British or World History Elective | 3 |
| HUM      | Humanities Core Elective          | 3 |
| NAT SCI  | Natural Science Core Elective     | 3 |
|          | Free Elective                     | 3 |

#### SEMESTER 5

|          |                            |   |
|----------|----------------------------|---|
| ENGL 208 | American Literature II     | 3 |
| ENGL     | English Elective for Major | 3 |
|          | Free Electives             | 9 |

#### SEMESTER 6

|          |                            |   |
|----------|----------------------------|---|
| ENGL 209 | British Literature I       | 3 |
| ENGL     | English Elective for Major | 3 |
|          | Free Electives             | 9 |

#### SEMESTER 7

|          |                       |   |
|----------|-----------------------|---|
| ENGL 212 | World Literature      | 3 |
| or 305   | Shakespeare           |   |
| CAPS 390 | Capstone Seminar      | 3 |
|          | Liberal Arts Elective | 3 |
|          | Free Electives        | 6 |

# English *Bachelor of Science Degree*

## SEMESTER 8

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|          |                        |   |
|----------|------------------------|---|
| ENGL 397 | Senior Thesis          | 3 |
|          | Liberal Arts Electives | 6 |
|          | Free Electives         | 6 |

## ***BS in English: Creative Writing***

### SEMESTER 1

---

|          |                              |   |
|----------|------------------------------|---|
| ENGL 101 | Composition & Rhetoric       | 3 |
| FYS 101  | First Year Seminar           | 3 |
| MATH 105 | Intermediate Algebra         | 3 |
| ENGL 201 | Creative Writing             | 3 |
| SOC SCI  | Social Science Core Elective | 3 |

### SEMESTER 2

---

|         |                               |   |
|---------|-------------------------------|---|
| ENGL    | Literature Elective for Major | 3 |
| FA      | Fine Arts Core Elective       | 3 |
| HUM     | Humanities Core Elective      | 3 |
| NAT SCI | Natural Science Core Elective | 3 |
|         | Free Elective                 | 3 |

### SEMESTER 3

---

|          |                               |   |
|----------|-------------------------------|---|
| ENGL 218 | Autobiographical Writing      | 3 |
| ENGL 207 | American Literature I         | 3 |
| or 208   | American Literature II        |   |
| NAT SCI  | Natural Science Core Elective | 3 |
| SOC SCI  | Social Science Core Elective  | 3 |
|          | Free Elective                 | 3 |

### SEMESTER 4

---

|          |                          |   |
|----------|--------------------------|---|
| ENGL 205 | Poetry Writing           | 3 |
| ENGL 209 | British Literature I     | 3 |
| or 219   | British Literature II    |   |
| HUM      | Humanities Core Elective | 3 |
|          | Free Elective            | 6 |

### SEMESTER 5

---

|          |                                  |   |
|----------|----------------------------------|---|
| ENGL 212 | World Masterpieces of Literature | 3 |
| ENGL     | Literature Elective for Major    | 3 |
|          | Free Electives                   | 9 |

### SEMESTER 6

---

|          |                           |   |
|----------|---------------------------|---|
| ENGL 305 | Shakespeare               | 3 |
| ENGL 308 | Advanced Creative Writing | 3 |
|          | Free Electives            | 9 |

### SEMESTER 7

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|          |                               |   |
|----------|-------------------------------|---|
| ENGL     | Literature Elective for Major | 3 |
| CAPS 390 | Capstone Seminar              | 3 |
|          | Liberal Arts Elective         | 3 |
|          | Free Electives                | 6 |

### SEMESTER 8

---

|          |                             |   |
|----------|-----------------------------|---|
| ENGL 309 | Seminar in Creative Writing | 3 |
|          | Liberal Arts Electives      | 6 |
|          | Free Electives              | 6 |

# Fashion Merchandising *Associate in Arts Degree*

*Chair:* Patricia Rigia  
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 Fax: (203) 576-4099  
 E-mail: rigia@bridgeport.edu

## Curriculum and Program Requirements

Fashion Merchandising offers a two-year Associate's degree program in Fashion Merchandising and Retailing for individuals interested in pursuing careers within the diversified fashion field. The programs of study are arranged so that the student, after earning an Associate in Arts degree, may go on to complete the Bachelor of Science degree requirements with full credit for all earned semester hours. Refer to the Fashion Merchandising and Retailing four-year program in this Catalog.

In addition to formal class work, the student is required to participate in a supervised industry internship program with approved retail organizations that include many prestigious New York City stores. Other important aspects of the program are: fashion show productions; resident buying office workshops; field trips to the New York market, trade shows, museums, manufacturers, and textile plants at a nominal cost to student. On-campus seminars are led by outstanding industry personnel.

All students must fulfill a supervised industry internship between Thanksgiving and Christmas of their sophomore fall semester. The retail organization within which they will work is selected by the faculty of the Fashion Merchandising and Retailing Program. A student must have earned a 2.5 QPR to obtain junior status in the Program.

The degree will not be granted to students who receive less than "C" in Retailing 280. The degree will not be granted to students receiving more than one "D" in any Fashion Merchandising and Retailing course.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) acquire the basic technical skills necessary for work in the fashion merchandising field; 2) understand basic principles of fashion merchandising; 3) learn how to effectively communicate with others in their organization; and 4) understand the trends in the current fashion merchandising business.

## ASSESSMENT

Students will be evaluated with a standardized exam at the end of their two-year program and with projects in their courses..

## Summary of Requirements

### PROGRAM REQUIREMENTS

|           |   |           |
|-----------|---|-----------|
| FM 101    | Fashion Fundamentals                    | 3         |
| FM 108    | Product Knowledge – Fashion Accessories | 3         |
| FM 270    | Fashion Show                            | 3         |
| RETL 180  | Seminar in Professional Development     | 3         |
| RETL 201  | Retail Adver. & Fashion Promotion       | 3         |
| RETL 202  | Retailing Math                          | 3         |
| RETL 203  | Fashion & Retail Buying I               | 3         |
| RETL 205  | Textiles I                              | 3         |
| RETL 206  | Textiles II                             | 3         |
| RETL 207  | Strategy of Selling                     | 3         |
| RETL 280  | Industry Internship                     | 3         |
| ADSN 103  | Visual Organization                     | 3         |
| ADSN 119A | Intro Computer Apps (Photoshop)         | 3         |
|           |   | <b>39</b> |

### GENERAL EDUCATION REQUIREMENTS

|                |   |           |
|----------------|---|-----------|
| ENGL C101      | Composition & Rhetoric                    | 3         |
| HUM            | Humanities Core                           | 3         |
| SOSC           | Social Science Core                       | 3         |
| CAIS 191       | Computer Concepts                         | 3         |
| MCOM110 or 111 | Public Speaking<br>Intro to Communication | 3         |
|                | General Education Electives               | 3         |
| MATH C105      | Intermediate Algebra                      | 3         |
| FYS 101        | First Year Seminar                        | 3         |
|                |   | <b>24</b> |

**Total Semester Hours** 63

## Suggested Program

### FIRST SEMESTER

|           |                                 |   |
|-----------|---------------------------------|---|
| ENGL C101 | Composition & Rhetoric          | 3 |
| ADSN 103  | Visual Organization I           | 3 |
| ADSN 119A | Intro Computer Apps (Photoshop) | 3 |
| FM 101    | Fashion Fundamentals            | 3 |
| FYS 101   | First Year Seminar              | 3 |

### SECOND SEMESTER

|           |   |   |
|-----------|---|---|
| MATH C105 | Intermediate Algebra                    | 3 |
| FM 108    | Product Knowledge – Fashion Accessories | 3 |
| RETL 202  | Retailing Mathematics                   | 3 |
| CAIS 191  | Computer Concepts                       | 3 |
| RETL 205  | Textiles I                              | 3 |

### THIRD SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| RETL 206 | Textiles II                         | 3 |
| RETL 207 | Strategies of Selling               | 3 |
| RETL 280 | Industry Internship                 | 3 |
| RETL 180 | Seminar in Professional Development | 3 |
| RETL 203 | Buying I                            | 3 |

### FOURTH SEMESTER

|                      |  |   |
|----------------------|--|---|
| FM 270               | Fashion Show                                   | 3 |
| RETL 201             | Retail Advertising and Fashion Promotion       | 3 |
|                      | General Education Elective                     | 3 |
| MCOM 111 or MCOM 110 | Intro to Mass Communication<br>Public Speaking | 3 |
| HUM                  | Humanities Core                                | 3 |
| SOSC                 | Social Sciences Core                           | 3 |

**Total Semester Hours** 63



# Fashion Merchandising *Bachelor of Science Degree*

*Chair:* Patricia Rigia  
 Mandeville Hall, Room 23  
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 Fax: (203) 576-4099  
 E-mail: rigia@bridgeport.edu

## Curriculum and Program Requirements

The Bachelor of Science degree is required by an increasing number of organizations for eligibility to participate in their executive training programs. This curriculum is designed so that the student may declare a minor (usually 18 semester hours) in suggested related studies such as mass communication or art & design.

All students must fulfill a supervised industry internship between Thanksgiving and Christmas of their sophomore fall semester. The retail organization in which they will intern is selected by the faculty of the Fashion Merchandising and Retailing Program. A student must have earned a 2.5 QPR to obtain junior status in the Program.

In addition to formal class work, the student is required to participate in a supervised industry internship program with approved retail organizations that include many prestigious New York City stores. Other important aspects of the program are: fashion show productions; resident buying office workshops; field trips to the New York market, trade shows, museums, and manufacturers, at a nominal cost to student. On-campus seminars are led by accomplished individuals drawn from the industry.

The degree will not be granted to students who receive less than "C" in Retailing 280. The degree will not be granted to students receiving more than one "D" in any Fashion Merchandising or Retailing course.

## Study Abroad Semester

The Fashion Merchandising and Retailing Department is affiliated with several Study Abroad Programs. Students may attend the London College of Fashion, the University of Florence, Italy or programs offered through Global Learning Semesters. This off-campus semester enables B.S. degree students to participate in a couture study week in Paris plus retail experiences in other countries. Students who wish to participate in this affiliated Study Abroad Program are advised to make application in their sophomore year

for the Fall or Spring semester of their junior or senior year. Electives for the B.S. degree are satisfied by all study abroad program semester hours with approval of the Department. Students with prior internship experience who participate in the Spring semester abroad may opt for a Summer co-op experience in Europe.

## Minor Option

Students enrolled in other majors at the University of Bridgeport may declare a minor status if they complete a minimum of 18 semester hours in the following areas: 3 to 9 semester hours may be elected from the following: Fashion Merchandising or Retailing 101, 107, 108, 201, 6 to 9 semester hours from the following: Retailing 102, 207; 3 semester hours from the following: Retailing 300, 303, or 313.

## Transfer Students

The Fashion Merchandising and Retailing B.S. degree program easily accommodates transfer students. No courses below a "C" grade are transferable. Transfer Articulation Agreements are in effect with Dean College (MA), Bay Path College (MA), Nassau Community College (NY), Dutchess (NY) and Westchester Community College, Middlesex Community College (CT), Fisher College (MA), Holyoke Community College (MA), Orange County Community College (NY), County College of Morris (NJ), and Lincoln College (CT).

## Learning Outcomes

### LEARNING OBJECTIVES:

Students 1) acquire the technical skills necessary for work in the fashion merchandising field; 2) acquire knowledge of fashion merchandising principles; 3) learn how to effectively communicate with others within and outside of their organization; and 4) develop real world knowledge and understanding of the current fashion world.

### ASSESSMENT:

Student will be evaluated with a standardized exam related to fashion merchandising at the end of their undergraduate studies. Students will also be evaluated with projects in their final courses.

## Summary of Requirements

### CREDITS

|  |     |
|--|-----|
| General Education Requirements             | 48  |
| Fashion Merchandising Program Requirements | 57  |
| Fashion Merchandising Cognate Courses      | 18  |
|  | 123 |

### GENERAL EDUCATION REQUIREMENTS

|             |                                    |    |
|-------------|------------------------------------|----|
| ENGL C101   | Composition & Rhetoric             | 3  |
| MATH C105   | Intermediate Algebra               | 3  |
| HUM         | Humanities Core                    | 6  |
| SOSC        | Social Science Core                | 6  |
| SCI         | Natural Sciences Core              | 6  |
| FA          | Fine Arts Core                     | 3  |
|             | Core Elective                      | 3  |
| FYS 101     | First Year Seminar                 | 3  |
| CAPS C390   | Capstone Seminar                   | 3  |
| MCOM 111    | Introduction to Mass Communication | 3  |
| or MCOM 110 | Public Speaking                    |    |
|             | Liberal Arts Elective              | 3  |
|             | Liberal Arts Elective              | 3  |
| CAIS 191    | Computer Concepts                  | 3  |
|             |                                    | 48 |

### PROGRAM REQUIREMENTS

|          |                                       |    |
|----------|---------------------------------------|----|
| FM 101   | Fashion Fundamentals                  | 3  |
| FM 107   | Home Furnishings or Elective          | 3  |
| FM 108   | Product Knowledge-Fashion Accessories | 3  |
| FM 270   | Fashion Show                          | 3  |
| FM 303   | History of Costume                    | 3  |
| RETL 202 | Merchandising Mathematics             | 3  |
| RETL 180 | Seminar in Professional Development   | 3  |
| RETL 201 | Retail Advert. & Fashion Promotion    | 3  |
| RETL 203 | Fashion & Retail Buying I             | 3  |
| RETL 205 | Textiles I                            | 3  |
| RETL 206 | Textiles II                           | 3  |
| RETL 207 | Strategies of Selling                 | 3  |
| RETL 213 | Retail Human Resource Management      | 3  |
| RETL 280 | Industry Internship                   | 3  |
| RETL 300 | Mass Merchandising/Marketing          | 3  |
| RETL 304 | Fashion & Retail Buying II            | 3  |
| RETL 307 | Surface Design                        | 3  |
| RETL 313 | Organizational Management             | 3  |
| RETL 330 | Intern. Fashions and Furnishings      | 3  |
|          |                                       | 57 |

### REQUIRED COGNATE COURSES

|                             |                         |            |
|-----------------------------|-------------------------|------------|
| ACCT 101                    | Accounting I            | 3          |
| ADSN 103                    | Visual Organization I   | 3          |
| MKTG 305                    | Principles of Marketing | 3          |
|                             | Free or Minor Electives | 3          |
|                             | Free or Minor Electives | 3          |
|                             | Free or Minor Electives | 3          |
|                             |                         | 18         |
| <b>Total Semester Hours</b> |                         | <b>123</b> |

# Fashion Merchandising *Bachelor of Science Degree*

## Suggested Program

### FIRST SEMESTER

|           |                      |   |
|-----------|----------------------|---|
| FYS 101   | First Year Seminar   | 3 |
| ADSN 103  | 2D Design            | 3 |
| ADSN 119A | Photoshop            | 3 |
| FM 101    | Fashion Fundamentals | 3 |
| MCOM111   | Intro Mass Comm      | 3 |

### SECOND SEMESTER

|           |                                       |   |
|-----------|---------------------------------------|---|
| FM 107    | Home Furnishings or Elective          | 3 |
| FM 108    | Product Knowledge-Fashion Accessories | 3 |
| RETL 205  | Textiles I                            | 3 |
|           | Social Science Core Elect             | 3 |
| MATH C105 | Intermediate Algebra                  | 3 |

### THIRD SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| RETL 180 | Seminar in Professional Development | 3 |
| RETL 206 | Textiles II                         | 3 |
| RETL 207 | Strategies of Selling               | 3 |
| RETL 203 | Fashion & Retail Buying I           | 3 |
| RETL 280 | Industry Internship                 | 3 |

### FOURTH SEMESTER

|          |  |   |
|----------|--|---|
| ENGL 101 | Composition & Rhetoric                   | 3 |
| FM 270   | Fashion Show                             | 3 |
| RETL 201 | Retail Advertising and Fashion Promotion | 3 |
| RETL 202 | Buyers Math                              | 3 |
| HUM      | Humanities Core Elect                    | 3 |

### FIFTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| FA       | Fine Arts Core               | 3 |
| ACCT 101 | Financial Accounting         | 3 |
| RETL 300 | Mass Merchandising/Marketing | 3 |
| RETL 307 | Surface Design I             | 3 |
| MKTG 305 | Principles of Marketing      | 3 |

### SIXTH SEMESTER

|           |                               |   |
|-----------|-------------------------------|---|
| SCI       | Natural Sciences Core         | 3 |
|           | General Education Elective    | 3 |
| RETL 313  | Organizational Management     | 3 |
| ADSN 119B | Intro Cptr Apps (Illustrator) | 3 |
| CAIS 191  | (or Excel) Computer Concepts  | 3 |

### SEVENTH SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| SOSC     | Social Sciences Core            | 3 |
| SCI      | Natural Sciences Core           | 3 |
| RETL 330 | International Fashion/Marketing | 3 |
| HUM      | Humanities Elective (Core)      | 3 |
| RETL 304 | Fashion & Retail Buying II      | 3 |

### EIGHTH SEMESTER

|           |                    |   |
|-----------|--------------------|---|
| CAPS C390 | Capstone Seminar   | 3 |
| FM 303    | History of Costume | 3 |
|           | Core Elective      | 3 |
|           | Electives          | 6 |

## Program Options

### MINOR IN MASS COMMUNICATION

|         |                              |    |
|---------|------------------------------|----|
| MCOM110 | Public Communication         | 3  |
| MCOM111 | Intro Mass Comm              | 3  |
| MCOM247 | Fashion Journalism           | 3  |
| MCOM270 | Public Relations             | 3  |
| MCOM339 | Advertising and P.R.         | 3  |
| MCOM341 | Magazine and Feature Writing | 3  |
|         |                              | 18 |

### MINOR IN ART & DESIGN

|           |                               |    |
|-----------|-------------------------------|----|
| ADSN 103  | 2D Design                     | 3  |
| ADSN 119A | Intro Cptr Apps (Photoshop)   | 3  |
| ADSN 119B | Intro Cptr Apps (Illustrator) | 3  |
| ADSN 117  | Art History I                 | 3  |
| ADSN 118  | Art History II                | 3  |
| RETL 307  | Surface Design I              | 3  |
|           |                               | 18 |

### MINOR IN MARKETING

|          |                             |    |
|----------|-----------------------------|----|
| MKTG 305 | Principles of Marketing     | 3  |
| RETL 330 | International Fashion       | 3  |
|          | 300-level Marketing courses | 3  |
|          | 300-level Marketing courses | 3  |
|          | 300-level Marketing courses | 3  |
|          | 300-level Marketing courses | 3  |
|          |                             | 18 |

# Finance Bachelor of Science Degree

## Assistant Dean-Student Services:

Dr. Timothy Raynor  
Mandeville Hall: 22  
Telephone: (203) 576-4687  
Fax: (203) 576-4388  
E-mail: traynor@bridgeport.edu

*Faculty Contact:* Professor Gew-rae Kim  
Mandevill Hall, Room 6  
(203) 576-4372  
E-mail: gewraek@bridgeport.edu

## Curriculum and Program Requirements

The Bachelor of Science in Finance provides an integrated view of the theoretical and practical aspects of finance for those who are preparing for careers in financial management, financial institutions, financial markets, law, government service, and related fields.

Essential skills in problem-solving are developed with emphasis on wealth maximization. Financial problems are viewed from both their micro-financial and macro-financial aspects.

The Finance major includes the subject areas of corporate financial management, banking, and investments. The program provides an integrated view of the theoretical and practical aspects of Finance for those who are preparing for careers in financial management, financial institutions, financial markets, law, government service, and related fields.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) learn financial concepts that provide the basis for careers in finance; 2) develop the technical and analytical skills necessary for financial analysis; 3) learn how to effectively communicate financial information; and 4) understand the role of finance in an organizations' pursuit of its goals.

### ASSESSMENT

Financial concepts and technical and analytical skills are evaluated with exams, assignments, papers, cases, and projects. Students will be evaluated with a standardized finance test. Students' financial knowledge and skills also will be tested when they begin and finish the Finance program with a program specific exam.

## Summary of Requirements

### CREDITS

|                                |           |
|--------------------------------|-----------|
| General Education Requirements | 33        |
| Finance Program Requirements   | 72        |
| Free Electives                 | 15        |
|                                | <hr/> 120 |

### GENERAL EDUCATION REQUIREMENTS

|          |                        |          |
|----------|------------------------|----------|
| ENGL 101 | Composition & Rhetoric | 3        |
| FYS 101  | First Year Seminar     | 3        |
| MATH 105 | Intermediate Algebra   | 3        |
| SCI      | Natural Sciences Core  | 6        |
| HUM      | Humanities Core        | 6        |
| FA       | Fine Arts Core         | 3        |
| CAPS 390 | Capstone Seminar       | 3        |
| SOSC     | Social Sciences Core   | 6        |
|          |                        | <hr/> 42 |

### PROGRAM REQUIREMENTS

|          |                              |          |
|----------|------------------------------|----------|
| ACCT 101 | Principles of Accounting I   | 3        |
| ACCT 103 | Managerial/Cost Accounting   | 3        |
| BUAD 101 | Introduction to Business     | 3        |
| BUAD 102 | Business Communications      | 3        |
| BUAD 382 | Senior Project/Internship    | 3        |
| BLAW 251 | Business Law I               | 3        |
| CAIS 101 | Statistics                   | 3        |
| CAIS 191 | Computer Concepts            | 3        |
| CAIS 201 | Introduction to CAIS         | 3        |
| ECON 201 | Principles of Econ - Macro   | 3        |
| ECON 202 | Principles of Econ - Micro   | 3        |
| ENGL 202 | Advanced Composition         | 3        |
| FIN 209  | Managerial Finance           | 3        |
| MGMT301  | Operations Management        | 3        |
| MGMT200  | Work Force Dynamics          | 3        |
| MGMT320  | Business Planning            | 3        |
| MGMT350  | Business Policy and Strategy | 3        |
| MKTG 205 | Principles of Marketing      | 3        |
|          | Finance electives            | 18       |
|          |                              | <hr/> 51 |

### FINANCE ELECTIVES (SELECT 18 CREDITS)

|          |                                  |   |
|----------|----------------------------------|---|
| ECON 311 | Managerial Economics             | 3 |
| ECON 375 | International Business Economics | 3 |
| ECON 376 | Business Forecasting             | 3 |
| FIN 321  | Investment Principles            | 3 |
| FIN 345  | Management of Fin Institutions   | 3 |
| FIN 365  | Advanced Financial Management    | 3 |
| FIN 366  | Cases in Finance                 | 3 |
| FIN 380  | Multinational Finance            | 3 |

### FREE ELECTIVES

**Total Semester Hours** 

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120

## Suggested Program

### FIRST SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| BUAD 101 | Introduction to Business | 3 |
| ENGL 101 | Composition & Rhetoric   | 3 |
| MATH 105 | Intermediate Algebra     | 3 |
| FYS 101  | First Year Seminar       | 3 |
|          | Fine Arts                | 3 |

### SECOND SEMESTER

|          |  |   |
|----------|--|---|
| ACCT 101 | Principles of Accounting I             | 3 |
| ENGL 202 | Advanced Composition<br>(for Business) | 3 |
| CAIS 191 | Computer Concepts                      | 3 |
| SCI      | Natural Sciences Core                  | 3 |
| BUAD 102 | Business Communications                | 3 |

### THIRD SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| MGMT200  | Work Force Dynamics        | 3 |
| ECON 202 | Principles of Econ - Micro | 3 |
| SOSC     | Social Science Core        | 3 |
| SCI      | Natural Science Core       | 3 |
| ACCT 103 | Managerial Accounting      | 3 |

### FOURTH SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| ECON 201 | Principles of Econ - Macro | 3 |
| CAIS 101 | Statistics                 | 3 |
| MKTG 205 | Principles of Marketing    | 3 |
| FIN 209  | Managerial Finance         | 3 |
| SOSC     | Social Science Core        | 3 |

### FIFTH SEMESTER

|          |                       |   |
|----------|-----------------------|---|
|          | Major Elective        | 3 |
| MGMT 301 | Operations Management | 3 |
| HUM      | Humanities Core       | 3 |
|          | Free Elective         | 6 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT 320 | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

### SEVENTH SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

### EIGHTH SEMESTER

|          |                              |     |
|----------|------------------------------|-----|
| MGMT 350 | Business Policy and Strategy | 3   |
| CAPS 390 | Capstone Seminar             | 3   |
|          | Major Electives              | 6   |
|          | Free Elective                | 3   |
|          | <hr/> Total Semester Hours   | 120 |

### INTERNSHIP/CO-OP

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# General Studies *Associate in Arts Degree*

Advisor: Edward Geist  
 Charles Dana Hall  
 Telephone: (203) 576-4956  
 Fax: (203) 576-4051  
 E-mail: edwgeist@bridgeport.edu

## Curriculum and Program Requirements

The student enrolled in the Associate in Arts in General Studies program may plan a completely individual program leading to the Associate in Arts degree. There are no specific requirements for the Associate in Arts degree in General Studies except a total of 60 semester hours, a 2.0 minimum QPR, and the following course and elective requirements: English C101, Math C105, First Year Seminar, 2 additional University core courses, and 2 electives from the Humanities, Sciences, or Social Sciences.

## Learning Outcomes

By completing the program in General Studies, students will: 1) be able to communicate effectively in writing so that one may advance professionally and apply to graduate programs; 2) be able to comprehend, analyze, and interpret texts in a variety of disciplines; 3) be able to present orally one's own thoughts and plans; 4) be able to recognize a problem and devise a plan of action to solve it; 5) be able to show mastery of several disciplines within an academic area of concentration; and 6) demonstrate an ethical mind-set and exercise professional responsibility in a global context.

## Summary of Requirements

|                                       |                        |           |
|---------------------------------------|------------------------|-----------|
| <b>PROGRAM REQUIREMENTS</b>           |                        |           |
| Electives                             |                        | 39        |
| <b>GENERAL EDUCATION REQUIREMENTS</b> |                        |           |
| ENGL C101                             | Composition & Rhetoric | 3         |
| MATH C105                             | Intermediate Algebra   | 3         |
| FYS 101                               | First Year Seminar     | 3         |
|                                       | Liberal Arts Electives | 6         |
|                                       | Core Electives         | 6         |
|                                       |                        | <b>21</b> |
| <b>Total Semester Hours</b>           |                        | <b>60</b> |

## Suggested Program

|                             |                        |           |
|-----------------------------|------------------------|-----------|
| <b>FIRST SEMESTER</b>       |                        |           |
| ENGL C101                   | Composition & Rhetoric | 3         |
| MATH C105                   | Intermediate Algebra   | 3         |
| FYS 101                     | First Year Seminar     | 3         |
|                             | Electives              | 6         |
| <b>SECOND SEMESTER</b>      |                        |           |
|                             | Core Elective          | 3         |
|                             | Liberal Arts Elective  | 3         |
|                             | Electives              | 9         |
| <b>THIRD SEMESTER</b>       |                        |           |
|                             | Core Elective          | 3         |
|                             | Electives              | 12        |
| <b>FOURTH SEMESTER</b>      |                        |           |
|                             | Liberal Arts Elective  | 3         |
|                             | Electives              | 12        |
| <b>Total Semester Hours</b> |                        | <b>60</b> |

# General Studies *Associate in Science Degree*

Advisor: Edward Geist  
 Charles Dana Hall  
 Telephone: (203) 576-4956  
 Fax: (203) 576-4051  
 E-mail: edwgeist@bridgeport.edu

## Curriculum and Program Requirements

The student enrolled in the Associate in Science in General Studies program may plan a completely individual program leading to the Associate in Science degree. There are no specific requirements for the Associate in Sciences degree in General Studies except a total of 60 semester hours, a 2.0 minimum Q.P.R, and the following specific course and elective requirements: English C101, Math C105, First Year Seminar, 2 additional University Core courses, and 2 electives from the Humanities, Sciences, or Social Sciences. In addition, a minimum of 24 semester hours in Mathematics and Science is required.

## Learning Outcomes

By completing the program in General Studies, students will: 1) be able to communicate effectively in writing so that one may advance professionally and apply to graduate programs; 2) be able to comprehend, analyze, and interpret texts in a variety of disciplines; 3) be able to present orally one's own thoughts and plans; 4) be able to recognize a problem and devise a plan of action to solve it; 5) be able to show mastery of several disciplines within an academic area of concentration; and 6) demonstrate an ethical mind-set and exercise professional responsibility in a global context.

## Summary of Requirements

|                             |  |           |
|-----------------------------|--|-----------|
| <b>PROGRAM REQUIREMENTS</b> |  |           |
| Math and Science Electives  |  | 24        |
| Elective Semester Hours     |  | 15        |
|                             |  | <b>39</b> |

|                                       |                        |           |
|---------------------------------------|------------------------|-----------|
| <b>GENERAL EDUCATION REQUIREMENTS</b> |                        |           |
| ENGL C101                             | Composition & Rhetoric | 3         |
| MATH C105                             | Intermediate Algebra   | 3         |
| FYS 101                               | First Year Seminar     | 3         |
|                                       | Core Electives         | 6         |
|                                       | Liberal Arts Electives | 6         |
|                                       |                        | <b>21</b> |
| <b>Total Semester Hours</b>           |                        | <b>60</b> |

## Suggested Program

|                             |                        |           |
|-----------------------------|------------------------|-----------|
| <b>FIRST SEMESTER</b>       |                        |           |
| ENGL C101                   | Composition & Rhetoric | 3         |
| MATH C105                   | Intermediate Algebra   | 3         |
|                             | Math/Science Elective  | 3         |
| FYS 101                     | First Year Seminar     | 3         |
|                             | Elective               | 3         |
| <b>SECOND SEMESTER</b>      |                        |           |
|                             | Core Elective          | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Elective               | 3         |
| <b>THIRD SEMESTER</b>       |                        |           |
|                             | Core Elective          | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Liberal Arts Elective  | 3         |
|                             | Elective               | 3         |
| <b>FOURTH SEMESTER</b>      |                        |           |
|                             | Math/Science Elective  | 3         |
|                             | Math/Science Elective  | 3         |
|                             | Liberal Arts Elective  | 3         |
|                             | Electives              | 6         |
| <b>Total Semester Hours</b> |                        | <b>60</b> |

# General Studies *Bachelor of Science Degree*

Advisor: Edward Geist  
Charles Dana Hall  
Telephone: (203) 576-4956  
Fax: (203) 576-4051  
E-mail: edwgeist@bridgeport.edu

## Curriculum and Program Requirements

The Bachelor of Science degree in General Studies is for the student who wishes great flexibility in pursuing college work as well as for the student with well defined goals. The candidate for the B.S. Program will "custom-make" his or her course of study, which may include interdisciplinary work that does not fit well into conventional degree programs. Planning and revision of the programs will be done with a faculty advisor. Many graduates holding this degree have been accepted for advanced work by other institutions. However, since graduate school admissions policies vary greatly depending upon the program and institution, students contemplating graduate study should inform themselves of such requirements.

## Degree Requirements

1. A minimum of 120 hours with minimum cumulative quality point ratio of 2.00.
2. The student must have an area of concentration with a minimum of 30 semester hours (no maximum), in one of the following areas: Business Studies; Humanities; Natural Science/Mathematics; Science, Engineering, or Computer Related Fields; and Social Sciences. Students may also elect a second area of concentration. A grade of "C" or above is required in all courses used to fulfill this requirement. No more than four 100 level courses can be counted in an area of concentration.
3. At least half of the semester hours to be counted in the area of concentration must be completed at the University of Bridgeport.
4. Students may not take core courses or courses counting in an area of concentration or a minor on a pass/fail basis. The University policy on pass/fail courses limits this option to a maximum of six courses (two courses per semester) during a student's academic career, for free electives only.
5. General Studies majors may include one or more minors in their programs. Courses

used to fulfill requirements for a minor may not be counted in an area of concentration.

## Learning Outcomes

By completing the program in General Studies, students will: 1) be able to communicate effectively in writing so that one may advance professionally and apply to graduate programs; 2) be able to comprehend, analyze, and interpret texts in a variety of disciplines; 3) be able to present orally one's own thoughts and plans; 4) be able to recognize a problem and devise a plan of action to solve it; 5) be able to show mastery of several disciplines within an academic area of concentration; and 6) demonstrate an ethical mind-set and exercise professional responsibility in a global context.

## Summary of Requirements

### PROGRAM REQUIREMENT \_\_\_\_\_

Approved Area of Concentration for the B.S. within Divisions. A minimum of 30 semester hours is required in one of the following categories (see item 2 under degree requirements):

#### BUSINESS STUDIES \_\_\_\_\_

All Accounting  
All Business Law  
All Computer Applications and Information Systems  
All Economics  
All Finance  
All International Business  
All Management  
All Marketing

#### HUMANITIES \_\_\_\_\_

All Art History  
All Art of the Cinema and History of the Cinema  
All History  
All Literature and Linguistics\*  
Music Appreciation (Music 121 OR 122) and all History of Music  
All Philosophy  
All Religion  
All Theatre History (includes Theatre Arts 103)

*\*Writing and composition courses in English and conversation, composition, and introductory courses in languages (101-104) MAY NOT be used to meet requirements in this category*

#### NATURAL SCIENCES/MATHEMATICS \_\_\_\_\_

Biology  
Chemistry  
Geology  
Mathematics (exception: Math 200)  
Physics (including Astronomy)  
Science

### SCIENCE, ENGINEERING, OR COMPUTER RELATED FIELD \_\_\_\_\_

All Computer Engineering  
All Computer Sciences  
All Chemistry  
All Electrical Engineering  
All Management Engineering  
All Mathematics (except Math 200)  
All Mechanical Engineering  
All Physics

### SOCIAL SCIENCES \_\_\_\_\_

All Economics  
All History  
All Political Science  
All Psychology  
All Religion  
All Sociology

### GENERAL EDUCATION REQUIREMENTS \_\_\_\_\_

|             |                              |   |
|-------------|------------------------------|---|
| ENGL C101   | Composition & Rhetoric       | 3 |
| MATH 105 or | Demonstrated Math Competency | 3 |
| FYS 101     | First Year Seminar           | 3 |
| FA          | Fine Arts Core               | 3 |
| HUM         | Humanities Core              | 6 |
| SCI         | Natural Sciences Core        | 6 |
| SOSC        | Social Sciences Core         | 6 |
| CAPS C390   | Capstone Seminar             | 3 |
|             | Liberal Arts Requirements    | 9 |

**42**

**Total Semester Hours \_\_\_\_\_ 120**

# Graphic Design Bachelor of Fine Arts Degree

*Chair:* Emily Larned  
 Arnold Bernhard Center, Room 704  
 Telephone: (203) 576-4316  
 Fax: (203) 576-4042  
 Email: elarned@bridgeport.edu

## Curriculum and Program Requirements

The four year Graphic Design curriculum consists of an integrated, interdisciplinary sequence that is designed (i) to stimulate creativity by encouraging imagination and conceptualization, (ii) to strengthen communication by instilling ways of thinking, analyzing and responding to problems and (iii) to provide the essential technical and technological skills as well as the general knowledge to enable students to work effectively in any branch of Design.

Design majors begin their studies with foundation courses in two- and three-dimensional design, drawing, digital photography, and computer applications, as well as background courses in arts and design history. Beginning in the foundation year, students learn to analyze each other's ideas, and are trained to present their own to maximum effect.

Students are introduced to the theory and practice of mass communication and advertising, and are encouraged to undertake further study in the cultural and social background of modern times. The program's emphasis is placed on the four-course Design Studio sequence, which acquaints students with ever more sophisticated technologies while applying the design processes to real-world community projects, creating a meaningful portfolio. Internships, cooperative work arrangements, and special projects are available to qualified students.

## Learning Outcomes

1. Demonstrate ability to identify, analyze, and solve design problems. Assessment: Portfolio projects and project research.
2. Demonstrate mastery of design tools, techniques, and concepts in design. Assessment: Projects and portfolios that evidence craftsmanship and adherence to project parameters.
3. Demonstrate an understanding of the aesthetics of form development, and of the history and current state of design. Assessment:

Projects, papers, and presentations for art and design history courses; in studio courses, projects that appropriately reference historical precedents.

4. Demonstrate proficiency in selection and use of relevant technologies in design. Abilities to use available technical and industrial processes to produce a design product, and to design and implement such a process. Assessment: Project and portfolio materials planned to be feasibly reproducible by industrial means rather than by one-off or by hand.

5. Demonstrate an understanding of the cultural and societal connections linking design trends and processes as well as a knowledge of business practices and of the market place. Assessment: Projects and portfolio solutions that are culturally- and audience-appropriate for the problem as posed by the business and market briefs for the project.

## Summary of Requirements

### PROGRAM REQUIREMENTS

#### ART & DESIGN FOUNDATION COURSES

|          |                                   |   |
|----------|-----------------------------------|---|
| ADSN 103 | 2-D Design Principles             | 3 |
| ADSN 105 | Drawing Fundamentals I            | 3 |
| ADSN 106 | Drawing Fundamentals II           | 3 |
| ADSN 108 | 3-D Design Principles             | 3 |
| ADSN 117 | Survey of Art History I           | 3 |
| ADSN 118 | Survey Art History II             | 3 |
| ADSN 119 | Intro to Computer Applications I  | 3 |
| ADSN 120 | Intro to Computer Applications II | 3 |
| ADSN 225 | Web Applications                  | 3 |
| ADSN 231 | Photography I                     | 3 |

**Total Semester Hours Required** **30**

#### MAJOR REQUIREMENTS

Courses from this list are applied to the major:

|          |                                |   |
|----------|--------------------------------|---|
| GDSN 203 | Typography                     | 3 |
| GDSN 304 | Business Practices             | 3 |
| GDSN 212 | Intro to Visual Semiotics      | 3 |
| GDSN 255 | Studio I                       | 3 |
| GDSN 256 | Studio II                      | 3 |
| GDSN 305 | Studio III                     | 3 |
| GDSN 306 | Studio IV                      | 3 |
| GDSN 355 | Studio V: Thesis/Portfolio I   | 3 |
| GDSN 356 | Studio VI: Thesis/Portfolio II | 3 |
| ADSN 377 | History of Modern Design       | 3 |
| ADSN 379 | History of Graphic Design      | 3 |

**Total Semester Hours Required** **33**

#### DESIGN ELECTIVES

|               |                           |     |
|---------------|---------------------------|-----|
| ADSN 209/210  | Painting I/II             | 3   |
| ADSN 230      | Video I                   | 3   |
| ADSN 357A     | Maya                      | 3   |
| GDSN 203B     | Type Design               | 3   |
| GDSN 204      | Calligraphy & Letterforms | 3   |
| GDSN 425      | Design Service            | 3   |
| GDSN 398/399  | Internship/Ind Study      | 2-6 |
| ILLUS 305/306 | Illustration Studio I/II  | 3   |

**Total Semester Hours Required** **21-27**

#### GENERAL EDUCATION REQUIREMENTS

|           |                        |   |
|-----------|------------------------|---|
| ENGL C101 | Composition & Rhetoric | 3 |
| MATH C105 | Intermediate Algebra   | 3 |
| HUM       | Humanities Core        | 6 |
| SOSC      | Social Sciences Core   | 6 |
| SCI       | Natural Sciences Core  | 6 |
| FYS 101   | First Year Seminar     | 3 |
| CAPS C390 | Capstone Seminar       | 3 |

**Total Semester Hours Required** **30**

#### GENERAL EDUCATION ELECTIVES

|          |                              |   |
|----------|------------------------------|---|
| MCOM 111 | Intro Mass Communication     | 3 |
| MCOM 220 | Intro to Advertising         | 3 |
| MCOM 339 | PR and Advertising Campaigns | 3 |
|          | Liberal Arts Electives       | 3 |

**12**

**Total Semester Hours Required** **126-132**

#### Concentration in New Media

(contact an advisor for more information)

|          |   |   |
|----------|---|---|
| MCOM 111 | Intro to Mass Communication                           | 3 |
| MCOM 242 | Intro to New Media                                    | 3 |
| MCOM 218 | Media Aesthetics                                      | 3 |
| MCOM 262 | Writing for Interactive Media                         | 3 |
| MCOM 272 | Creating Digital Video<br>(Intro to time-Based Media) | 3 |
| ENGL 332 | New Styles/Storytelling                               | 3 |
| MCOM 342 | Digital Project Management                            | 3 |
| MCOM 344 | Creating Advertising for Media                        | 3 |
| MCOM 352 | Advanced Web Publishing                               | 3 |
| MCOM 372 | Advanced Digital Video Creation                       | 3 |

**Total Semester Hours Required** **30**

## Suggested Program

#### FIRST SEMESTER

|          |                                  |   |
|----------|----------------------------------|---|
| FYS 101  | First Year Seminar               | 3 |
| ADSN 117 | Survey of Art History I          | 3 |
| ADSN 103 | 2-D Design Principles            | 3 |
| ADSN 105 | Drawing I                        | 3 |
| ADSN 119 | Intro to Computer Applications I | 3 |

# Graphic Design *Bachelor of Fine Arts Degree*

## SECOND SEMESTER

---

|           |                                   |   |
|-----------|-----------------------------------|---|
| ENGL C101 | Composition & Rhetoric            |   |
| MATH C105 | Intermediate Algebra              | 3 |
| ADSN 118  | Survey of Art History II          | 3 |
| ADSN 120  | Intro to Computer Applications II | 3 |
| ADSN 106  | Drawing II                        | 3 |
| ADSN 108  | 3-D Design Principles             | 3 |

## THIRD SEMESTER

---

|          |                                     |   |
|----------|-------------------------------------|---|
| SOSC     | Social Sciences Core                | 3 |
| HUM      | Humanities Core                     | 3 |
| GDSN 204 | Calligraphy & Letterforms           | 3 |
| ILLUS    | Illustration I                      | 3 |
| GDSN 255 | Studio I                            | 3 |
| MCOM 111 | Introduction to Mass Communications | 3 |

## FOURTH SEMESTER

---

|          |                           |   |
|----------|---------------------------|---|
| SOSC     | Social Sciences Core      | 3 |
| ADSN 379 | History of Graphic Design | 3 |
| ADSN 231 | Photography               | 3 |
| GDSN 256 | Studio II                 | 3 |
| ADSN 203 | Typography                | 3 |

## FIFTH SEMESTER

---

|          |                           |   |
|----------|---------------------------|---|
| SCI      | Natural Sciences Core     | 3 |
| ADSN 377 | History of Modern Design  | 3 |
| ADSN 225 | Intro to Web Applications | 3 |
| ADSN 230 | Video I                   | 3 |
| GDSN 305 | Studio III                | 3 |

## SIXTH SEMESTER

---

|          |                             |   |
|----------|-----------------------------|---|
| SCI      | Natural Sciences Core       | 3 |
| MCOM 220 | Introduction to Advertising | 3 |
| HUM      | Humanities Core             | 3 |
| GDSN 306 | Studio IV                   | 3 |
| GDSN 212 | Intro to Visual Semiotics   | 3 |
|          | Electives                   | 3 |

## SEVENTH SEMESTER

---

|           |                              |   |
|-----------|------------------------------|---|
| CAPS C390 | Capstone Seminar (Core)      | 3 |
| GDSN 355  | Studio V: Thesis/Portfolio I | 3 |
| MCOM 339  | PR and Advertising Campaigns | 3 |
| ADSN 399  | Independent Study            | 3 |
|           | Electives                    | 3 |

## EIGHTH SEMESTER

---

|          |                                |   |
|----------|--------------------------------|---|
| ADSN 304 | Business Practices             | 3 |
| GDSN 356 | Studio VI: Thesis/Portfolio II | 3 |
| ADSN 398 | Internship/Practicum           | 3 |
|          | Electives                      | 6 |

**Total Semester Hours** \_\_\_\_\_ **126**



# Health Science *Bachelor of Science Degree*

*Chair:* Wayne Aguiar  
Charles Dana Hall, Room 151  
Telephone: (203) 576-4268  
Fax: (203) 576-4262  
Email: waguair@bridgeport.edu

## Curriculum and Program Requirements

The B.S. in Health Sciences program prepares students for application to professional programs in the health sciences. Such programs range from medical school and physician assistant programs, to programs in chiropractic and naturopathic medicine, as well as nutrition, acupuncture, and pharmacy. Many of these career options can be pursued in the University's professional programs.

The program offers tracks (concentrations) in community health education, exercise and fitness, and nutrition for students who desire to enter these fields at the entry level.

The program affords this range of options primarily through a liberal arts orientation toward these professions. Thus, all students take a foundation of common courses in biology, chemistry, physics, and mathematics, as well as special general education courses such as biological psychology and healthcare ethics.

A primary conviction of the program is that one of the most pressing challenges of the twenty-first century is to provide adequate healthcare to the growing and aging population. Whether students prepare for professional school application and admission, or entry level opportunities, all are encouraged to develop a philosophy of care consistent with the University's mission.

## Admissions Requirements

A student is admitted to the majors in Arts and Sciences after an evaluation of the high school transcript, counselor recommendations, and SAT/ACT scores and has demonstrated potential in analytical reasoning, comprehension, verbal expression and intellectual growth.... Students who perform well in the Biology and Mathematics programs [thus also Health Sciences] are generally found to have met the following criteria:

1. SAT scores of 530 verbal and 560 math, or composite ACT score of 22.
2. Grade point average of B (2.5) or better.
3. Rank in the top half of the high school graduating class.
4. Four years of mathematics; two lab sciences and an additional science unit in high school.

At the discretion of the Admissions Committee, students who meet two of these standards can be admitted into the major.

## Learning Outcomes

As a result of completing the B.S. in Health Sciences, graduates will be able to apply principles of health and wellness as a life-long process of learning grounded in the study of basic sciences and the behavioral arts. The students will:

- understand fundamental biological, chemical, and physical properties underlying life systems
- be able to gather and analyze research data and make inferences based on the data
- be aware of professional, ethical, and privacy issues that are pertinent to careers in the health sciences
- **Exercise and Fitness** students will understand the relationship between exercise and wellness maintenance and be skilled at developing appropriate fitness programs for diverse populations.
- **Nutrition** students will understand principles of human nutrition and the relationship to health and wellness using evidence based strategies.
- **Community health education** students will understand principles to help people assume more responsibility for their health and well being through educational development, implementation and evaluation of community health programs.
- **Pre-professional** students will be broadly prepared to enter professional schools and to successfully meet school admissions criteria.

## GENERAL EDUCATION REQUIREMENTS

The following General Education courses are required of all Health Science concentrations:

|               |                            |   |
|---------------|----------------------------|---|
| ENGL 101      | English Composition        | 3 |
| FYS 101       | First Year Seminar         | 3 |
| PHIL 110      | Healthcare Ethics          | 3 |
| PSYC 103      | Introduction to Psychology | 3 |
| MATH 105      | Intermediate Algebra       | 3 |
| BIOL 113      | Anatomy and Physiology I   | 4 |
| HUM           | Humanities Core            | 3 |
| SOSC          | Social Science Core        | 3 |
| FA            | Fine Arts Core             | 3 |
| MATH 203/203B | Statistics/Biostatistics   | 4 |
| CAPS 390      | Capstone Seminar           | 3 |

**Total Semester Hours Required** 35

## Concentration Requirements & Suggested Programs

Each concentration requires specific additional courses.

## PRE-PROFESSIONAL AND TRACK-SPECIFIC COURSE REQUIREMENTS

In addition to the requirements above, the pre-professional advisement sequence and specific tracks require additional General Education and Track-Specific courses:

## PRE-PROFESSIONAL CORE

|          |                           |    |
|----------|---------------------------|----|
| ENGL 102 | Intro to Literature       | 3  |
| BIOL 100 | Biology Study Skills      | 3  |
| BIOL 102 | Cell-Molecular Biology    | 4  |
| BIOL 106 | Microbiology              | 4  |
| BIOL 114 | Anatomy and Physiology II | 4  |
| MATH 109 | Pre-Calculus              | 3  |
| CHEM 103 | General Chemistry I       | 4  |
| CHEM 104 | General Chemistry II      | 4  |
| BIOL 307 | Genetics                  | 3  |
| CHEM 205 | Organic Chemistry I       | 4  |
| CHEM 206 | Organic Chemistry II      | 4  |
| CHEM 360 | Biochemistry              | 4  |
| PHYS 201 | General Physics           | 3  |
|          | HSCI Electives            | 10 |

**Total Semester Hours Required** 57

# Health Science Bachelor of Science Degree

## ALL PHASES OF PRE-PROFESSIONAL STUDY ARE CUSTOMIZED WITH COURSES THAT MEET THE STUDENT'S NEEDS FOR PROFESSIONAL PROGRAMS IN THE HEALTH SCIENCES

### COMMUNITY HEALTH EDUCATION TRACK

|                               |  |    |
|-------------------------------|--|----|
| BIOL 106                      | Microbiology                           | 4  |
| BIOL 114                      | Anatomy and Physiology II              | 4  |
| CHEM 113                      | Introduction to Chemistry              | 4  |
| CHEM 114                      | Introduction to Biochemistry           | 4  |
| PSYC 321                      | Research Methods                       | 3  |
| ACCT 101                      | Principles of Accounting               | 3  |
| HSCI 240                      | Theory of Community Health Education   | 3  |
| HSCI 255                      | Community Health Planning & Evaluation | 3  |
| HSCI 280                      | Community Health Promotion             | 3  |
| HSCI 330                      | Health Care Administration             | 3  |
| HSCI 326                      | Health Policy and Management           | 3  |
| HSCI 455                      | Health Sciences Senior Project         | 3  |
| HSCI 385                      | Community Health Internship            | 3  |
| HSCI                          | Electives                              | 12 |
|                               | Electives                              | 12 |
| Total Semester Hours Required |  | 67 |
| Total                         | 120                                    |    |

### SUGGESTED PROGRAM – COMMUNITY HEALTH EDUCATION

#### FRESHMAN YEAR

#### FALL SEMESER

|              |                             |    |
|--------------|-----------------------------|----|
| ENG 101      | English Composition         | 3  |
| FYS 101      | First Year Seminar          | 3  |
| PSYC 103     | Intro to Psychology (SS)    | 3  |
| MATH 105     | Intermediate Algebra        | 3  |
| HSCI 101     | Seminar in Health Care Prof | 1  |
| HSCI 201     | Medical Terminology         | 1  |
| Total Hours: |                             | 14 |

#### SPRING SEMESTER

|              |                            |         |
|--------------|----------------------------|---------|
| PHIL 110     | Health Care Ethics (HUM)   | 3       |
| FA C101      | Fine Arts                  | 3       |
| ACCT 101     | Principles of Accounting   | 3       |
| NUTR 205     | Fundamentals of Nutrition  | 3       |
| HSCI 250     | Intro to Community Health  | 3       |
| HSCI 102     | Current Topics in Hlth Sci | 1       |
| Total Hours: |                            | 16 (30) |

#### SOPHOMORE YEAR

#### FALL SEMESER

|              |                           |         |
|--------------|---------------------------|---------|
| BIO 113      | Anat & Physiology I       | 4       |
| SOSC         | Social Sciences Core      | 3       |
| HUM C201     | Humanities Core           | 3       |
| HSCI 260     | Intro to Exercise Science | 3       |
| HSCI 240     | Theory of Comm Hlth Educ  | 3       |
| Total Hours: |                           | 16 (46) |

#### SPRING SEMESTER

|              |                          |         |
|--------------|--------------------------|---------|
| BIO 114      | Anat & Physiology II     | 4       |
| BIOL 106     | Microbiology             | 4       |
| HSCI 255     | Comm Hlth Plan & Eval    | 3       |
| HSCI 280     | Community Hlth Promotion | 3       |
| HSCI 240     | Theory of Comm Hlth Educ | 3       |
| Total Hours: |                          | 17 (63) |

#### JUNIOR YEAR

#### FALL SEMESTER

|              |                          |         |
|--------------|--------------------------|---------|
| CHEM 113     | Intro to Chemistry       | 4       |
| MATH 203/B   | Statistics/Biostatistics | 4       |
| HSCI 330     | Health Care Admin        | 3       |
|              | Elective                 | 3       |
| Total Hours: |                          | 14 (77) |

#### SPRING SEMESTER

|              |                          |         |
|--------------|--------------------------|---------|
| CHEM 114     | Intro to Biochemistry    | 4       |
| HSCI 326     | Health Policy & Mgmt     | 3       |
| HSCI 365     | Epidemiology for HS Prof | 3       |
| PSYC 321     | Research Methods         | 3       |
|              | Elective                 | 3       |
| Total Hours: |                          | 16 (93) |

#### SENIOR YEAR

#### FALL SEMESTER

|              |                            |          |
|--------------|----------------------------|----------|
| HSCI 401     | Health Sciences Info Lit   | 3        |
| HSCI 455     | Health Sciences Sr Project | 3        |
| HSCI         | Elective                   | 3        |
| HSCI         | Elective                   | 3        |
|              | Elective                   | 3        |
| Total Hours: |                            | 15 (108) |

#### SPRING SEMESTER

|              |                         |          |
|--------------|-------------------------|----------|
| HSCI 385     | Community Health Intern | 3        |
| CAPS C390    | Capstone                | 3        |
| HSCI         | Elective                | 3        |
| HSCI         | Elective                | 3        |
| Total Hours: |                         | 12 (120) |

#### EXERCISE AND FITNESS CONCENTRATION

|          |  |   |
|----------|--|---|
| BIOL 100 | Biology Study Skills                   | 3 |
| BIOL 102 | Cellular Molecular Biology             | 4 |
| CHEM 113 | General Chemistry I                    | 4 |
| CHEM 114 | General Chemistry II                   | 4 |
| PHYS 201 | General Physics                        | 4 |
| PSYC 355 | Sports Psychology                      | 3 |
| HSCI 301 | Intro to Exercise Science              | 3 |
| HSCI 321 | Exercise Physiology                    | 4 |
| HSCI 331 | Kinesiology                            | 3 |
| HSCI 341 | Strength and Conditioning              | 3 |
| HSCI 351 | Fitness & Wellness                     | 3 |
|          | Program Development                    | 3 |
| HSCI 471 | Exercise Nutrition                     | 3 |
| PSYC 355 | Sports Psychology                      | 3 |
| HSCI 401 | Health Sciences Information Literature | 3 |

|                                    |                    |     |
|------------------------------------|--------------------|-----|
| HSCI 361                           | Fitness Assessment | 3   |
| HSCI 381                           | Internship         | 3   |
| HSCI                               | Electives          | 9   |
| SCI                                | Electives          | 6   |
| Exercise and Fitness Concentration |                    | 67  |
| Total                              |                    | 120 |

### SUGGESTED PROGRAM – EXERCISE AND FITNESS CONCENTRATION

#### FRESHMAN YEAR

#### FALL SEMESTER

|           |                                    |   |
|-----------|------------------------------------|---|
| BIOL 100  | Biology Study Skills               | 3 |
| MATH 105  | Intermediate Algebra               | 3 |
| HSCII 201 | Medical Terminology                | 1 |
| ENGL 101  | English Composition                | 3 |
| FYS 101   | First Year Seminar                 | 3 |
| HSCI 101  | Seminar in Health Care Professions | 1 |

**Total Semester Hours Required** 14

#### SPRING SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| PHIL 110 | Healthcare Ethics          | 3 |
| NUTR 205 | Fundamentals of Nutrition  | 3 |
| HSCI 260 | Intro to Exercise Science  | 3 |
| BIOL 102 | Cellular Molecular Biology | 4 |
| PSYC 103 | Intro to Psychology        | 3 |

**Total Semester Hours Required** 16

#### SOPHOMORE YEAR

#### FALL SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| CHEM 113 | General Chemistry I       | 4 |
| BIOL 113 | Anatomy & Physiology I    | 4 |
| HSCI 250 | Intro to Community Health | 3 |
| MATH 203 | Statistics                | 3 |
| HSCI 201 | Medical Technology        | 1 |

**Total Semester Hours Required** 15

#### SPRING SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| HSCI 321  | Exercise Science A&P     | 4 |
| CHEM 114  | General Chemistry II     | 4 |
| PHYS 201  | General Physics          | 4 |
| HSCI 365  | Epidemiology for HS Prof | 3 |
| MATH 203B | Biostatistics Lab        | 1 |

**Total Semester Hours Required** 16

#### JUNIOR YEAR

#### FALL SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| HSCI 325 | Exercise Physiology       | 4 |
| HSCI 361 | Fitness Assessment        | 3 |
| PSYC 355 | Sports Psychology         | 3 |
| HSCI 331 | Kinesiology               | 3 |
| HSCI 401 | HS Information Literature | 3 |

**Total Semester Hours Required** 16

# Health Science *Bachelor of Science Degree*

## SPRING SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| HSCI 341 | Strength and Conditioning | 3 |
| HSCI 351 | Fitness & Wellness        |   |
|          | Program Development       | 3 |
| HSCI 301 | Biomechanics              | 4 |
| FA Core  | Fine Arts Core            | 3 |

**Total Semester Hours Required** 13

## SENIOR YEAR

### FALL SEMESTER

|          |                         |   |
|----------|-------------------------|---|
| HSCI 381 | Internship              | 3 |
| CAPS 390 | Capstone Senior Seminar | 3 |
|          | Science or HS Elective  | 6 |
| HSCI 471 | Exercise Nutrition      | 3 |

**Total Semester Hours Required** 15

### SPRING SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| PSYC 321 | Research Methods         | 3 |
| SCI      | Elective                 | 3 |
| HSCI     | Electives                | 6 |
| HUM Core | Humanities Core Elective | 3 |

**Total Semester Hours Required** 15

### NUTRITION CONCENTRATION

|          |                                 |   |
|----------|---------------------------------|---|
| ACCT 101 | Principles of Accounting        | 3 |
| BIOL 100 | Biology Study Skills            | 3 |
| BIOL 102 | Cellular Molecular Biology      | 4 |
| BIOL 106 | Microbiology                    | 3 |
| BIOL 114 | Anatomy & Physiology II         | 4 |
| CHEM 113 | Introduction to Chemistry       | 4 |
| CHEM 114 | Introduction to Biochemistry    | 4 |
| PSYC 321 | Research Methods                | 3 |
| HUM      | Core Humanities Elect           | 3 |
| HSCI 320 | Food Sanitation                 | 3 |
| HSCI 345 | Comparative Diet Strategies     | 3 |
| HSCI 350 | Community Nutrition             | 3 |
| HSCI 351 | Fitness & Wellness              |   |
|          | Program Development             | 3 |
| HSCI 370 | Clinical Herbolology and Botany | 3 |
| HSCI 380 | Nutrition Internship            | 3 |
| HSCI 420 | Food Service Management         | 3 |
| HSCI 460 | Vitamins and Minerals           | 3 |
| HSCI     | Electives                       | 6 |
| SCI      | Electives                       | 6 |

Nutrition Concentration **68**

Total **120**

### Suggested Program – Nutrition Concentration

#### FRESHMAN YEAR

##### FALL SEMESTER

|          |                                    |   |
|----------|------------------------------------|---|
| ENGL 101 | English Composition                | 3 |
| FYS 101  | First Year Seminar                 | 3 |
| HSCI 101 | Seminar in Health Care Professions | 1 |
| BIOL 100 | Biology Study Skills               | 3 |
| MATH 105 | Intermediate Algebra               | 3 |
| HSCI 201 | Medical Terminology                | 1 |

**Total Semester Hours Required** 15

## SPRING SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| PHIL 110 | Healthcare Ethics          | 3 |
| NUTR 205 | Fundamentals of Nutrition  | 3 |
| ACCT 101 | Prin of Accounting         | 3 |
| PSYC 103 | Intro to Psychology        | 3 |
| BIOL 102 | Cellular Molecular Biology | 4 |
| HSCI 102 | Current Topics in HS       | 1 |

**Total Semester Hours Required** 17

## SOPHOMORE YEAR

### FALL SEMESTER

|          |                        |   |
|----------|------------------------|---|
| BIOL 113 | Anatomy & Physiology I | 4 |
| CHEM 113 | Intro to Chemistry I   | 4 |
| MATH 203 | Statistics             | 3 |
| HSCI 250 | Intro to Public Health | 3 |
| FA       | Fine Arts Core         | 3 |

**Total Semester Hours Required** 15

### SPRING SEMESTER

|           |                             |   |
|-----------|-----------------------------|---|
| CHEM 114  | Intro to Biochemistry       | 4 |
| BIOL 114  | Anat & Physiology II        | 4 |
| HSCI 260  | Intro to Exercise Science   | 3 |
| HSCI 345  | Comparative Diet Strategies | 3 |
| MATH 203B | Biostatistics Lab           | 1 |

**Total Semester Hours Required** 15

## JUNIOR YEAR

### FALL SEMESTER

|          |                               |   |
|----------|-------------------------------|---|
| HSCI 370 | Clinical Herbolology & Botany | 3 |
| HUM      | Humanities Core               | 3 |
| BIOL 106 | Intro to Microbiology         | 4 |
| PSYC 321 | Research Methods              | 3 |
| SOSC     | Social Science Core           | 3 |

**Total Semester Hours Required** 16

### SPRING SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| HSCI 320 | Food Safety & Sanitation | 3 |
| HSCI 350 | Community Nutrition      | 3 |
| HSCI 351 | Fitness & Wellness       |   |
|          | Program Development      | 3 |
| HSCI 365 | Epidemiology for HS Prof | 3 |
| HSCI     | Elective                 | 3 |

**Total Semester Hours Required** 15

## SENIOR YEAR

### FALL SEMESTER

|             |                         |   |
|-------------|-------------------------|---|
| HSCI 420    | Food Service Management | 3 |
| HSCI 460    | Vitamins and Minerals   | 3 |
| HSCI or SCI | Elective                | 3 |
| HSCI        | Elective                | 3 |
| HUM         | Humanities Core         | 3 |

**Total Semester Hours Required** 15

## SPRING SEMESTER

|             |                           |   |
|-------------|---------------------------|---|
| CAPS 390    | Capstone Senior Seminar   | 3 |
| HSCI 380    | Nutrition Internship      | 3 |
| HSCI 401    | HS Information Literature | 3 |
| HSCI or SCI | Elective                  | 3 |

**Total Semester Hours Required** 12

# Human Services Bachelor of Science Degree

*Coordinator:* Donna Phillips  
Charles A. Dana Hall  
Telephone: (203) 576-4171  
Fax: (203) 576-4171  
E-mail: dphil@bridgeport.edu

## Curriculum and Program Requirements

The Human Services Program is designed to provide the academic and practical experience necessary to enter the field of human services upon completion of the degree. The combination of academic theoretical coursework and its application through supervised field work experience provides students with the breadth of preparation necessary for employment in a wide range of human service agencies and community organizations. Students have the opportunity to enhance their programs with minors in such fields as Education, Business and Social Sciences. Stimulating courses are taught by experienced faculty who are current practitioners as well as active researchers.

## Learning Outcomes

By completing the B.S. in Human Services, students will: 1) be knowledgeable of the history and systems of the Human Services field; 2) be skillful at program assessment, planning, and development; 3) be able to find, use, manage, and protect information effectively; 4) be effective at oral and written communication; 5) be adept at program administration and leadership; 6) be committed to ethical practices; and 7) be respectful of client values and attitudes.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|             |  |   |
|-------------|--|---|
| HUSV 110    | Alcohol and other Drugs In Society           | 3 |
| HUSV 201    | Introduction to Counseling                   | 3 |
| HUSV 203    | Introduction to Human Services               | 3 |
| HUSV 205    | Couns Mthds for Spec Populations             | 3 |
| HUSV 305    | Group Interaction                            | 3 |
| or HUSV 304 | Peer Counseling                              |   |
| HUSV 301    | Crisis Management                            | 3 |
| HUSV 350    | Human Services Seminar                       | 3 |
| HUSV 333    | Social Welfare Policy                        | 3 |
| HUSV 101    | Introduction to Gerontology                  | 3 |
| HUSV 302    | Multicultural Perspectives in Human Services | 3 |

|             |                                       |   |
|-------------|---------------------------------------|---|
| PSYC 201    | Human Growth & Development            | 3 |
| PHIL 203    | Ethics                                | 3 |
| or HUSV 320 | Applied Ethics for HUSV Professionals |   |
| HUSV 277    | Practicum                             | 3 |
| HUSV 312    | Internship                            | 6 |
| NUTR 205    | Fundamentals of Nutrition             | 3 |
| MCOM 110    | Public Communication                  | 3 |

**51**

### PLUS ANY EIGHTEEN SEMESTER HOURS OF HUMAN SERVICES, PSYCHOLOGY OR RELATED FIELD

**18**

### FREE ELECTIVES

**11**

### GENERAL EDUCATION REQUIREMENTS

|           |                          |   |
|-----------|--------------------------|---|
| ENGL C101 | Composition and Rhetoric | 3 |
| HUM       | Humanities Core          | 6 |
| FA        | Fine Arts Core           | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| SCI       | Natural Sciences Core    | 6 |
| SOSC      | Social Sciences Core     | 6 |
| CAPS 390  | Capstone Seminar         | 3 |
| FYS 101   | First Year Seminar       | 3 |
|           | Liberal Arts Electives   | 7 |

**40**

### Total Semester Hours

**120**

## Suggested Program

### FIRST SEMESTER

|           |                                    |   |
|-----------|------------------------------------|---|
| ENGL C101 | Composition and Rhetoric           | 3 |
| HUSV 110  | Alcohol and Other Drugs in Society | 3 |
| HUSV 201  | Introduction to Counseling         | 3 |
| FA        | Fine Arts Core                     | 3 |
| MATH C105 | Intermediate Algebra               | 3 |
| FYS 101   | First Year Seminar                 | 3 |

### SECOND SEMESTER

|          |                                |   |
|----------|--------------------------------|---|
| HUSV 203 | Introduction to Human Services | 3 |
| MCOM 110 | Communications                 | 3 |
| HUSV 101 | Introduction to Gerontology    | 3 |
| PHIL 203 | Ethics                         | 3 |
| HUSV 205 | Counseling Special Populations | 3 |

### THIRD SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| SCI      | Natural Sciences Core        | 3 |
| PSYC 201 | Human Growth and Development | 3 |
| HUSV 277 | Practicum                    | 3 |
| HUM      | Humanities Core              | 3 |

|      |          |   |
|------|----------|---|
| HUSV | Elective | 3 |
|------|----------|---|

### FOURTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| HUSV 302 | Multicultural Perspectives   | 3 |
| SOSC     | Social Sciences Core         | 3 |
| HUSV 110 | Alcohol and Drugs in Society | 3 |
| HUSV 333 | Social Welfare Policy        | 3 |
| HUSV     | Elective                     | 3 |

### FIFTH SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| HUM      | Humanities Core           | 3 |
| SCI      | Natural Sciences Core     | 3 |
| HUSV 277 | Practicum                 | 3 |
| NUTR 205 | Fundamentals of Nutrition | 3 |
| HUSV     | Elective                  | 3 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| SOSC     | Social Sciences Core | 3 |
| HUSV 305 | Group Interaction    | 3 |
| HUSV 312 | Internship           | 3 |
| HUSV 301 | Crisis Management    | 3 |
| HUSV     | Electives            | 3 |

### SEVENTH SEMESTER

|          |                       |   |
|----------|-----------------------|---|
| HUSV 350 | Human Service Seminar | 3 |
| HUSV 312 | Internship            | 3 |
| HUSV     | Electives             | 6 |

### EIGHTH SEMESTER

|           |                  |   |
|-----------|------------------|---|
| CAPS C390 | Capstone Seminar | 3 |
| HUSV      | Electives        | 6 |
|           | Free Electives   | 6 |

### Total Semester Hours

**120**

# Industrial Design *Bachelor of Science Degree*

*Chair:* Richard Wilfred Yelle  
 Arnold Bernhard Center, Room 810  
 Telephone: (203) 576-4222  
 Fax: (203) 576-4042  
 E-mail: ryelle@bridgeport.edu

## Curriculum and Program Requirements

In our technological world, the creative industrial designer leads the way in the design of products that are user friendly, safe, energy efficient and enjoyable to use. The designer's concern is with the sensory aspects of products, bringing together all facets of product development including aesthetics, ergonomics, materials, manufacturability, and environmental considerations. Professional designers often work in interdisciplinary teams on consumer products; business products; and scientific and medical instruments.

The Industrial Design program begins with the basics of two- and three-dimensional design, art and design history, computer aided design, drawing, model making, as well as courses in the sciences and general education.

Students will research, design and develop assigned product concepts in the studio and computer laboratories. Build product models in a well equipped Model Lab and present and document their creative and unique solutions. They will study support subjects like ergonomics, materials and manufacturing, sustainability and marketing. All students will develop a strong portfolio that will prepare them to enter the design profession. The Industrial Design program offers the student a broad based design education with opportunities to specialize within many traditional areas of product, package, exhibit, and transportation design. Students will have opportunities to work on competitions and collaborative projects often with industrial sponsorship, and will be encouraged to work in summer internships.

## Learning Outcomes

1. Demonstrate ability to identify, analyze, and solve design problems. Assessment: Portfolio projects and project research.
2. Demonstrate mastery of design tools, techniques, and concepts in design. Assessment: Projects and portfolios that evidence craftsmanship and adherence to project parameters.

3. Demonstrate an understanding of the aesthetics of form development, and of the history and current state of design. Assessment: Projects, papers, and presentations for art and design history courses; in studio courses, projects that appropriately reference historical precedents.
4. Demonstrate proficiency in selection and use of relevant technologies in design. Abilities to use available technical and industrial processes to produce a design product, and to design and implement such a process. Assessment: Project and portfolio materials planned to be feasibly reproducible by industrial means rather than by one-off or by hand.
5. Demonstrate an understanding of the cultural and societal connections linking design trends and processes as well as a knowledge of business practices and of the market place. Assessment: Projects and portfolio solutions that are culturally- and audience-appropriate for the problem as posed by the business and market briefs for the project.

## Summary of Requirements

### PROGRAM REQUIREMENTS

#### DESIGN FOUNDATION COURSES

|           |                                   |   |
|-----------|-----------------------------------|---|
| ADSN 103  | 2D Design                         | 3 |
| ADSN 105  | Drawing I                         | 3 |
| ADSN 108  | 3-D Design                        | 3 |
| ADSN 110  | Drawing/Drafting                  | 3 |
| ADSN 119A | Intro to Computer Applications I  | 3 |
| ADSN 119B | Intro to Computer Applications II | 3 |
| ADSN 205  | Drawing III                       | 3 |
| ADSN 206  | Drawing IV                        | 3 |
| ADSN 231  | Digital Photography               | 3 |
| ADSN 233  | Motion Graphics                   | 3 |
| ADSN 377  | History of Modern Design          | 3 |
| ADSN 425  | History of Industrial Design      | 3 |

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#### MAJOR REQUIREMENTS

|                |                                |   |
|----------------|--------------------------------|---|
| IDDSN 215      | Materials and Manufacturing I  | 3 |
| IDDSN 216      | Materials and Manufacturing II | 3 |
| IDDSN 218S & W | SolidWorks CAD I & II          | 4 |
| IDDSN 218C     | SolidWorks CAD III             | 2 |
| IDDSN 255      | Industrial Design Studio I     | 3 |
| IDDSN 256      | Industrial Design Studio II    | 3 |
| IDDSN 305      | Industrial Design Studio III   | 3 |
| IDDSN 306      | Industrial Design Studio IV    | 3 |
| IDDSN 355      | Industrial Design Studio V     | 3 |
| IDDSN 356      | Industrial Design Studio VI    | 3 |
| IDDSN 357      | NX/ Maya CAD                   | 6 |

|           |                  |   |
|-----------|------------------|---|
| IDDSN 398 | Internship       | 3 |
| IDDSN 399 | Special Projects | 3 |
|           | Design Electives | 9 |

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### GENERAL EDUCATION REQUIREMENTS

|           |                          |   |
|-----------|--------------------------|---|
| FYS 101   | First Year Seminar       | 3 |
| ENGL C101 | Composition & Rhetoric   | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| HUM       | Humanities Core          | 6 |
| SOSC      | Social Sciences Core     | 6 |
| SCI       | Natural Science Core     | 6 |
| ADSN 117  | Survey of Art History I  | 3 |
| ADSN 118  | Survey of Art History II | 3 |
| CAPS C390 | Capstone Seminar         | 3 |
|           | Liberal Arts Electives   | 4 |

**40**

**Total Semester Hours 127**

## Suggested Program

### FIRST SEMESTER

|           |                                  |   |
|-----------|----------------------------------|---|
| FYS 101   | First Year Seminar               | 3 |
| ADSN 103  | 2D Design                        | 3 |
| ADSN 105  | Drawing I                        | 3 |
| ADSN 117  | History Survey of Art I          | 3 |
| ADSN 119A | Intro to Computer Applications I | 3 |

### SECOND SEMESTER

|           |                                   |   |
|-----------|-----------------------------------|---|
| ADSN 108  | 3-D Design                        | 3 |
| ADSN 110  | Drawing / Drafting                | 3 |
| ADSN 118  | History Survey of Art II          | 3 |
| ADSN 119B | Intro to Computer Applications II | 3 |
| MATH C105 | Intermediate Algebra              | 3 |
| ENGL C101 | Composition & Rhetoric            | 3 |

### THIRD SEMESTER

|           |                            |   |
|-----------|----------------------------|---|
| SOSC      | Social Science Core        | 3 |
| IDDSN205  | Drawing III                | 3 |
| IDDSN215  | Material & Manufacturing I | 3 |
| IDDSN218S | SolidWorks CAD             | 2 |
| IDDSN255  | Industrial Design Studio I | 3 |
| SCI       | Natural Science Core       | 3 |

### FOURTH SEMESTER

|           |                              |   |
|-----------|------------------------------|---|
| SCI       | Natural Science Core         | 3 |
| SOSC      | Social Science Core          | 3 |
| IDDSN206  | Drawing IV                   | 3 |
| IDDSN216  | Materials & Manufacturing II | 3 |
| IDDSN218W | SolidWorks CAD II            | 2 |
| IDDSN256  | Industrial Design Studio II  | 3 |

### FIFTH SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| ADSN 377 | History of Modern Design | 3 |
| HUM      | Humanities Core          | 3 |

# Industrial Design *Bachelor of Science Degree*

|           |                              |   |
|-----------|------------------------------|---|
| IDDSN218C | SolidWorks CAD III           | 2 |
| IDDSN305  | Industrial Design Studio III | 3 |
| ITDSN 312 | Furniture Design             | 3 |
|           | Design Elective              | 3 |

## **SIXTH SEMESTER**

---

|           |                             |   |
|-----------|-----------------------------|---|
| HUM       | Humanities Core             | 3 |
| IDDSN 231 | Digital Photography         | 3 |
| IDDSN306  | Industrial Design Studio IV | 3 |
| IDDSN311  | Exhibit Design              | 3 |
|           | Liberal Arts Electives      | 4 |

## **SEVENTH SEMESTER**

---

|           |                            |   |
|-----------|----------------------------|---|
| ADSN 357A | NX/ Maya CAD               | 3 |
| ADSN 233  | Motion Graphics            | 3 |
| IDDSN355  | Industrial Design Studio V | 3 |
| IDDSN399  | Special Projects           | 3 |
|           | Design History Elective    | 3 |

## **EIGHTH SEMESTER**

---

|           |                             |   |
|-----------|-----------------------------|---|
| CAPS C390 | Capstone Seminar            | 3 |
| IDDSN356  | Industrial Design Studio VI | 3 |
| IDDSN357B | NX/ Maya CAD                | 3 |
| IDDSN398  | Internship                  | 3 |
| IDDSN200  | Co-op                       | 0 |

**Total Semester Hours** \_\_\_\_\_ **127**

# Interior Design *Bachelor of Science Degree*

## Chair:

Arnold Bernhard Center, Room 509

Telephone: (203) 576-4221

Fax: (203)-576-4042

E-mail:

## Curriculum and Program Requirements

The Interior Design program prepares students to the functional, technical and aesthetic aspects of the interior environment.

The Professional Interior Designer is qualified to identify, research and solve problems pertaining to the function and aesthetic quality of the interior environment. The designer must have knowledge of construction materials, their applications and methods of installation. Interior designers must design the space in accordance with federal, state and local building codes to meet safety, health, and accessibility requirements. Interior designers both plan the space and furnish the interiors of private homes, public buildings and commercial establishments such as offices, retail, restaurants, hospitals, hotels and theaters. They may plan additions, renovations and be involved in historic preservations. With a client's needs and budget in mind, they develop space-planning solutions; prepare working drawings, millwork, architectural details and specifications for interior construction, furnishing and finishes. Designers use computers to generate plans and construction documents, in addition to 3D modeling views.

At UB several interior projects assignments are done in collaboration with noted interior/architectural firms, to give students a grasp of real projects and receive additional inputs from professionals in the field. In addition, this relationship helps establish connections for internships.

*\*ITDSN 398 (Internship) can be taken as an elective in addition to the required coursework.*

As an Interior Design major, you can specialize in several areas:

- Residential Design (new and existing)
- Contract Design such as: Retail, Hospitality, Corporate Offices, Health care, Institutional
- Historic Preservation
- Exhibit Design
- Furniture and Furnishings Design

## Learning Outcomes

1. Demonstrate ability to identify, analyze, and solve design problems. Assessment: Portfolio projects and project research.
2. Demonstrate mastery of design tools, techniques, and concepts in design. Assessment: Projects and portfolios that evidence craftsmanship and adherence to project parameters.
3. Demonstrate an understanding of the aesthetics of form development, and of the history and current state of design. Assessment: Projects, papers, and presentations for art and design history courses; in studio courses, projects that appropriately reference historical precedents.
4. Demonstrate proficiency in selection and use of relevant technologies in design. Abilities to use available technical and industrial processes to produce a design product, and to design and implement such a process. Assessment: Project and portfolio materials planned to be feasibly reproducible by industrial means rather than by one-off or by hand.
5. Demonstrate an understanding of the cultural and societal connections linking design trends and processes as well as a knowledge of business practices and of the market place. Assessment: Projects and portfolio solutions that are culturally- and audience-appropriate for the problem as posed by the business and market briefs for the project.

## Summary of Requirements

### PROGRAM REQUIREMENTS

#### DESIGN FOUNDATION COURSES

|      |      |                                   |   |
|------|------|-----------------------------------|---|
| ADSN | 103  | 2D Design                         | 3 |
| ADSN | 105  | Drawing I                         | 3 |
| ADSN | 108  | 3D Design                         | 3 |
| ADSN | 110  | Drawing / Drafting                | 3 |
| ADSN | 205  | Drawing III                       | 3 |
| ADSN | 119A | Intro to Computer Applications I  | 3 |
| ADSN | 119B | Intro to Computer Applications II | 3 |
| ADSN | 231  | Digital Photography               | 3 |
| ADSN | 377  | History of Modern Design          | 3 |
| ADSN | 380  | History of Mod. Arch. & Urbanism  | 3 |

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### MAJOR REQUIREMENTS

|       |     |                                    |   |
|-------|-----|------------------------------------|---|
| ADSN  | 206 | Interiors Drawing IV               | 3 |
| ITDSN | 215 | Interior Construction Systems      | 3 |
| ITDSN | 217 | Color Studies for Interiors        | 3 |
| ITDSN | 218 | CADD (A, B, C)                     | 6 |
| ITDSN | 255 | Studio I                           | 3 |
| ITDSN | 256 | Studio II                          | 3 |
| ITDSN | 303 | Materials, Products & Applications | 3 |
| ITDSN | 304 | Business Practices & Ethics        | 3 |
| ITDSN | 305 | Studio III                         | 3 |
| ITDSN | 306 | Studio IV                          | 3 |
| ITDSN | 307 | Lighting/Acoustics Design          | 3 |
| ITDSN | 309 | Human Factors Design               | 3 |
| ITDSN | 311 | Display & Exhibition Design        | 3 |
| ITDSN | 312 | Furniture Design                   | 3 |
| ITDSN | 355 | Studio V (Thesis)                  | 3 |
| ITDSN | 356 | Studio VI                          | 3 |
| ITDSN | 362 | Construction Documents (Thesis)    | 3 |
| ITDSN | 399 | Special Projects                   | 3 |

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### GENERAL EDUCATION REQUIREMENTS

|      |      |                          |   |
|------|------|--------------------------|---|
| ENGL | C101 | Composition & Rhetoric   | 3 |
| MATH | C105 | Intermediate Algebra     | 3 |
| HUM  |      | Humanities Core          | 6 |
| SOSC |      | Social Sciences Core     | 6 |
| SCI  |      | Natural Sciences Core    | 6 |
| ADSN | 117  | Survey of Art History I  | 3 |
| ADSN | 118  | Survey of Art History II | 3 |
| FYS  | 101  | First Year Seminar       | 3 |
| CAPS | C390 | Capstone Seminar         | 3 |
|      |      | Liberal Arts Electives   | 4 |

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**Total Semester Hours** 127

## Suggested Program

### FIRST SEMESTER

|      |      |                               |   |
|------|------|-------------------------------|---|
| FYS  | 101  | First Year Seminar            | 3 |
| ADSN | 117  | Survey of Art History I       | 3 |
| ADSN | 103  | 2D Design                     | 3 |
| ADSN | 105  | Drawing I                     | 3 |
| ADSN | 119A | Intro Computer Applications I | 3 |

### SECOND SEMESTER

|      |      |                                |   |
|------|------|--------------------------------|---|
| ENGL | C101 | Composition & Rhetoric         | 3 |
| MATH | C105 | Intermediate Algebra           | 3 |
| ADSN | 118  | Survey of Art History II       | 3 |
| ADSN | 108  | 3D Design                      | 3 |
| ADSN | 110  | Drawing / Drafting             | 3 |
| ADSN | 119B | Intro Computer Applications II | 3 |

### THIRD SEMESTER

|       |      |                          |   |
|-------|------|--------------------------|---|
| SCI   |      | Natural Sciences Core    | 3 |
| ADSN  | 231  | Digital Photography      | 3 |
| ADSN  | 377  | History of Modern Design | 3 |
| ADSN  | 205  | Drawing III              | 3 |
| ITDSN | 218A | CAD I                    | 2 |
| ITDSN | 255  | Studio I                 | 3 |

# Interior Design *Bachelor of Science Degree*

## **FOURTH SEMESTER**

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|            |                                    |   |
|------------|------------------------------------|---|
| SOSC       | Social Sciences Core               | 3 |
| ADSN 380   | History of Modern Arch. & Urbanism | 3 |
| ITDSN 217  | Color Studies for Interiors        | 3 |
| ADSN 206   | Interiors Drawing IV               | 3 |
| ITDSN 218B | CADD II                            | 2 |
| ITDSN 266  | Studio II                          | 3 |

## **FIFTH SEMESTER**

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|            |                               |   |
|------------|-------------------------------|---|
| HUM        | Humanities Core               | 3 |
| ITDSN 309  | Human Factors                 | 3 |
| ITDSN 305  | Studio III                    | 3 |
| ITDSN 215  | Interior Construction Systems | 3 |
| ITDSN 218C | CAD III                       | 2 |
| ADSN 311   | Display & Exhibit Design      | 3 |

## **SIXTH SEMESTER**

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|           |                                    |   |
|-----------|------------------------------------|---|
| SCI       | Natural Sciences Core              | 3 |
| SOSC      | Social Sciences Core               | 3 |
| ITDSN 303 | Materials, Products & Applications | 3 |
| ITDSN 304 | Business Practices                 | 3 |
| ITDSN 306 | Studio IV                          | 3 |

## **SEVENTH SEMESTER**

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|           |                            |   |
|-----------|----------------------------|---|
| CAPS C390 | Capstone Seminar           | 3 |
| HUM       | Humanities Core            | 3 |
| ITDSN 355 | Studio V                   | 3 |
| ITDSN 307 | Lighting & Acoustic Design | 3 |
| ITDSN 312 | Furniture Design           | 3 |

## **EIGHTH SEMESTER**

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|           |                        |   |
|-----------|------------------------|---|
|           | Electives-Liberal Arts | 4 |
| ITDSN 362 | Construction Documents | 3 |
| ITDSN 356 | Studio VI              | 3 |
| ITDSN 399 | Special Projects       | 3 |

**Total Semester Hours** \_\_\_\_\_ **127**



# International Business *Bachelor of Science Degree*

## Assistant Dean-Student Services:

Dr. Timothy Raynor  
Mandeville Hall: 22  
Telephone: (203) 576-4687  
Fax: (203) 576-4388  
E-mail: traynor@bridgeport.edu

*Faculty Contact:* Professor Congsheng Wu  
Mandeville Hall, Room 204  
Telephone: (203) 576-4869  
E-mail: congwu@bridgeport.edu

## Curriculum and Program Requirements

The Bachelor of Science in International Business prepares students for assuming a managerial position in any American or foreign multinational firm, developing one's own business abroad, or working for international governments and agencies.

Since this major attracts many students from abroad, it provides students with an opportunity to develop multicultural awareness and international contacts. This major is recommended for those students who expect to travel abroad or live in foreign environments. Students in this major are required to achieve proficiency in at least one foreign language before completion of the degree.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) understand the economic, cultural, legal and political issues associated with international business; 2) acquire the broad discipline knowledge that are basic to international business enterprises; 3) develop cultural sensitivity and effective communication skills that enable them communicate with others from diverse backgrounds; and 4) acquire the skills necessary to pursue entry level positions in an American or foreign multinational firm, develop one's own business abroad, or work for international governments and agencies.

### ASSESSMENT

Students' international business knowledge and skills will be tested when they begin and finish the International Business program with a program specific exam. Alumni will be asked to complete follow-up questionnaires regarding their careers in international business. Students must earn a grade of "C" or higher in each of the four International Business major electives.

## Summary of Requirements

### CREDITS

|                                |           |
|--------------------------------|-----------|
| General Education Requirements | 33        |
| Business Program Requirements  | 72        |
| Free Electives                 | 15        |
|                                | <hr/> 120 |

### GENERAL EDUCATION REQUIREMENTS

|          |                        |          |
|----------|------------------------|----------|
| ENGL 101 | Composition & Rhetoric | 3        |
| FYS 101  | First Year Seminar     | 3        |
| MATH 105 | Intermediate Algebra   | 3        |
| SCI      | Natural Sciences Core  | 6        |
| HUM      | Humanities Core        | 6        |
| FA       | Fine Arts Core         | 3        |
| CAPS 390 | Capstone Seminar       | 3        |
| SOSC     | Social Sciences Core   | 6        |
|          |                        | <hr/> 33 |

### PROGRAM REQUIREMENTS

|          |                                     |          |
|----------|-------------------------------------|----------|
| ACCT 101 | Principles of Accounting I          | 3        |
| ACCT 103 | Managerial/Cost Accounting          | 3        |
| BLAW 251 | Business Law I                      | 3        |
| BUAD 101 | Introduction to Business            | 3        |
| BUAD 102 | Business Communications             | 3        |
| BUAD 382 | Senior Project/Internship           | 3        |
| CAIS 101 | Statistics                          | 3        |
| CAIS 191 | Computer Concepts                   | 3        |
| CAIS 201 | Introduction to CAIS                | 3        |
| ECON 201 | Principles of Economics - Macro     | 3        |
| ECON 202 | Principles of Economics - Micro     | 3        |
| ENGL 202 | Advanced Composition (for Business) | 3        |
| FIN 209  | Managerial Finance                  | 3        |
| MGMT 200 | Work Force Dynamics                 | 3        |
| MGMT 301 | Operations Management               | 3        |
| MGMT 320 | Business Planning                   | 3        |
| MGMT 350 | Business Policy and Strategy        | 3        |
| MKTG 205 | Principles of Marketing             | 3        |
|          | International Electives             | 18       |
|          |                                     | <hr/> 72 |

### INTERNATIONAL BUSINESS ELECTIVES (SELECT SIX COURSES)

|         |   |   |
|---------|---|---|
| IBU 325 | Export and Import   | 3 |
| IBU 360 | Business and International Law  | 3 |
| IBU 362 | International Sales (Commercial) Transactions   | 3 |
| IBU 363 | Settlement of International Business Disputes   | 3 |
| IBU 366 | International Business and Customs Unions   | 3 |
| -OR-    | Other approved courses in foreign Languages, study abroad, history, or political science. |   |

**FREE ELECTIVES** 

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15

**Total Semester Hours** 

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120

## Suggested Program

### FIRST SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| BUAD 101 | Introduction to Business | 3 |
| ENGL 101 | Composition & Rhetoric   | 3 |
| MATH 105 | Intermediate Algebra     | 3 |
| FYS 101  | First Year Seminar       | 3 |
|          | Fine Arts                | 3 |

### SECOND SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| ACCT 101 | Principles of Accounting I          | 3 |
| ENGL 202 | Advanced Composition (for Business) | 3 |
| CAIS 191 | Computer Concepts                   | 3 |
| SCI      | Natural Sciences Core               | 3 |
| BUAD 102 | Business Communications             | 3 |

### THIRD SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| MGMT 200 | Work Force Dynamics             | 3 |
| ECON 202 | Principles of Economics - Micro | 3 |
| SOSC     | Social Science Core             | 3 |
| SCI      | Natural Science Core            | 3 |
| ACCT 103 | Managerial Accounting           | 3 |

### FOURTH SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| ECON 201 | Principles of Economics - Macro | 3 |
| CAIS 101 | Statistics                      | 3 |
| MKTG 205 | Principles of Marketing         | 3 |
| FIN 209  | Managerial Finance              | 3 |
| SOSC     | Social Science Core             | 3 |

### FIFTH SEMESTER

|          |                       |   |
|----------|-----------------------|---|
|          | Major Elective        | 3 |
| MGMT 301 | Operations Management | 3 |
| HUM      | Humanities Core       | 3 |
|          | Free Elective         | 6 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT 320 | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

### SEVENTH SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

### EIGHTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| MGMT 350 | Business Policy and Strategy | 3 |
| CAPS 390 | Capstone Seminar             | 3 |
|          | Major Electives              | 6 |
|          | Free Elective                | 3 |

**Total Semester Hours** 

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120

### INTERNSHIP/CO-OP

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# International Political Economy and Diplomacy *Bachelor of Arts*

*Chair:* Chunjuan Nancy Wei  
Carlson Hall, Room 219  
Telephone: (203) 576-4153  
Fax: (203) 576-4967  
E-mail: chunjuaw@bridgeport.edu

## Curriculum and Program Requirements

The major in International Political Economy and Diplomacy provides students with a comprehensive understanding of the global political economy as well as the analytical skills to evaluate change and direction. Political economy describes the nexus between politics and economics, and international political economy studies the arena where international politics and international economics meet. The subject matter of International Political Economy is the study of the international economic system and how it produces, distributes, and uses wealth. The study of the international political system focuses a set of institutions and rules by which social and economic interactions are governed. It represents an investigation of the political basis of economic action and the economic basis of political action. An important additional consideration is the role of international law in developing universal principles and norms in the conduct of international relations, and governing of relations between states and their citizens. Because diplomatic negotiations form the basis of new international law, and because diplomacy operates within the framework of extant international law, the study of diplomacy is an important component in the study of international political economy.

## Learning Outcomes

The B.A. in International Political Economy & Diplomacy has the following learning outcomes: 1) students will demonstrate an ability to explain and compare different political and economic systems; 2) students will be able to reflect on the role of culture, history and religion in international political economy; 3) students will be able to explain the role of diplomacy and conflict resolution in international relations; 4) Students will demonstrate a basic working knowledge of a world language other than one's mother tongue; 5) students will demonstrate the ability to use critical thinking in their evaluation of issues and problems in international political economy; and 6) students will dem-

onstrate practical skills in helping resolve global disputes through diplomacy and conflict resolution.

\* Note that for all College of Public and International Affairs majors, a portfolio is collected to track progress in programmatic outcomes.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|                         |   |   |
|-------------------------|---|---|
| SOSC 207                | World Regional Geography  | 3 |
| WREL 101                | Intro to World Religions  | 3 |
| SOC 231                 | Cultural Anthropology   | 3 |
| PSCI 103                | Intro to Political Science and Political Science Research Methods | 3 |
| ECON 201<br>or IPED 201 | Macro Economics<br>Economics and Development                      | 3 |
| ECON 202<br>or IPED 202 | Micro Economics<br>Intro to Political Economy                     | 3 |
| IPED 206                | Pol. Eco. of North/South Relations                                | 3 |
| PSCI 312                | Diplomacy & Foreign Policy  | 3 |

### TWO OF THE FOLLOWING

|  |  |   |
|--|--|---|
| PSCI 101<br>or IPED 345<br>or IPED 329 | American Government<br>Political Economy of EU<br>Political Economy of China | 3 |
| IPED/PSCI 321                          | Political Economy of East Asia   | 3 |
| IPED 340                               | Political Economy of Latin America   | 3 |
| WREL 374                               | Religion and Politics in the Middle East                                     | 3 |

### TWO OF THE FOLLOWING

|                         |   |   |
|-------------------------|---|---|
| PSCI 204                | Government and Politics Abroad                    | 3 |
| PSCI 203                | U.S. Foreign Policy                               | 3 |
| PSCI 305<br>or PSCI 207 | International Relations<br>World Politics         | 3 |
| PSCI 208                | Intro to International Law                        | 3 |
| or PSCI 209             | Intro to United Nations Studies<br>Program Tracks | 3 |

Students may, in consultation with their advisor, choose a minor or a concentration by taking 15 to 18 credit hours of course work in one of the following areas; however this is not a requirement:

### POLITICAL SCIENCE

|                         |  |   |
|-------------------------|--|---|
| PSCI 101<br>or PSCI 103 | American Government<br>Intro to Political Science and Political Science Research Methods | 3 |
| PSCI 204                | Government and Politics Abroad   | 3 |
| PSCI 207                | World Politics   | 3 |
| PSCI 208                | Intro to International Law   | 3 |
| IPED 206<br>or PSCI 209 | Pol. Eco. of North/South Relations<br>Intro to United Nations Studies                    | 3 |
| SOSC 207                | World Regional Geography   | 3 |
| PSCI 323<br>or PSCI 324 | Classics in Political Theory<br>Recent Political Theory                                  | 3 |

### ASIA-PACIFIC STUDIES

|  |                                      |   |
|--|--------------------------------------|---|
| IPED/PSCI 321                                  | Political Economy of East Asia       | 3 |
| <b>PLUS ANY FOUR OF THE FOLLOWING COURSES:</b> |                                      |   |
| IPED 329                                       | Political Economy of China           | 3 |
| PSCI 203                                       | U.S. Foreign Policy                  | 3 |
| WREL 229                                       | Confucianism and Daoism              | 3 |
| WREL 102                                       | Introduction to East Asian Religions | 3 |
| WREL 205                                       | Buddhism                             | 3 |

### PEACE AND DEVELOPMENT STUDIES

|  |  |   |
|--|--|---|
| IPED 391                                       | Sustainable Development                  | 3 |
| <b>PLUS ANY FOUR OF THE FOLLOWING COURSES:</b> |  |   |
| IPED 392                                       | Geopolitics of Oil                       | 3 |
| IPED/PSCI 321                                  | Political Economy of East Asia           | 3 |
| WREL 275                                       | Religion, Conflict and Mediation         | 3 |
| WREL 278                                       | Religion, Peace, and War                 | 3 |
| WREL 305                                       | Comparative Religious Ethics             | 3 |
| WREL 374                                       | Religion and Politics in the Middle East | 3 |

### AMERICAS STUDIES

|  |                                    |   |
|--|------------------------------------|---|
| PSCI 101                                       | American Government                | 3 |
| <b>PLUS ANY FOUR OF THE FOLLOWING COURSES:</b> |                                    |   |
| GLDP 411                                       | Issues in Economic Development     | 3 |
| PSCI 203                                       | U.S. Foreign Policy                | 3 |
| MCOM290  | Intercultural Communication        | 3 |
| IPED 340                                       | Political Economy of Latin America | 3 |
| IPED 392                                       | Geopolitics of Oil                 | 3 |
| IPED 390                                       | Multinational Corporations in IPE  | 3 |

### MIDDLE EAST STUDIES

|          |  |   |
|----------|--|---|
| WREL 374 | Religion and Politics in the Middle East | 3 |
|----------|--|---|

### PLUS ANY FOUR OF THE FOLLOWING COURSES:

|          |  |   |
|----------|--|---|
| PSCI 203 | U.S. Foreign Policy                                | 3 |
| IPED 392 | Geopolitics of Oil                                 | 3 |
| WREL 103 | Introduction to Religions of Middle Eastern Origin | 3 |
| WREL 209 | Islam  | 3 |
| WREL 275 | Religion, Conflict and Mediation                   | 3 |
| MCOM290  | Intercultural Communication                        | 3 |

### FOREIGN LANGUAGE REQUIREMENT

All IPED majors must demonstrate a working knowledge of at least one world language besides English or complete through the 104 level of one of the following languages currently offered at the University: Chinese, Korean, Japanese, French, or Spanish.

### THESIS AND INTERNSHIP GUIDELINES

A senior thesis is voluntary but strongly encouraged. Depending on the scope of the project, a thesis may account for 3 to 6 credit hours. While not required, students are encouraged to write on a subject related to their field of concentration, should they have elected one. In addition, one semester of internship is also strongly encouraged. Internship may account for 3 to 6 credit hours.

# International Political Economy and Diplomacy *Bachelor of Arts*

## GENERAL EDUCATION REQUIREMENTS

|           |                               |   |
|-----------|-------------------------------|---|
| ENGL C101 | Composition & Rhetoric        | 3 |
| MATH C105 | Intermediate Algebra or above | 3 |
| FYS 101   | First Year Seminar            | 3 |
| HUM       | Humanities Core               | 6 |
| SCI       | Natural Sciences Core         | 6 |
| SOSC      | Social Sciences Core          | 6 |
| FA        | Fine Arts Core                | 3 |
| CAPS C390 | Capstone Seminar              | 3 |
|           | Liberal Arts Electives        | 7 |

**TOTAL** \_\_\_\_\_ **120**

## SEVENTH SEMESTER

|             |                         |   |
|-------------|-------------------------|---|
| INTST C101B | Integrated Studies      | 3 |
|             | Intl. Pol Econ Elective | 3 |
|             | Free Electives          | 9 |

## EIGHTH SEMESTER

|           |                         |   |
|-----------|-------------------------|---|
| CAPS C390 | Capstone Seminar        | 3 |
|           | Intl. Pol Econ Elective | 3 |
|           | Free Electives          | 9 |

\*Students who do not meet the modern language requirement for the B.A. degree must use 3-12 semester hours free electives, depending on their level of competency, to satisfy this requirement.

## Suggested Program

### FIRST SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| ENGL C101 | Composition & Rhetoric   | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| WREL 101  | Intro to World Religions | 3 |
|           | Political Science Core   | 3 |
| FYS 101   | First Year Seminar       | 3 |

### SECOND SEMESTER

|          |                       |   |
|----------|-----------------------|---|
| FA       | Fine Arts Core        | 3 |
| SOC 231  | Cultural Anthropology | 3 |
| SOSC 207 | World Geography       | 3 |
|          | Free Elective         | 3 |
|          | Free Elective         | 3 |

### THIRD SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| HUM      | Humanities Core            | 3 |
| SOSC     | Social Sciences Core       | 3 |
| ECON 201 | Macro-Economics            | 3 |
|          | Political Science Elective | 3 |
|          | Free Elective              | 3 |

### FOURTH SEMESTER

|          |                            |   |
|----------|----------------------------|---|
| HUM      | Humanities Core            | 3 |
| SOSC     | Social Sciences Core       | 3 |
| ECON 202 | Micro-Economics            | 3 |
|          | Political Science Elective | 3 |
|          | Free Elective              | 3 |

### FIFTH SEMESTER

|          |                         |   |
|----------|-------------------------|---|
| SCI      | Natural Sciences Core   | 3 |
| PSCI 354 | Intl. Political Economy | 3 |
|          | Economics Elective      | 3 |
|          | Intl Pol Econ Elective  | 3 |
|          | Free Elective           | 3 |

### SIXTH SEMESTER

|          |                         |   |
|----------|-------------------------|---|
| SCI      | Natural Sciences Core   | 3 |
| PSCI 206 | North/South Relations   | 3 |
|          | Econ Elective           | 3 |
|          | Intl. Pol Econ Elective | 3 |
|          | Free Elective           | 3 |

# Literature and Civilization *Bachelor of Arts Degree*

*Program Head:* Edward Geist  
Charles Dana Hall  
Telephone: (203) 576-4956  
Fax: (203) 576-4051  
E-mail: edwgeist@bridgeport.edu

## Curriculum and Program Requirements

The Literature and Civilization major, with its emphasis on the connections between the humanities as well as on their individual aspects, on abstract ideas as well as specific skills, on the global as well as the local context, ensures that students have the resources which will enable them to pursue successfully careers and leadership roles in their communities. The major provides students with the skills, knowledge, and insights which accrue from the study of history, literature, and philosophy. The degree requires 42 hours in the Humanities, 40 hours of General Education, 12 hours of Language study, and 32 hours of Electives.

In Group I students are introduced to the disciplines that make up the humanities by taking a combination of required and elective courses in fine arts, history, literature, and philosophy. In the senior year, Humanities majors take a two-semester sequence (Group II) applying the interrelationships of the humanistic disciplines, first in the Senior Seminar and then in the supervised research and writing of the Senior Thesis in the student's area of Concentration.

The Literature and Civilization major allows for four areas of Concentration (Group III): (A) Creative Writing, (B) English, (C) History, and (D) Philosophy. Each Concentration requires 15 hours, a combination of specific courses and electives in the area of study.

The Literature and Civilization major must take 12 hours of Language study. The remaining hours may be used to earn a Minor, to take additional courses in the Humanities or the Concentration, or to satisfy a curiosity about some of the many other areas of study offered by the University.

## Learning Outcomes

By completing the Literature and Civilization program, students will: 1) be able to read critically and analyze traditional literary genres, historical texts, and philosophical texts; 2) be able to develop and communicate their ideas clearly in writing; 3) be able to identify and evaluate appropriate research sources,

incorporating the sources into documented academic writing, and formulate their own arguments based in part on those sources; 4) gain a competency in the content, theories and methods of a particular discipline in the humanities that will manifest itself in their written work; 5) be able to demonstrate an understanding of the interconnectedness of literary, historical, and philosophical developments that influence the current global culture; 6) develop an appreciation for the humanities as a source of practical wisdom, aesthetic pleasure, and knowledge of the diversity of human experience; and 7) develop a grounded sense of ethical responsibility in an increasingly interconnected world.

## Summary of Requirements

### MAJOR PROGRAM REQUIREMENTS

#### GROUP I: BASIC COURSES

|                  |                               |       |
|------------------|-------------------------------|-------|
| ENGL 305         | Shakespeare                   | 3     |
|                  | English Elective              | 3     |
| HIST 101 or 102  | World Civilization            | 3     |
|                  | History Elective              | 3     |
| PHIL 205         | Western Philosophy            | 3     |
|                  | Philosophy Elective           | 3     |
| ADSN 117 or 118* | Survey of Art History,        | 3     |
| MUSC 122*        | Music in the Liberal Arts, or |       |
| THA 103*         | Introduction to Drama         | 3     |
|                  |                               | <hr/> |
|                  |                               | 21    |

\*Students take one of these courses to satisfy the program's Fine Arts requirement

#### GROUP II: PROGRAM COURSES

|         |                |       |
|---------|----------------|-------|
| HUM 300 | Senior Seminar | 3     |
| HUM 395 | Senior Thesis  | 3     |
|         |                | <hr/> |
|         |                | 6     |

#### GROUP III: AREAS OF CONCENTRATION

##### CREATIVE WRITING

|          |                                  |       |
|----------|----------------------------------|-------|
| ENGL 201 | Introduction to Creative Writing | 3     |
| ENGL 205 | Poetry Writing                   | 3     |
| ENGL 218 | Autobiographical Writing         | 3     |
| ENGL 308 | Advanced Creative Writing        | 3     |
|          | Electives in Creative Writing    | 3     |
|          |                                  | <hr/> |
|          |                                  | 15    |

##### ENGLISH

|                 |                               |       |
|-----------------|-------------------------------|-------|
| ENGL 207 or 208 | Survey of American Literature | 3     |
| ENGL 209 or 210 | Survey of British Literature  | 3     |
|                 | Electives in English          | 9     |
|                 |                               | <hr/> |
|                 |                               | 15    |

##### HISTORY

|                 |                             |       |
|-----------------|-----------------------------|-------|
| HIST 207 or 208 | Survey of American History  | 3     |
| HIST 233        | The Roots of Modern Culture | 3     |
|                 | Electives in History        | 9     |
|                 |                             | <hr/> |
|                 |                             | 15    |

##### PHILOSOPHY

|          |                               |       |
|----------|-------------------------------|-------|
| PHIL 203 | Ethics                        | 3     |
| PHIL 216 | Philosophy of World Religions | 3     |
|          | Electives in Philosophy       | 9     |
|          |                               | <hr/> |
|          |                               | 15    |

### GENERAL EDUCATION REQUIREMENTS

#### CORE (33)

|             |                              |       |
|-------------|------------------------------|-------|
| ENGL 101    | Composition & Rhetoric       | 3     |
| MATH 105 or | Demonstrated Math Competency | 3     |
| FYS 101     | First Year Seminar           | 3     |
| FA          | Fine Arts Core               | 3     |
| HUM         | Humanities Core              | 6     |
| SCI         | Natural Sciences Core        | 6     |
| SOSC        | Social Sciences Core         | 6     |
| CAPS 390    | Capstone Seminar             | 3     |
|             | Liberal Arts Electives       | 7     |
|             |                              | <hr/> |
|             |                              | 40    |

#### FOREIGN LANGUAGE

Students must demonstrate proficiency in a modern language other than English at the 104 level.

ELECTIVES AND/OR MINOR \_\_\_\_\_ 26-38

## Suggested Program

### FIRST SEMESTER

|           |                        |   |
|-----------|------------------------|---|
| ENGL C101 | Composition & Rhetoric | 3 |
| MATH C105 | Intermediate Algebra   | 3 |
| FYS 101   | First Year Seminar     | 3 |
| SCI       | Natural Sciences Core  | 3 |
|           | Electives              | 3 |

### SECOND SEMESTER

|          |                                      |   |
|----------|--------------------------------------|---|
| FA       | Fine Arts Core                       | 3 |
| SCI      | Natural Sciences Core                | 3 |
| HIST 101 | World History (Group 1)              | 3 |
|          | Concentration Elective 1 (Group III) | 3 |
|          | Elective                             | 3 |

### THIRD SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| LANG 101 |                                     | 3 |
| HUM      | Humanities Core                     | 3 |
| SOSC     | Social Sciences Core                | 3 |
|          | Concentration Require 1 (Group III) | 3 |
|          | Elective                            | 3 |

# Literature and Civilization *Bachelor of Arts Degree*

## FOURTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| LANG 102 |                              | 3 |
| HUM      | Humanities Core              | 3 |
| SOSC     | Social Sciences Core         | 3 |
| PHIL 205 | Western Philosophy (Group I) | 3 |
|          | Elective                     | 3 |

## FIFTH SEMESTER

|           |                                      |   |
|-----------|--------------------------------------|---|
| LANG 103  |                                      | 3 |
| ADSN 117  | Survey of Art History I              | 3 |
| MUSC 122* | Music in the liberal Arts, or        |   |
| THA 103*  | Introduction to Drama                |   |
|           | Philosophy Elective (Group I)        | 3 |
|           | Concentration Elective 2 (Group III) | 3 |
|           | Elective                             | 3 |

## SIXTH SEMESTER

|          |                                      |   |
|----------|--------------------------------------|---|
| LANG 104 |                                      | 3 |
|          | Concentration Require. 2 (Group III) | 3 |
| ENGL 305 | Shakespeare (Group I)                | 3 |
|          | Electives                            | 6 |

## SEVENTH SEMESTER

|           |                            |   |
|-----------|----------------------------|---|
| HUM 300   | Senior Seminar (Group II)  | 3 |
| CAPS C390 | Capstone Seminar           | 3 |
|           | History Elective (Group I) | 3 |
|           | Electives                  | 6 |

## EIGHTH SEMESTER

|         |                                      |   |
|---------|--------------------------------------|---|
| HUM 395 | Senior Thesis (Group II)             | 3 |
|         | Concentration Elective 3 (Group III) | 3 |
|         | English Elective (Group I)           | 3 |
|         | Electives                            | 6 |

**Total Semester Hours** \_\_\_\_\_ **120**

# Management and Industrial Relations *Bachelor of Science Degree*

## Assistant Dean-Student Services:

Dr. Timothy Raynor  
Mandeville Hall: 22  
Telephone: (203) 576-4687  
Fax: (203) 576-4388  
E-mail: traynor@bridgeport.edu

## Curriculum and Program Requirements

The Management and Industrial Relations major prepares graduates to enter the workplace as supervisors, operations managers, human resources technicians and start-up entrepreneurs. The program prepares students to take advantage of opportunities in the global job market. Research, special projects and independent study permit each student to fit the major to their personal interests, values and aspirations. Operational issues as well as broad management policy concerns are emphasized, assuring relevance of studies to a student's starting position and readiness for growth in any organization, domestic or global.

The program offers flexibility in the selection of electives to fulfill the major requirements. After completion of required courses, the student may elect courses in small business and entrepreneurship, advanced operations management, human resource skills and programs, labor law and conflict management, to complete the major.

Students following an entrepreneurial studies track, for instance, would take courses in small business, advanced operations management, and labor law; and complete an independent study focused on preparation of a comprehensive business plan for a prospective business start-up.

Students should consult with the designated undergraduate advisor to plan the selection and sequencing of courses to satisfy the major requirements.

## Learning Outcomes

### LEARNING OBJECTIVES

Students will: 1) learn how to work effectively with people in an organization; 2) learn the management principles necessary to pursue entry level positions; 3) learn how to effectively communicate; and 4) develop an understanding of organizational processes.

### ASSESSMENT

Students will be evaluated and benchmarked with a standardized management specific

test. Students' management knowledge and skills will be tested when they begin and finish their Management program with a program specific exam.

Student must earn a grade of "C" or higher in each of the four Management major electives.

## Summary of Requirements

### CREDITS

|                                 |           |
|---------------------------------|-----------|
| General Education Requirements  | 33        |
| Management Program Requirements | 72        |
| Free Electives                  | 15        |
|                                 | <hr/> 120 |

### GENERAL EDUCATION REQUIREMENTS

|          |                        |          |
|----------|------------------------|----------|
| ENGL 101 | Composition & Rhetoric | 3        |
| FYS 101  | First Year Seminar     | 3        |
| MATH 105 | Intermediate Algebra   | 3        |
| SCI      | Natural Sciences Core  | 6        |
| HUM      | Humanities Core        | 6        |
| FA       | Fine Arts Core         | 3        |
| CAPS 390 | Capstone Seminar       | 3        |
| SOSC     | Social Sciences Core   | 6        |
|          |                        | <hr/> 33 |

### PROGRAM REQUIREMENTS

|          |                                 |          |
|----------|---------------------------------|----------|
| ACCT 101 | Principles of Accounting I      | 3        |
| ACCT 103 | Managerial/Cost Accounting      | 3        |
| BLAW 251 | Business Law I                  | 3        |
| BUAD 101 | Introduction to Business        | 3        |
| BUAD 102 | Business Communications         | 3        |
| BUAD 382 | Senior Project/Internship       | 3        |
| CAIS 101 | Statistics                      | 3        |
| CAIS 191 | Computer Concepts               | 3        |
| CAIS 201 | Introduction to CAIS            | 3        |
| ECON 201 | Principles of Econ - Macro      | 3        |
| ECON 202 | Principles of Econ - Micro      | 3        |
| ENGL 202 | Adv. Composition (for Business) | 3        |
| FIN 209  | Managerial Finance              | 3        |
| MGMT200  | Workforce Dynamics              | 3        |
| MGMT301  | Operations Management           | 3        |
| MGMT320  | Business Planning               | 3        |
| MGMT350  | Business Policy and Strategy    | 3        |
| MKTG 205 | Principles of Marketing         | 3        |
|          | Management Electives*           | 18       |
|          |                                 | <hr/> 72 |

### MANAGEMENT ELECTIVES

|         |   |    |
|---------|---|----|
| MGMT302 | Multicultural Management                | 3  |
| MGMT305 | HR Issues in Management                 | 3  |
| MGMT311 | Hum. Res. Mgmt Programs and Skills      | 3  |
| MGMT330 | Leadership Lessons from the Movies      | 3  |
| MGMT340 | Conflict and Negotiation                | 3  |
| MGMT342 | Labor Law and Arbitration               | 3  |
|         | Or other approved 300 level MGMT course |    |
|         | Select six courses                      | 18 |

**FREE ELECTIVES** 

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15

**Total Semester Hours** 

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120

## Suggested Program

### FIRST SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| BUAD 101  | Introduction to Business | 3 |
| ENGL 101  | Composition & Rhetoric   | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| FYS 101   | First Year Seminar       | 3 |
|           | Fine Arts                | 3 |

### SECOND SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| ACCT 101 | Principles of Accounting I          | 3 |
| ENGL 202 | Advanced Composition (for Business) | 3 |
| CAIS 191 | Computer Concepts                   | 3 |
| SCI      | Natural Sciences Core               | 3 |
| BUAD 102 | Business Communications             | 3 |

### THIRD SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| MGMT200  | Work Force Dynamics             | 3 |
| ECON 202 | Principles of Economics - Micro | 3 |
| SOSC     | Social Science Core             | 3 |
| SCI      | Natural Science Core            | 3 |
| ACCT 103 | Managerial Accounting           | 3 |

### FOURTH SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| ECON 201 | Principles of Economics - Macro | 3 |
| CAIS 101 | Statistics                      | 3 |
| MKTG 205 | Principles of Marketing         | 3 |
| FIN 209  | Managerial Finance              | 3 |
| SOSC     | Social Science Core             | 3 |

### FIFTH SEMESTER

|         |                       |   |
|---------|-----------------------|---|
|         | Major Elective        | 3 |
| MGMT301 | Operations Management | 3 |
| HUM     | Humanities Core       | 3 |
|         | Free Elective         | 6 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT320  | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

### SEVENTH SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

### EIGHTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| MGMT350  | Business Policy and Strategy | 3 |
| CAPS 390 | Capstone Seminar             | 3 |
|          | Major Electives              | 6 |
|          | Free Elective                | 3 |

**Total Semester Hours** 

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120

### INTERNSHIP/CO-OP

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# Marketing Bachelor of Science Degree

## Assistant Dean-Student Services:

Dr. Timothy Raynor  
Mandeville Hall: 22  
Telephone: (203) 576-4687  
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E-mail: traynor@bridgeport.edu

## Curriculum and Program Requirements

In order to prepare for the varied demands of a career in marketing, the Marketing major courses follow an interdisciplinary approach, stressing fundamentals of behavioral analysis, decision-making, research, and the application of managerial techniques to marketing problems.

## Learning Outcomes

### LEARNING OBJECTIVES

Students 1) learn to create a marketing mix to market products, services and ideas to customers; 2) acquire the knowledge to develop marketing strategy; 3) learn how to effectively communicate marketing information to their various constituencies; and 4) develop an understanding of human behavior related to marketing activity.

### ASSESSMENT

Students will be evaluated and benchmarked with a standardized marketing test. Students' marketing knowledge and skills will be tested when they begin and finish the Marketing program with a program specific exam.

Students must earn a grade of "C" or higher in each of the four marketing major courses.

## Summary of Requirements

### CREDITS

|                                |           |
|--------------------------------|-----------|
| General Education Requirements | 33        |
| Marketing Program Requirements | 72        |
| Free Electives                 | 15        |
|                                | <hr/> 120 |

### GENERAL EDUCATION REQUIREMENTS

|          |                        |          |
|----------|------------------------|----------|
| ENGL 101 | Composition & Rhetoric | 3        |
| FYS 101  | First Year Seminar     | 3        |
| MATH 105 | Intermediate Algebra   | 3        |
| SCI      | Natural Sciences Core  | 6        |
| HUM      | Humanities Core        | 6        |
| FA       | Fine Arts Core         | 3        |
| CAPS 390 | Capstone Seminar       | 3        |
| SOSC     | Social Sciences Core   | 6        |
|          |                        | <hr/> 33 |

### PROGRAM REQUIREMENTS

|          |                              |          |
|----------|------------------------------|----------|
| ACCT 101 | Principles of Accounting I   | 3        |
| ACCT 103 | Managerial/Cost Accounting   | 3        |
| BLAW 251 | Business Law I               | 3        |
| BUAD 101 | Introduction to Business     | 3        |
| BUAD 102 | Business Communications      | 3        |
| BUAD 382 | Senior Project/Internship    | 3        |
| CAIS 101 | Statistics                   | 3        |
| CAIS 191 | Computer Concepts            | 3        |
| CAIS 201 | Introduction to CAIS         | 3        |
| ECON 201 | Principles of Econ - Macro   | 3        |
| ECON 202 | Principles of Econ - Micro   | 3        |
| ENGL 202 | Advanced Composition         | 3        |
| FIN 209  | Managerial Finance           | 3        |
| MGMT200  | Work Force Dynamics          | 3        |
| MGMT301  | Operations Management        | 3        |
| MGMT320  | Business Planning            | 3        |
| MGMT350  | Business Policy and Strategy | 3        |
| MKTG 205 | Principles of Marketing      | 3        |
|          | Marketing electives          | 18       |
|          |                              | <hr/> 72 |

### MARKETING MAJOR ELECTIVES

|          |                         |   |
|----------|-------------------------|---|
| MKTG 306 | Consumer Behavior       | 3 |
| MKTG 307 | Management of Promotion | 3 |
| MKTG 308 | Marketing Research      | 3 |
| MKTG 310 | Service Marketing       | 3 |
| MKTG 325 | Sales Management        | 3 |
| MKTG 342 | Multinational Marketing | 3 |
| MKTG 350 | Marketing Management    | 3 |

### FREE ELECTIVES 15

### Total Semester Hours 120

## Suggested Program

### FIRST SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| BUAD 101 | Introduction to Business | 3 |
| ENGL 101 | Composition & Rhetoric   | 3 |
| MATH 105 | Intermediate Algebra     | 3 |
| FYS 101  | First Year Seminar       | 3 |
|          | Fine Arts                | 3 |

### SECOND SEMESTER

|          |                                     |   |
|----------|-------------------------------------|---|
| ACCT 101 | Principles of Accounting I          | 3 |
| ENGL 202 | Advanced Composition (for Business) | 3 |
| CAIS 191 | Computer Concepts                   | 3 |
| SCI      | Natural Sciences Core               | 3 |
| BUAD 102 | Business Communications             | 3 |

### THIRD SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| MGMT200  | Work Force Dynamics             | 3 |
| ECON 202 | Principles of Economics - Micro | 3 |
| SOSC     | Social Science Core             | 3 |
| SCI      | Natural Science Core            | 3 |
| ACCT 103 | Managerial Accounting           | 3 |

### FOURTH SEMESTER

|          |                                 |   |
|----------|---------------------------------|---|
| ECON 201 | Principles of Economics - Macro | 3 |
| CAIS 101 | Statistics                      | 3 |
| MKTG 205 | Principles of Marketing         | 3 |
| FIN 209  | Managerial Finance              | 3 |
| SOSC     | Social Science Core             | 3 |

### FIFTH SEMESTER

|         |                       |   |
|---------|-----------------------|---|
|         | Major Elective        | 3 |
| MGMT301 | Operations Management | 3 |
| HUM     | Humanities Core       | 3 |
|         | Free Elective         | 6 |

### SIXTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| BLAW 251 | Business Law I       | 3 |
| CAIS 201 | Introduction to CAIS | 3 |
| MGMT320  | Business Planning    | 3 |
| HUM      | Humanities Core      | 3 |
|          | Free Elective        | 3 |

### SEVENTH SEMESTER

|          |                           |   |
|----------|---------------------------|---|
| BUAD 382 | Senior Project/Internship | 3 |
|          | Major Elective            | 9 |
|          | Free Elective             | 3 |

### EIGHTH SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| MGMT350  | Business Policy and Strategy | 3 |
| CAPS 390 | Capstone Seminar             | 3 |
|          | Major Electives              | 6 |
|          | Free Elective                | 3 |

### Total Semester Hours 120

### INTERNSHIP/CO-OP

Students are encouraged to pursue additional co-op experience as described on page 35 using the BUAD-200 course up to three times (one credit each). These credits will be used as part of the student's degree program.

# Martial Arts Studies *Bachelor of Arts Degree*

*Martial Arts Institute Director and Program Co-Chair:* Yongbom Kim  
Telephone: (203) 576-4966  
E-mail: ybkim@bridgeport.edu

## Curriculum and Program Requirements

The University of Bridgeport's Martial Arts Studies program is the first degree-granting Martial Arts Studies program in the United States. A challenging program with a Liberal Arts focus, it provides a theoretical and practical understanding of the Martial Arts of East Asia which have a history of 5000 years. Students may choose from practical foci in Taekwondo, Taiji, or Karate. The program is designed to explore questions such as the role of East Asian philosophy in the Martial Arts and the psychosocial effects of the practice of the Martial Arts. Through the relationships with their teachers and their peers, the student is meant to experience a growing sense of community and shared responsibility.

The program, offered through the University's College of Public and International Affairs, examines four dimensions of the Martial Arts, including 1) the historical and philosophical roots of the Martial Arts, 2) the languages and cultures of the societies in which the Martial Arts originated and developed, 3) in-depth study of at least one of the Martial Arts, 4) the psychosocial dimensions of the Martial Arts with a special focus on the impact that the Martial Arts have upon the human personality and upon interpersonal relations.

Students in the program may choose one of several career tracks: A Criminal Justice track; a Health Science track; or a Business track.

## Learning Outcomes

Martial Arts Studies students will: 1) demonstrate critical thinking skills; 2) demonstrate basic math and science skills; 3) demonstrate strong written and oral communication skills; 4) demonstrate competency in the history, theory and practice of at least one of the Martial Arts and a good working knowledge of at least one other; 5) demonstrate a grasp of the various Martial Arts' notion of "self cultivation" and be able to relate it to their own personal growth; 6) demonstrate the practical leadership skills and intercultural literacy needed to assume entry level leadership positions in business, government, and in civil

society; 7) develop appreciation of diversity in the world and in intellectual areas such as but not limited to the humanities and the social sciences; and 8) show the desire and ability to pursue learning throughout life.

*\* Note that for all College of Public and International Affairs majors, a portfolio is collected to track progress in programmatic outcomes. In martial arts practica, there is regular testing and monitoring of competencies as students go through each level of a martial art.*

## Summary of Requirements

|              |                                       |   |
|--------------|---------------------------------------|---|
| WREL 205     | Buddhism                              | 3 |
| WREL 229     | Taoism                                | 3 |
| MARTS 261    | Psychosocial Aspects of Martial Arts  |   |
| or SOC 339   | Sociology of Sports                   | 3 |
| MARTS 212    | The History of Martial Arts           | 3 |
| MARTS 213    | Martial Arts and East Asian Thought   | 3 |
| MARTS 234    | Issues in Taijiquan                   |   |
| or MARTS 235 | Issues in Taekwondo                   | 3 |
| MARTS 278    | Survey of the Martial Arts            | 3 |
| MARTS 311    | Communication and the Martial Arts    |   |
| or MCOM 290  | Intercultural Communication           | 3 |
| MARTS 312    | Image and Reality in the Martial Arts | 3 |
| MARTS 398    | Internship                            | 3 |
| MARTS 395    | Senior Thesis/Presentation            | 3 |

## Foundation Practica

Choose from one of the following practica:

|  |          |
|--|----------|
| Taekwondo Practicum 1-8 or Taiji Practicum 1-8 | 8        |
|  | <hr/> 41 |

**FREE ELECTIVES** \_\_\_\_\_ **21**

## CONCENTRATIONS

(students may choose from one of the following concentrations):

### CONCENTRATION IN BUSINESS: \_\_\_\_\_

|             |                          |          |
|-------------|--------------------------|----------|
| ECON 201    | Macro Economics          |          |
| or ECON 202 | Micro Economics          |          |
| MKTG 305    | Principles of Marketing  |          |
| MGMT 301    | Operations Management    |          |
| MGMT 302    | Multicultural Management |          |
|             |                          | <hr/> 12 |

### HEALTH SCIENCE TRACK: \_\_\_\_\_

|             |                           |             |
|-------------|---------------------------|-------------|
| CHEM 103    | General Chemistry I       |             |
| BIOL 113    | Anatomy and Physiology I  |             |
| BIOL 114    | Anatomy and Physiology II |             |
| CHEM 104    | General Chemistry II      |             |
| or PHYS 201 | General Physics I         |             |
| or NUTR 107 | Basic Nutrition           |             |
|             |                           | <hr/> 14-16 |

### CRIMINAL JUSTICE TRACK: \_\_\_\_\_

|             |   |          |
|-------------|---|----------|
| SOC 315     | Criminology                               |          |
| SOC 311     | Juvenile Delinquency                      |          |
| SOC 270     | Sociology of Deviance                     |          |
| PSCI 223    | Introduction to the American Legal System |          |
| PSCI 101    | American Government                       |          |
| PSCI 333    | Terror Network                            |          |
| or HUSV 315 | Substance Abuse and Chemical Dependency   |          |
|             |   | <hr/> 15 |

### GENERAL EDUCATION REQUIREMENTS \_\_\_\_\_

|           |                            |          |
|-----------|----------------------------|----------|
| ENGL C101 | Composition & Rhetoric     | 3        |
| MATH C105 | Intermediate Algebra       | 3        |
| HUM       | Humanities Core            | 6        |
| SOSC      | Social Sciences Core       | 3        |
| PSYC 103  | Introduction to Psychology | 3        |
| FA        | Fine Arts Core             | 3        |
| FYS 101   | First Year Seminar         | 3        |
| SCI       | Natural Science Core       | 6        |
| CAPS C390 | Capstone Seminar           | 3        |
|           | Liberal Arts Electives     | 7        |
|           |                            | <hr/> 40 |

**Total Semester Hours** \_\_\_\_\_ **120**

Entering students with experience in Taekwondo, Taiji will be tested and placed in a class, which corresponds to their level of proficiency in the martial arts that they chose. Students with no experience in Taekwondo would start in level 1 and normally would graduate after four years having completed levels 1 through 8. Students entering into Taekwondo who already hold a Black Belt could advance as high as level 16 by the completion of their studies.

Similar to Taekwondo, as explained in the footnote above, students will be ranked and placed in appropriate level if they enter the program with advanced experience in Taiji.

Free electives also can be used to complete a minor/track or a concentration.

## Suggested Program

### FIRST SEMESTER \_\_\_\_\_

|                       |                          |   |
|-----------------------|--------------------------|---|
| ENGL C101             | Composition & Rhetoric   | 3 |
| MATH C105             | Intermediate Algebra     | 3 |
| CHN, JPN, KORN 101    | Foreign Language Level I | 3 |
| WREL 205              | Buddhism                 | 3 |
| MARTS 110             | Taekwondo 1              |   |
| or MARTS 121          | Taiji Practicum 1        |   |
| or Karate Practicum 1 |                          | 1 |
| FYS 101               | First Year Seminar       | 3 |



# Martial Arts Studies *Bachelor of Arts Degree*

## SECOND SEMESTER

|                |                                       |   |
|----------------|---------------------------------------|---|
| MARTS 111      | Taekwondo 2                           |   |
| or MARTS 122   | Taiji Practicum 2                     | 1 |
| CHN, JPN, KORN | 102                                   |   |
|                | Foreign Language Level II             | 3 |
| WREL 216       | Daoism                                | 3 |
| MARTS 212      | The History of Martial Arts           | 3 |
| SCI            | Natural Science Core                  | 3 |
|                | Free Elective / Minor / Concentration | 3 |

## THIRD SEMESTER

|                |                                       |   |
|----------------|---------------------------------------|---|
| HUM            | Humanities Core                       | 3 |
| PSYC 103       | Introduction to Psychology            | 3 |
| CHN, JPN, KORN | 103                                   |   |
|                | Foreign Language Level III            | 3 |
| MARTS 112      | Taekwondo 3                           |   |
| or MARTS 123   | Taiji Practicum 3                     | 1 |
| MARTS 213      | Martial Arts & East Asian Thought     | 3 |
|                | Free Elective / Minor / Concentration | 3 |

## FOURTH SEMESTER

|                |                                     |   |
|----------------|-------------------------------------|---|
| SOSC           | Social Sciences Core                | 3 |
| SCI            | Natural Science Core                | 3 |
| CHN, JPN, KORN | 104                                 |   |
|                | Foreign Language Level IV           | 3 |
| MARTS 114      | Taekwondo 4                         |   |
| or MARTS 124   | Taiji Practicum 4                   | 1 |
| MARTS 312      | Image & Reality in the Martial Arts | 3 |
|                | Free Elective/Minor/Concentration   | 3 |

## FIFTH SEMESTER

|              |                                      |   |
|--------------|--------------------------------------|---|
| FA           | Fine Arts Core                       | 3 |
| PSYC 216     | Psychological Aspect of Martial Arts | 3 |
| MARTS 241    | Taekwondo 5                          |   |
| or MARTS 251 | Taiji Practicum 5                    | 1 |
| MARTS 278    | Survey of the Martial Arts           | 3 |
| MARTS 311    | Communications & Martial Arts        | 3 |
|              | Free Elective/Minor/Concentration    | 3 |

## SIXTH SEMESTER

|              |                                   |   |
|--------------|-----------------------------------|---|
| MARTS 242    | Taekwondo 6                       |   |
| or MARTS 252 | Taiji Practicum 6                 | 1 |
| PSCI 321     | Political Economy of East Asia    | 3 |
| MARTS 234    | Issues in Taiji                   |   |
| or MARTS 235 | Issues in Taekwondo               | 3 |
|              | Liberal Arts Elective             | 3 |
|              | Free Elective/Minor/Concentration | 3 |

## SEVENTH SEMESTER

|              |                                       |   |
|--------------|---------------------------------------|---|
| CAPS 390     | Capstone Seminar                      | 3 |
| HUM          | Humanities Core                       | 3 |
| MARTS 243    | Taekwondo 7                           |   |
| or MARTS 253 | Taiji Practicum 7                     | 1 |
|              | Liberal Arts Elective                 | 4 |
|              | Free Elective / Minor / Concentration | 3 |

## EIGHTH SEMESTER

|              |                                       |   |
|--------------|---------------------------------------|---|
| MARTS 244    | Taekwondo 8                           | 1 |
| or MARTS 244 | Taiji Practicum 8                     |   |
| MARTS 395    | Senior Thesis / Presentation          | 3 |
| MARTS 398    | Internship                            | 3 |
|              | Free Elective / Minor / Concentration | 6 |

**Total Semester Hours** \_\_\_\_\_ **120**

\*Students who do not meet the modern language requirement for the B.A. degree must use 3-12 semester hours free electives, depending on their level of competency, to satisfy this requirement.

# Mass Communication Bachelor of Arts Degree

Chair: Yanmin Yu  
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 E-mail: yanmin@bridgeport.edu

## Curriculum and Program Requirements

The Bachelor of Arts degree is awarded in Mass Communication, with concentrations in Advertising, International Communication, Fashion Business communication, Journalism, Public Relations, and Sports Communications. The Mass Communication Program offers students an interdisciplinary foundation in the basic theory and skills necessary to become media practitioners and more informed media consumers. Students have the opportunity for internships and independent projects that allow them to have real world experience in the mass media professions. Graduates of this program have gone on to a variety of careers in the media field, including those in advertising, corporate communication, public relations, journalism, and broadcasting. Recent graduates have also gone onto top graduate program in Journalism and Mass Communication.

Students attaining the degree in Mass Communication must complete 36 hours of coursework in the Mass Communication area. All students must complete the 12-hour core requirements. In addition, students must complete 12 hours in one of the concentrations.

In addition to the 12-hour core and 12-hour concentration, students are also required to complete an additional 12-hour elective coursework in Mass Communication for a total of 36 hours. Students are required to successfully pass courses in Mass Communication with a grade of C or better. Semester hours earned for a grade below C in an elective Mass Communication course (including those no longer offered), not raised to a C or better, will be added beyond the 120 otherwise needed for graduation.

## Internships, Cooperative Education

Students are strongly encouraged to obtain working experience in the Mass Communication field through either the cooperative education program or the internship program. To participate in either co-op or internship, students must meet the following requirements:

- be of junior standing
- have completed at least 18 hours of coursework in mass communication
- have at least a 2.5 QPA in mass communication with no grade below a C-minus
- be a student in good academic standing at the university

Students may apply three (3) semester hours of co-op internship or independent study to the thirty-six (36) hours required in the mass communication major. Additional hours of co-op, internship or independent study credit may be applied to general elective credits required for graduation.

## Depth Study

Students are encouraged to obtain a minor of 18-24 semester hours in another department, or a concentration of 15 semester hours of related courses outside Mass Communication minor and concentrations should be chosen in consultation with an advisor.

## Learning Outcomes

Students of the B.A. in Mass Communication Program will: 1) demonstrate effective speaking and listening skills for communication in personal, public, and media areas; 2) demonstrate effective writing skills for communication in personal, public, and media areas; 3) demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people's writings; 4) demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives; 5) demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels; 6) demonstrate an understanding of the roles of communication in fostering interaction and interdependence across gender, race, and culture; 7) demonstrate the ability to apply communication theories to analyze contemporary problems; 8) demonstrate an understanding of the history, development, and practice of the print media, electronic media, and the new media.

*\* Note that for all College of Public and International Affairs majors, a portfolio is collected to track progress in programmatic outcomes.*

## Summary of Requirements

### PROGRAM REQUIREMENTS (36 SEMESTER HOURS)

#### MASS COMMUNICATION CORE

|          |                                      |    |
|----------|--------------------------------------|----|
| MCOM 110 | Public Communication                 | 3  |
| MCOM 111 | Introduction to Mass Communication   | 3  |
| MCOM 211 | Communication Theory                 | 3  |
| MCOM 395 | Senior Seminar in Mass Communication | 3  |
|          |                                      | 12 |

#### CONCENTRATIONS

Choice of 15 semester hours in one of the concentrations listed below

#### ADVERTISING

|   |                              |    |
|---|------------------------------|----|
| MCOM 220                                    | Introduction to Advertising  | 3  |
| <b>Take FOUR course from the following:</b> |                              |    |
| MCOM 323                                    | Advertising Copywriting      | 3  |
| MCOM 330                                    | Advertising Media Planning   | 3  |
| MCOM 339                                    | Advertising and PR Campaigns | 3  |
| MCOM 201                                    | Persuasive Communication     | 3  |
| MCOM 270                                    | Public Relations             | 3  |
| MCOM 357                                    | Portfolio Project            | 3  |
|   |                              | 15 |

#### INTERNATIONAL COMMUNICATION

|   |  |    |
|---|--|----|
| MCOM 290  | Intercultural Communication              | 3  |
| <b>(Plus any four of the following courses)</b> |  |    |
| MCOM 284  | Business and Professional Communication  | 3  |
| SOC 231   | Cultural Anthropology                    | 3  |
| PSCI 206  | Pol. Eco. of North/South Relations       | 3  |
| PSCI 204  | Government and Politics Abroad           | 3  |
| PSCI 305  | International Relations                  |    |
| or PSCI 207                                     | World Politics                           |    |
| or PSCI 312                                     | Diplomacy & Foreign Policy               |    |
| or PSCI 209                                     | Intro to United Nations Studies          | 3  |
| WREL 275  | Religion, Conflict and Mediation         | 3  |
| WREL 305  | Comparative Religious Ethics             | 3  |
| WREL 374  | Religion and Politics in the Middle East | 3  |
| WREL 348  | Religion and Society                     | 3  |
| WREL 288  | Internet Religion                        | 3  |
| WREL 305  | Comparative Religious Ethics             | 3  |
| WREL 348  | Religion and Society                     | 3  |
|   |  | 15 |

#### FASHION JOURNALISM

|          |                               |   |
|----------|-------------------------------|---|
| MCOM 247 | Fashion Journalism            | 3 |
| FM 101   | Fashion Fundamentals          | 3 |
| MCOM 392 | Fashion Journalism Internship | 3 |

#### Take TWO courses from the following:

|          |                                 |   |
|----------|---------------------------------|---|
| MCOM 240 | News Reporting & Writing        | 3 |
| MCOM 284 | Business and Prof Communication | 3 |
| MCOM 341 | Magazine and Feature Writing    | 3 |

# Mass Communication *Bachelor of Arts Degree*

|          |                                |   |
|----------|--------------------------------|---|
| MCOM 345 | Newspaper Editing & Production | 3 |
| MCOM 390 | Media Law and Ethics           | 3 |

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## JOURNALISM

|          |                                  |   |
|----------|----------------------------------|---|
| MCOM 240 | News Reporting                   | 3 |
| MCOM 341 | Magazine and Feature Writing     | 3 |
| MCOM 345 | Newspaper Editing and Production | 3 |
| MCOM 360 | Broadcast Journalism             | 3 |
| MCOM 390 | Media Law and Ethics             | 3 |

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## PUBLIC RELATIONS

|          |                  |   |
|----------|------------------|---|
| MCOM 270 | Public Relations | 3 |
|----------|------------------|---|

### Take FOUR course from the following:

|          |                              |   |
|----------|------------------------------|---|
| MCOM 201 | Persuasive Communication     | 3 |
| MCOM 346 | Media Management             | 3 |
| MCOM 384 | Organizational Communication | 3 |
| MCOM 339 | Advertising and PR Campaigns | 3 |
| MCOM 370 | Publicity Methods            | 3 |

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## SPORTS JOURNALISM

|          |                              |   |
|----------|------------------------------|---|
| MCOM 251 | Sports Journalism            | 3 |
| MCOM 398 | Sports Journalism Internship | 3 |

### Take THREE course from the following:

|          |                               |   |
|----------|-------------------------------|---|
| MCOM 240 | News Reporting & Writing      | 3 |
| MCOM 255 | Sports Business and Marketing | 3 |
| MCOM 360 | Broadcast Journalism          | 3 |
| MCOM 341 | Magazine and Feature Writing  | 3 |
| MCOM 354 | Media, Sports, & Society      | 3 |
| PSYC 355 | Sports Psychology             | 3 |
| MCOM 390 | Media Law and Ethics          | 3 |

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**MASS COMMUNICATION ELECTIVES** \_\_\_\_\_ **12**

**FREE ELECTIVES\*** \_\_\_\_\_ **33**

**FOREIGN LANGUAGE** \_\_\_\_\_ **6**

## GENERAL EDUCATION REQUIREMENTS

|           |                          |   |
|-----------|--------------------------|---|
| ENGL C101 | Composition and Rhetoric | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| HUM       | Humanities Core          | 6 |
| SOSC      | Social Science Core      | 6 |
| FA        | Fine Arts Core           | 3 |
| SCI       | Natural Science Core     | 6 |
| FYS 101   | First Year Seminar       | 3 |
| CAPS C390 | Capstone Seminar         | 3 |
|           | Liberal Arts Electives   | 7 |

**TOTAL SEMESTER HOURS** \_\_\_\_\_ **120**

## Suggested Program (Advertising)

### FIRST SEMESTER

|           |                          |   |
|-----------|--------------------------|---|
| FYS C101  | First Year Seminar       | 3 |
| ENGL C101 | Composition and Rhetoric | 3 |
| HUM       | Humanities               | 3 |
| MCOM 110  | Public Communication     | 3 |
|           | Foreign Language 101     | 3 |

### SECOND SEMESTER

|              |                                    |   |
|--------------|------------------------------------|---|
| MATH C105    | Intermediate Algebra               |   |
| or MATH C108 | Ideas of Mathematics               | 3 |
| HUM          | Humanities Core                    | 3 |
| MCOM 111     | Introduction to Mass Communication | 3 |
|              | Foreign Language 102               | 3 |
|              | Elective                           | 3 |

### THIRD SEMESTER

|             |                             |   |
|-------------|-----------------------------|---|
| SOSC        | Social Science              | 3 |
| FA          | Fine Arts Core              | 3 |
| MCOM 211    | Communication Theory        | 3 |
| MCOM 220    | Introduction to Advertising |   |
| or MCOM 270 | Public Relations            | 3 |
|             | Elective                    | 3 |

### FOURTH SEMESTER

|             |                             |   |
|-------------|-----------------------------|---|
| SOSC        | Social Science Core         | 3 |
| MCOM 323    | Advertising Copywriting     |   |
| or MCOM 370 | Publicity Methods           | 3 |
|             | Mass Communication Elective | 3 |
|             | Elective                    | 6 |

### FIFTH SEMESTER

|          |                             |   |
|----------|-----------------------------|---|
| SCI      | Natural Science Core        | 3 |
| MCOM 330 | Advertising Media Planning  | 3 |
|          | Mass Communication Elective | 3 |
|          | Elective                    | 3 |
|          | Liberal Arts Elective       | 3 |

### SIXTH SEMESTER

|      |                              |   |
|------|------------------------------|---|
| SCI  | Natural Science Core         | 3 |
| MCOM | Advertising and PR Campaigns | 3 |
|      | Mass Communication Elective  | 3 |
|      | Liberal Arts Elective        | 3 |
|      | Elective                     | 3 |

### SEVENTH SEMESTER

|             |                                      |   |
|-------------|--------------------------------------|---|
| CAPS C390   | Capstone Seminar                     |   |
| or MCOM 395 | Senior Seminar in Mass Communication | 3 |
|             | Mass Communication Elective          | 3 |
|             | Liberal Arts Elective                | 3 |
|             | Electives                            | 6 |

### EIGHTH SEMESTER

|           |                  |    |
|-----------|------------------|----|
| CAPS C390 | Capstone Seminar | 3  |
|           | Electives        | 12 |

**Total Semester Hours** \_\_\_\_\_ **120**

\*Students who do not meet the modern language requirement for the B.A. degree must use 3-12 semester hours free electives, depending on their level of competency, to satisfy this requirement.

# Mathematics Bachelor of Arts Degree

*Chair:*

Charles Dana Hall, Room 151  
 Telephone: (203) 576-4268  
 Fax: (203) 576-4051  
 E-mail:

## Curriculum and Program Requirements

Mathematics programs at the University of Bridgeport are designed to prepare the student for graduate work in applied mathematics and allied areas, industrial employment and government employment as well as for careers in teaching, actuarial science and the quantitative areas of the biological and social sciences.

Bachelor of Arts requires a total of 30 semester hours in mathematics and at least three additional semester hours from mathematics or related area courses numbered 200 or above. All degree programs in Mathematics require Computer Science 101 and 102.

Students may take additional mathematics electives; those who intend to go to graduate school are advised to elect one or more of those 400 level mathematics courses which are open to undergraduates and described in the graduate catalog. A total of 120 semester hours is required for graduation.

For any of these major or minor degrees, the student is expected to work out a meaningful program with his/her advisor.

The following year-by-year course displays are to be regarded as illustrative of a typical program leading to a Bachelor's degree in mathematics with a total of 120 semester hours required for graduation.

## Learning Outcomes

Students with a B.A. in Mathematics will 1) have learned fundamental knowledge of Mathematics and be prepared to pursue graduate study in mathematics; 2) have well-developed quantitative and analytical skills; 3) be able to use skills in mathematical reasoning and critical thinking to understand and analyze phenomena of nature, modern science and society; 4) be able to make inferences from data and to communicate, prove and justify their findings; 5) be prepared for various qualifying examinations such as the GRE and PRAXIS.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|          |                                    |           |
|----------|------------------------------------|-----------|
| MATH 110 | Calculus and Analytic Geometry I   | 4         |
| MATH 112 | Calculus and Analytic Geometry II  | 4         |
| MATH 214 | Linear Algebra                     | 3         |
| MATH 215 | Calculus and Analytic Geometry III | 4         |
| MATH 227 | Discrete Structures                | 3         |
| MATH 301 | Differential Equations             | 3         |
| MATH 314 | Numerical Methods                  | 3         |
| MATH 323 | Probability and Statistics I       | 3         |
|          | Mathematics electives*             | 3         |
|          | Mathematics or cognate electives*  | 3         |
| CPSC 101 | Introduction to Computing I        | 4         |
| CPSC 102 | Introduction to Computing II       | 4         |
|          |                                    | <b>39</b> |

### GENERAL EDUCATION

#### REQUIREMENTS

|              |                        |           |
|--------------|------------------------|-----------|
| MCOM 110     | Public Communication   | 3         |
| FYS 101      | First Year Studies     | 3         |
| ENGL C101    | Composition & Rhetoric | 3         |
| PHYS 111/112 | Principles I & II      | 8         |
| HUM          | Humanities Core        | 6         |
| FA           | Fine Arts Core         | 3         |
| SOSC         | Social Sciences Core   | 6         |
|              | Liberal Arts Electives | 5         |
| CAPS C390    | Capstone Seminar       | 3         |
|              |                        | <b>40</b> |

**FOREIGN LANGUAGE\*\*** \_\_\_\_\_ **6**

**FREE ELECTIVES** \_\_\_\_\_ **35**

**Total Semester Hours** \_\_\_\_\_ **122**

\* Mathematics and cognate courses at the 200 level or higher.

\*\* Six credit hours of a single language.

## Suggested Program

### FIRST YEAR

|           |                              |   |
|-----------|------------------------------|---|
| ENGL C101 | Composition & Rhetoric       | 3 |
| MATH 110  | Calculus I                   | 4 |
| CPSC 101  | Introduction to Computing I  | 4 |
| FYS       | First Year Seminar           | 3 |
| MATH 112  | Calculus II                  | 4 |
| PHYS 111  | Principles of Physics I      | 4 |
| CPSC 102  | Introduction to Computing II | 4 |
|           | Foreign Language I           | 3 |
| MCOM110   | Public Communication         | 3 |

### SECOND YEAR

|          |                            |   |
|----------|----------------------------|---|
| MATH 214 | Linear Algebra             | 3 |
| MATH 215 | Calculus III               | 4 |
| PHYS 112 | Principles of Physics II   | 4 |
| FA       | Fine Arts Core             | 3 |
|          | Foreign Language II        | 3 |
| MATH 301 | Diff. Equations            | 3 |
| MATH 323 | Probability & Statistics I | 3 |
| SOSC     | Social Sciences Core       | 3 |
| PHYS 209 | Principles of Physics III  | 4 |

### THIRD YEAR

|          |                      |   |
|----------|----------------------|---|
| MATH 314 | Numerical Methods    | 3 |
| Math     | Electives            | 6 |
|          | Free Electives       | 6 |
| MATH 227 | Discrete Math        | 3 |
| SOSC     | Social Sciences Core | 3 |
| MATH 391 | Modern Algebra       | 3 |
| HUM      | Humanities Core      | 6 |

### FOURTH YEAR

|           |                          |   |
|-----------|--------------------------|---|
| HUM       | Humanities Elective      | 3 |
| SOSC      | Social Sciences Elective | 3 |
| Math      | Electives                | 9 |
| MATH 399  | Topic in Math            | 3 |
|           | Free Electives           | 9 |
| Caps C390 | Capstone Seminar         | 3 |

**Total Semester Hours** \_\_\_\_\_ **122**

# Mathematics Bachelor of Science Degree

*Chair:*

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 Fax: (203) 576-4051  
 E-mail:

## Curriculum and Program Requirements

Bachelor of Science in Mathematics is, primarily, a program in applied mathematics. It provides the student with the fundamentals of major areas of mathematics, with special emphasis on those branches of mathematics that are important in applications. The program provides the necessary background for students who wish to apply mathematics in the natural sciences, as well as for a career in business. Employment opportunities for applied mathematicians exist in industries, medical technology, and financial institutions.

Students are encouraged to select an area of concentration in addition to satisfying the program requirements. Choices for a concentration include the natural sciences, computer science, social sciences or education.

Bachelor of Science requires a total of 30 semester hours in mathematics and at least 9 semester hours in mathematics or cognate areas. Students may take additional mathematics electives; those who intend to go to graduate school are advised to elect one or more of those 400 level mathematics courses which are open to undergraduates and described in the graduate catalog. Computer Science 101 and 102 are required, including their laboratory components. A total of 120 semester hours is required for graduation.

### MATHEMATICS MINOR

Students wishing to obtain a minor in mathematics must take Math 110, Math 112, Math 215 and at least 2 courses at the 200 level or higher.

For any of these major or minor degrees, the student is expected to work out a meaningful program with his/her advisor. The following year-by-year course displays are to be regarded as illustrative of a typical program leading to a Bachelor's degree in mathematics with a total of 120 semester hours required for graduation.

### Learning Outcomes

Students with a B.S. in Mathematics will 1)

have learned fundamental knowledge of Mathematics and be prepared to pursue graduate study in mathematics; 2) have well-developed quantitative and analytical skills; 3) be able to use skills in mathematical reasoning and critical thinking to understand and analyze phenomena of nature, modern science and society; 4) be able to make inferences from data and to communicate, prove and justify their findings; 5) be prepared for various qualifying examinations such as the GRE and PRAXIS.

## Summary of Requirements

### PROGRAM REQUIREMENTS

|          |                                    |       |
|----------|------------------------------------|-------|
| MATH 110 | Calculus and Analytic Geometry I   | 4     |
| MATH 112 | Calculus and Analytic Geometry II  | 4     |
| MATH 214 | Linear Algebra                     | 3     |
| MATH 215 | Calculus and Analytic Geometry III | 4     |
| MATH 227 | Discrete Structures                | 3     |
| MATH 301 | Differential Equations             | 3     |
| MATH 314 | Numerical Methods                  | 3     |
| MATH 323 | Probability and Statistics I       | 3     |
|          | Mathematics electives*             | 3     |
|          | Mathematics or cognate electives*  | 9     |
| CPSC 101 | Introduction to Computing I        | 4     |
| CPSC 102 | Introduction to Computing II       | 4     |
|          |                                    | <hr/> |
|          |                                    | 47    |

|                                     |           |
|-------------------------------------|-----------|
| <b>ELECTIVES (IN CONCENTRATION)</b> | <b>33</b> |
|                                     | <hr/>     |
|                                     | 80        |

### GENERAL EDUCATION REQUIREMENTS

|              |                        |       |
|--------------|------------------------|-------|
| MCOM 110     | Public Communication   | 3     |
| ENGL C101    | Composition & Rhetoric | 3     |
| PHYS 111/112 | Principles I & II      | 8     |
| HUM          | Humanities Core        | 6     |
| FYS 101      | First Year Studies     | 3     |
| FA           | Fine Arts Core         | 3     |
| SOSC         | Social Sciences Core   | 6     |
| CAPS C390    | Capstone Seminar       | 3     |
|              | Liberal Arts Electives | 5     |
|              |                        | <hr/> |
|              |                        | 40    |

|                             |            |
|-----------------------------|------------|
| <b>Total Semester Hours</b> | <b>120</b> |
|-----------------------------|------------|

\* Mathematics and cognate courses at the 200 level or higher.

## Suggested Program

### FIRST YEAR

|           |                              |   |
|-----------|------------------------------|---|
| ENGL C101 | Composition & Rhetoric       | 3 |
| MATH 110  | Calculus I                   | 4 |
| CPSC 101  | Introduction to Computing I  | 4 |
| MCOM 110  | Public Communication         | 3 |
| FYS       | First Year Seminar           | 3 |
| MATH 112  | Calculus II                  | 4 |
| PHYS 111  | Principles of Physics I      | 4 |
| CPSC 102  | Introduction to Computing II | 4 |

### SECOND YEAR

|          |                            |   |
|----------|----------------------------|---|
| MATH 214 | Linear Algebra             | 3 |
| MATH 215 | Calculus III               | 4 |
| PHYS 112 | Principles of Physics II   | 4 |
| FA       | Fine Arts Core             | 3 |
|          | Foreign Language I         | 3 |
| MATH 301 | Diff. Equations            | 3 |
| MATH 323 | Probability & Statistics I | 3 |
|          | Foreign Language II        | 3 |
| SOSC     | Social Sciences Core       | 3 |
| PHYS 209 | Principles of Physics III  | 4 |

### THIRD YEAR

|          |                              |   |
|----------|------------------------------|---|
| MATH 314 | Numerical Methods            | 3 |
|          | Electives (in concentration) | 3 |
| HUM      | Humanities Core              | 6 |
|          | Free Electives               | 3 |
| MATH 227 | Discrete Math                | 3 |
| MATH 401 | Advanced Anal. I             | 3 |
| MATH 402 | Advanced Anal. II            | 3 |
| SOSC     | Social Sciences Core         | 3 |
| MATH 391 | Modern Algebra               | 3 |

### FOURTH YEAR

|           |                              |   |
|-----------|------------------------------|---|
| MATH      | Math elective                | 6 |
| MATH 399  | Topic in Math                | 3 |
|           | Electives (in concentration) | 6 |
|           | Free Electives               | 7 |
| MATH 424  | Mathematical Statistics II   | 3 |
| CAPS C390 | Capstone Seminar             | 3 |

|                             |            |
|-----------------------------|------------|
| <b>Total Semester Hours</b> | <b>120</b> |
|-----------------------------|------------|

# Mechanical Engineering *Bachelor of Science Degree*

*Chair:* Junling Hu  
 Engineering Technology Building  
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## Curriculum and Program Requirements

Mechanical engineers apply the principles of motion, force, energy, and materials for the design, development, analysis, manufacturing, testing and maintenance of mechanical systems. Mechanical engineers are suited for employment in a wide range of industries, including aerospace, automotive, biomedical, chemical, electronics, robotics, power-generation, sports, and telecommunication.

The mechanical engineering program combines in depth studies with lab and project experience to help students acquire knowledge and skills needed for successful careers or graduate studies. Students develop competence or acquire knowledge in a many areas, including engineering fundamentals, computer aided engineering tools, communication skills, design of individual components and multicomponent systems, manufacturing processes, mechanical systems, professional ethics, laboratory exploration, and more.

The graduate of this program will obtain a foundation in mathematics and science for the mechanical engineering courses offered in the third and fourth years. In their senior year, students have the opportunity to broaden and deepen their technical background through three advanced elective courses and design projects in applied areas such as aerospace engineering, mechanical design, manufacturing and materials processing, thermal and fluid engineering, mechatronics and automation, and biomedical engineering. Engineering design experience using CAD/CAM systems are integrated throughout the curriculum.

A total of 121 semester hours are required for graduation.

## Program Objectives

Our Mechanical Engineering graduates will:

1. Develop problem solving skills by providing solutions to the problems in industry, academia as well as other disciplines in the field they choose to pursue. [Problem Solving]

2. Demonstrate the capacity to embrace new opportunities and adapt to changes in emerging technologies, developing future state-of-the art designs and products. [Engineering System Design]
3. Demonstrate leadership skills and facilitate the achievement of others while collaborating with professionals in a multidisciplinary environment. [Communication]
4. Demonstrate their creative and critical reasoning skills while solving technical problems, ethically and responsibly, in service to society. [Contemporary issues]
5. Engage in life-long learning for adaptation to a continuously changing field through graduate work, professional development, and self-study. [LLL/Work/Grad School]

## Learning Outcomes

Our Mechanical Engineering graduates will:

1. Demonstrate knowledge and the ability to apply knowledge of math, science and engineering in the analysis of mechanical engineering problems. [Fundamentals]
2. Have an ability to design and conduct scientific and engineering experiments and to analyze and interpret data. [Experiment/ Results]
3. Demonstrate knowledge of core mechanical engineering topics and an ability to design mechanical components and systems. [Design]
4. Exhibit an ability to function in a multidisciplinary team. [Team Work]
5. Exhibit an ability to identify, formulate and solve mechanical engineering problems. [Problem Solving]
6. Demonstrate knowledge of contemporary global and societal issues and their relationship to professional ethics and engineering solutions. [Ethics/Profession]
7. Exhibit an ability to convey technical material through oral presentation and formal written reports/paper. [Communication]
8. Demonstrate the ability to identify and apply concepts of engineering economics and project planning. [Engr Econ/Planning]
9. Have an awareness of the need and the ability to demonstrate learning throughout life along with an appreciation of the diversity in the world and intellectual areas. [Diversity and LLL]

10. Demonstrate the ability to use techniques, skills and modern engineering tools for design and analysis. [Techniques/Skills]

## ENGINEERING CORE REQUIREMENTS

|              |                                      |           |
|--------------|--------------------------------------|-----------|
| CHEM 103     | General Chemistry I                  | 4         |
| CPSC 101     | Introduction to Computing I          | 3         |
| ELEG 233/235 | Electrical Engineering I w/lab       | 4         |
| ENGR 111     | Introduction to Engineering I        | 3         |
| ENGR 300     | Econ. and Management of Engr Project | 3         |
| MATH 215     | Calculus III                         | 4         |
| MATH 301     | Differential Equations               | 3         |
| MATH 323     | Probability and Statistics           | 3         |
|              | <b>Total</b>                         | <b>27</b> |

## PROGRAM REQUIREMENTS

|              |  |           |
|--------------|--|-----------|
| MEEG 112     | Engineering Graphics                     | 3         |
| MEEG 223     | Materials Science for Engineers          | 3         |
| MEEG 250     | Engineering Mechanics: Statics           | 3         |
| MEEG 252     | Engineering Mechanics: Dynamics          | 3         |
| MEEG 203     | Thermodynamics                           | 3         |
| MEEG 310     | Mechanics of Materials                   | 3         |
| MEEG 307     | Fluid Mechanics                          | 3         |
| MEEG 363     | Heat and Mass Transfer                   | 3         |
| MEEG 380     | Mechanical Measurement and Data Analysis | 3         |
| MEEG 372     | Manufacturing Engineering                | 3         |
| MEEG 315     | Mechanical Vibrations                    | 3         |
| MEEG 350D    | Machine Design                           | 3         |
| MEEG 381     | Mechanical Engineering Systems Lab       | 3         |
| MEEG 369D    | Thermal Fluid Systems Design             | 3         |
| MEEG 361/362 | Senior Design Project                    | 6         |
|              | Technical Elective                       | 12        |
|              | <b>Total</b>                             | <b>60</b> |

## GENERAL EDUCATION REQUIREMENTS

|              |                             |           |
|--------------|-----------------------------|-----------|
| ENGL C101    | Composition & Rhetoric      | 3         |
| MATH 110     | Calculus I                  | 4         |
| MATH 112     | Calculus II                 | 4         |
| PHYS 111/112 | Principles of Physics I, II | 8         |
| HUM          | Humanities Core             | 6         |
| SOSC         | Social Sciences Core        | 3         |
| FA           | Fine Arts Core              | 3         |
|              | <b>Total</b>                | <b>34</b> |

**Total Semester Hours** 121

# Mechanical Engineering *Bachelor of Science Degree*

## **Suggested Program**

### **FIRST SEMESTER**

|          |                                    |   |
|----------|------------------------------------|---|
| CPSC 101 | Introduction to Computing with lab | 3 |
| ENGR 111 | Introduction to Engineering        | 3 |
| MATH 110 | Calculus I                         | 4 |
| CHEM 103 | General Chemistry with lab         | 4 |

### **SECOND SEMESTER**

|          |                                   |   |
|----------|-----------------------------------|---|
| MEEG 112 | Engineering Graphics              | 3 |
| MATH 112 | Calculus II                       | 4 |
| PHYS 111 | Principles of Physics I, with lab | 4 |
| ENG C101 | Composition and Rhetoric          | 3 |
| HUM      | Humanities Core                   | 3 |

### **THIRD SEMESTER**

|          |   |   |
|----------|---|---|
| MEEG 250 | Engineering Mechanics: Statics                          | 3 |
| ELEG 233 | Network Analysis I with Lab, aka<br>Circuits I with Lab | 3 |
| MEEG 215 | Calculus III  | 4 |
| PHYS 112 | Principles of Physics II, with lab                      | 4 |

### **FOURTH SEMESTER**

|          |                                  |   |
|----------|----------------------------------|---|
| MEEG 252 | Engineering Mechanics: Dynamics  | 3 |
| MEEG 203 | Thermodynamics                   | 3 |
| MEEG 223 | Material Selection for Engineers | 3 |
| MATH 301 | Differential Equations           | 3 |
| HUM      | Humanities Core                  | 3 |

### **FIFTH SEMESTER**

|              |   |   |
|--------------|---|---|
| MEEG 310     | Mechanics of Materials                              | 3 |
| MEEG 307     | Fluid Mechanics                                     | 3 |
| ENGR 300     | Economics and Management of<br>Engineering Projects | 3 |
| MATH 323/214 | Probability and Statistics/Linear Algebra           | 3 |
| SOSC         | Social Science Core                                 | 3 |

### **SIXTH SEMESTER**

|          |   |   |
|----------|---|---|
| MEEG 363 | Heat and Mass Transfer                      | 3 |
| MEEG 380 | Mechanical Measurement and<br>Data Analysis | 3 |
| MEEG 372 | Manufacturing Engineering                   | 3 |
| MEEG 315 | Mechanical Vibrations                       | 3 |
| SOSC     | Social Science Core                         | 3 |

### **SEVENTH SEMESTER**

|           |   |   |
|-----------|---|---|
| MEEG 350D | Machine Design                              | 3 |
| MEEG 381  | Mechanical Engineering Systems Lab          | 3 |
| MEEG 361  | Senior Design Project<br>Technical Elective | 3 |
| CAPS C390 | Senior Capstone                             | 3 |

### **EIGHTH SEMESTER**

|           |                                       |   |
|-----------|---------------------------------------|---|
| MEEG 369D | Thermal Fluid System Design           | 3 |
| MEEG 362  | Senior Design Project                 | 3 |
| FA        | Fine Arts Core<br>Technical Electives | 3 |
|           |                                       | 6 |

# Medical Laboratory Science *Bachelor of Science Degree*

*Program Director:* Wayne Aguiar MS,  
MLS(ASCP)SM

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*Clinical Director:* Kathleen Engelmann,  
Ph.D., CLS (NCA)

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## **Curriculum and Program Requirements**

A B.S. degree in Medical Laboratory Science provides exciting opportunities for individuals with an interest in science who wish to pursue a career in a health/medical profession or other laboratory-related field. Medical Technologists, also called Clinical Laboratory Scientists, analyze human blood and other body fluids using a variety of methods and precision instruments. The results of these analyses are used to determine the presence or absence of disease, help determine appropriate treatment, monitor therapy, and assess health. In addition to performance and interpretation of laboratory procedures, clinical laboratory scientists may be involved in the selection of lab methods or analyzers, as well as training, supervision, and consultation with other health care professionals.

The program is currently licensed by the state of CT to offer a program and pending national program accreditation, completion of the degree will lead to eligibility for certification by the Board of Registry of the American Society of Clinical Pathology as a Medical Laboratory Scientist. Granting of the degree/certificate IS NOT contingent on passing any type of external certification or licensure examination.

The UB Medical Laboratory Science program is pursuing accreditation through the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Rd., Suite 720, Rosemont, IL 60018-5119

## **Learning Outcomes**

Upon successful completion of this program, students will:

1. Be proficient in performing the full range of clinical laboratory tests in areas such as hematology, clinical chemistry,

immunohematology, microbiology, serology/immunology, coagulation, molecular, and other emerging diagnostics.

2. Be able to participate in the development and evaluation of test systems and interpretive algorithms, hold diverse.
3. Responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance improvement wherever laboratory testing is researched, developed or performed.
4. Possess basic knowledge, skills, and relevant experiences in consultative interactions with members of the health-care team, external relations, customer service and patient education; financial, operations, marketing, and human resource management; information management, and; research design/practice sufficient to evaluate published studies as an informed consumer.
5. Be proficient in maintaining necessary operations for the general functions of the clinical laboratory, including specimen collection.

## **Entrance Requirements and Advising**

Incoming Freshman who have met the following criteria: (a) SAT scores of 530 verbal and 520 math, and 480 writing or composite ACT score of 22; (b) Grade point average of B (3.0) or better; (c) Three years of mathematics and two lab sciences in high school can declare a MT major at any time during the first two years of study.

The formal Medical Laboratory Science curriculum encompasses the last two years of study. All prospective MT majors, including transfer students will be evaluated prior to the fall semester of the junior year to determine whether all the necessary pre-requisites have been met or are in progress. To continue into the junior year of the program all MT majors must complete a minimum 61 semester hours including all UB general education requirements, except Capstone, and all science foundation courses. Students must maintain a minimum GPA of 2.50. MT majors are required to maintain a grade of C or better in all science foundation courses.

Applications from transferring sophomores

will be accepted for the Fall 2011 or later. Applications from transferring juniors will be accepted for the Fall 2012 or later. Application from transferring seniors will not be accepted, however exceptions may be made for students transferring from NAACLS accredited 3+1 university-based programs on a case by case basis for the Fall 2013 or later.

## **TOEFL scores**

Paper-based: 550

Computer-based: 213

Internet-based: 80

We also accept the IELTS (International English Language Testing System) and require an Overall band score of 6.5 and no part score lower than 6.0

## **Program Requirements and Features**

Completion of the Medical Laboratory Science degree requires 28 weeks of supervised clinical work in a hospital laboratory, provided by our clinical affiliates.

Since the curriculum includes laboratory work done under professional supervision, the degree candidate not only must satisfy the customary expectations of academic work but also must meet the high-quality standards demanded of a professional medical technologist. Students must maintain a minimum GPA of 2.50. MT students are required to maintain a grade of C or better in all required courses. MT students must pass a comprehensive pre-clinical examination prior to pursuing their clinical rotations.

Individual professional liability insurance is required of each student and can be purchased through American Society for Clinical Laboratory Science (ASCLS).

Criminal background checks are required before clinical rotations. A background check that is not "clear" may preclude rotations at some hospitals and prevents employment at most healthcare facilities.

As a closure requirement for graduation, students must pass a comprehensive department examination covering all aspects of clinical laboratory science. However, issuing of the degree is not contingent on passing any type of external certification or licensure examination.



# Medical Laboratory Science *Bachelor of Science Degree*

## Pre-Physician Assistant and Health Professional Options

The Medical Laboratory Science Major meets all pre-requisites for UB's Physician Assistant program, including 500 hours of clinical experience. Successful graduates of the Medical Laboratory Science program are also highly competitive for other medical, health, and research oriented graduate programs.

## Medical Laboratory Science MINOR option

Biology majors wishing to obtain a minor in Medical Laboratory Science must take BIOL 102, BIOL 320, BIOL 332, BIOL 345, BIOL 443, CHEM 360, CHEM 380, and at least two 300 level MLS courses. Students interested in this program should contact the Medical Laboratory Science Program Director. A minor in Medical Laboratory Science will not lead to eligibility for certification as a Medical Laboratory Scientist.

Medical Laboratory Certificate: A categorical certificate option for people already possessing a BS degree and meeting the necessary pre-requisites is available and requires a customized plan of study, please see the program director for further information and a consultation.

## Summary of Requirements

### PROGRAM REQUIREMENTS

#### Medical Laboratory Science Courses

|          |   |       |
|----------|---|-------|
| MLSC 341 | Immunology                                    | 4     |
| MLSC 332 | Medical Bacteriology                          | 4     |
| CHEM 380 | Physiological Chemistry                       | 4     |
| MLSC 314 | Intro to Immunohematology                     | 2     |
| MLSC 310 | Intro to Hematology/Hemostasis                | 2     |
| BIOL 345 | Molecular Biology                             | 3     |
| MLSC 311 | Intro to Clinical Chemistry                   | 2     |
| MLSC 317 | Mycology/Parasite/Virology                    | 4     |
| MLSC 301 | Phlebotomy/Safety                             | 2     |
| MLSC 350 | Advanced Hematology                           | 3     |
| MLSC 355 | Advanced Clinical Chemistry                   | 2     |
| MLSC 354 | Advanced Immunohematology                     | 2     |
| MLSC 320 | Preclinical Seminar                           | 1     |
| MLSC 321 | Clinical Seminar I Education                  | 1     |
| MLSC 322 | Clinical Seminar II Mgmt                      | 1     |
| MLSC 380 | Phlebotomy Rotation                           | 2     |
| MLSC 388 | Clinical Correlations (Clinical)              | 2     |
| MLSC 384 | Clinical Chem Lab Rotation                    | 5     |
| MLSC 386 | Clinical Immunohematology Laboratory Rotation | 3     |
| MLSC 382 | Clinical Hematology Lab Rotation              | 4     |
| MLSC 385 | Clinical Micro Lab Rotation                   | 4     |
|          |   | <hr/> |
|          |   | 57    |

#### Science Foundation Courses

|                       |                       |       |
|-----------------------|-----------------------|-------|
| BIOL 102              | General Biology II    | 4     |
| BIOL 211              | General Physiology    | 4     |
| CHEM 205              | Organic Chemistry I   | 4     |
| MATH 203/203B         | Biostatistics         | 4     |
| CHEM 206              | Organic Chemistry II  | 4     |
| CHEM 302              | Analytical Methods    | 4     |
| CHEM 360              | Biochemistry          | 3     |
| CHEM 380              | Physiologic Chemistry | 3     |
| BIOL 320              | Microbiology          | 4     |
| PHYS 201              | General Physics I*    | 4     |
| BIOL 307              | Genetics*             | 3     |
| *Recommended courses. |                       | <hr/> |
|                       |                       | 31-38 |

#### GENERAL EDUCATION REQUIREMENTS

|          |                       |       |
|----------|-----------------------|-------|
| ENGL 101 | English Composition   | 3     |
| FYS 101  | First Year Seminar    | 3     |
| MATH 109 | Precalculus           | 4     |
| CHEM 103 | General Chemistry I   | 4     |
| CHEM 104 | General Chemistry II  | 4     |
| PHIL 110 | Healthcare Ethics     | 3     |
| HUM      | Humanities Core       | 3     |
| PSYC 380 | Biological Psychology | 3     |
| SOSC     | Social Science Core   | 3     |
| FA       | Fine Arts Core        | 3     |
| CAPS 390 | Capstone              | 3     |
|          |                       | <hr/> |
|          |                       | 36    |

**Total Semester Hours** 121-128

## Suggested Program

### FRESHMAN YEAR

#### Fall Semester

|          |                     |       |
|----------|---------------------|-------|
| ENGL 101 | English Composition | 3     |
| FYS 101  | First Year Seminar  | 3     |
| MATH 109 | Precalculus         | 4     |
| CHEM 103 | General Chemistry I | 4     |
| BIO 102  | General Bio 102     | 4     |
|          |                     | <hr/> |
|          |                     | 18    |

#### Spring Semester

|   |                      |       |
|---|----------------------|-------|
| SS, 1Social Science, 1HU Humanities or Fine Arts Core |                      | 6     |
| CHEM 104  | General Chemistry II | 4     |
| BIOL 211  | General physiology   | 4     |
| PHIL 110  | HUHealthcare Ethics  | 3     |
|   |                      | <hr/> |
|   |                      | 17    |

### SOPHOMORE YEAR

#### Fall Semester

|   |                       |       |
|---|-----------------------|-------|
| PSYC 380SS  | Biological Psychology | 3     |
| MLSC 315  | Fundamentals MLS      | 2     |
| SS, Social Science, HU Humanities or Fine Arts Core |                       | 3     |
| CHEM 205  | Organic Chemistry I   | 4     |
| MATH 203/203B                                       | Biostatistics         | 4     |
|   |                       | <hr/> |
|   |                       | 16    |

#### Spring Semester

|          |                      |   |
|----------|----------------------|---|
| CHEM 206 | Organic Chemistry II | 4 |
|----------|----------------------|---|

|          |                    |       |
|----------|--------------------|-------|
| CHEM 302 | Analytical Methods | 4     |
| CHEM 360 | Biochemistry       | 3     |
| MLSC 301 | Phlebotomy         | 2     |
| BIOL 320 | Microbiology       | 4     |
|          |                    | <hr/> |
|          |                    | 17    |

### JUNIOR YEAR

#### Fall Semester

|          |                                |       |
|----------|--------------------------------|-------|
| Bio 380  | Molecular Diagnostics          | 3     |
| MLSC 341 | Immunology                     | 4     |
| MLSC 332 | Medical Bacteriology           | 4     |
| CHEM 380 | Physiological Chemistry        | 4     |
| MLSC 310 | Intro to Hematology/Hemostasis | 2     |
|          |                                | <hr/> |
|          |                                | 17    |

#### Spring Semester

|          |                             |       |
|----------|-----------------------------|-------|
| BIOL 345 | Molecular Biology           | 3     |
| MLSC 311 | Intro to Clinical Chemistry | 3     |
| MLSC 317 | Mycology/Parasite/Virology  | 4     |
| MLSC 320 | Pre-clinical Seminar        | 1     |
| MLSC 314 | Intro to Immunohematology   | 2     |
| CAPS 390 | Capstone                    | 3     |
|          |                             | <hr/> |
|          |                             | 16    |

### SENIOR YEAR (CLINICALS)

#### Fall Semester

|          |                              |       |
|----------|------------------------------|-------|
| MLSC 355 | Advanced Clinical Chemistry  | 2     |
| MLSC 350 | Advanced Hematology          | 3     |
| MLSC 321 | Clinical Seminar I Education | 1     |
| MLSC 382 | Clinical Hematology Rotation | 4     |
| MLSC 384 | Clinical Chemistry Rotation  | 5     |
|          |                              | <hr/> |
|          |                              | 14    |

#### Spring Semester (Clinical continued)

|          |                                |       |
|----------|--------------------------------|-------|
| MLSC 322 | Clinical Seminar II Management | 1     |
| MLSC 354 | Advanced Immunohematology      | 2     |
| MLSC 388 | Clinical Correlations          | 2     |
| MLSC 380 | Phlebotomy Rotation            | 1     |
| MLSC 393 | Clinical Research              | 1     |
| MLSC 386 | Clinical Immunohemo Rotation   | 3     |
| MLSC 385 | Clinical Microbiology Rotation | 4     |
|          |                                | <hr/> |
|          |                                | 14    |

**Total Semester Hours** 129

# Music Bachelor of Music Degree

*Program Head:* Jeffrey Johnson  
Bernhard Center, Room 310  
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E-mail: [jjohnson@bridgeport.edu](mailto:jjohnson@bridgeport.edu)

## Curriculum and Program Requirements

The Music Program offers the Bachelor of Music degree with concentrations in, Music Education, Performance, Jazz Studies and Music Business. Bachelor of Music candidates must complete all academic core courses, music foundation courses, and the specific requirements of their concentration before graduating. The Program Director may determine that proficiency is established and may waive requirements; however, 120 credits are required to earn a Bachelor's degree.

### Music Education

The Music Education concentration of the Bachelor of Music degree is designed to provide foundational training and experiences for prospective music teachers, and prepare them to enter a master's degree program in music education. The Music Program and the University's School of Education offers a master's degree (M.S.) which leads to initial teaching certification in music.

### Music Performance

The Music Performance concentration of the Bachelor of Music degree is designed to refine and develop skills essential to professional musicians. Extensive collaborative performing experience in ensembles, solo performance, and private study on a major instrument are central to this concentration. Students are expected to study a major instrument including bass, bassoon, clarinet, drumset, flute, guitar, harpsichord, horn, oboe, percussion, piano, saxophone, sitar, tabla, trumpet, trombone, tuba, violin, viola, violoncello, or voice.

### Music Business

A highly demanding combination of intensive musical studies and business courses designed to help musicians become entrepreneurial professions ready to succeed in today's marketplace.

### JURIES

At the discretion of the applied music faculty in consultation with the Program Director, during the final examination period of each semester, music majors will take an examination in their major applied area before a music faculty jury.

### Learning Outcomes

By completing the Bachelor of Music degree students will: 1) develop a strong foundation in the theory and history of music; 2) select a musical concentration—performance, education, or music business—and develop foundational skills in this area; 3) further develop skills in voice or on a musical instrument; 4) possess sufficient musical acumen to make creative contributions to musical performances and fusion ensembles; 5) further their ability to work in, learn from, and teach groups composed of learners from diverse backgrounds and with multiple skill levels; and 6) be able to bring musical knowledge into dialogue with learning occurring in the general education component of the undergraduate curriculum.

### Summary of Requirements

#### REQUIREMENTS FOR ALL CONCENTRATIONS

##### GENERAL EDUCATION REQUIREMENTS

|           |                        |          |
|-----------|------------------------|----------|
| ENGL C101 | Composition & Rhetoric | 3        |
| MATH C105 | Intermediate Algebra   | 3        |
| HUM       | Humanities Core        | 6        |
| SOSC      | Social Sciences        | 6        |
| SCI       | Natural Sciences Core  | 6        |
| FA        | Fine Arts Core         | 3        |
| FYS 101   | First Year Studies     | 3        |
| CAPS C390 | Capstone Seminar       | 3        |
|           | Liberal Arts Electives | 7        |
|           |                        | <hr/> 40 |

##### MUSIC FOUNDATION COURSES

|           |              |        |
|-----------|--------------|--------|
| MUSC 109  | Theory 1     | 3      |
| MUSC 110  | Theory 2     | 3      |
| MUSC 215  | Theory 3     | 3      |
| MUSC 216  | Theory 4     | 3      |
| MUSC 109a | Aural Theory | 1 or 2 |
| MUSC 110a | Aural Theory | 1      |
| MUSC 215a | Aural Theory | 1      |
| MUSC 216a | Aural Theory | 1      |

At least three credits of piano study.

At least twelve credits in the history and literature of music.

At least three credits in music technology.

### INDIVIDUAL CONCENTRATION REQUIREMENTS

#### MUSIC EDUCATION CONCENTRATION

|          |                                 |    |
|----------|---------------------------------|----|
| MUSC 100 | Applied Music Study             | 12 |
| MUSC     | Ensembles (103,104,10,107)      | 10 |
| MUSC 183 | Group Voice                     | 3  |
| MUSC 208 | Jazz Improvisation & Repertoire | 3  |
| MUSC     | Instrumental Methods Courses    | 9  |
| MSED 240 | Field Experience in Music Ed    | 2  |
| MUSC 256 | Fundamentals of Piano II        | 3  |
| MSED 311 | Vocal Conducting                | 3  |

*Enrollment in at least one ensemble is required each semester of residence, including at least two semesters in a choral ensemble and two in an instrumental ensemble. Enrollment in applied music study is required for at least six semesters in residence or every semester of residence for transfer students. Director may determine that proficiency is established and may waive requirements.*

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#### PERFORMANCE CONCENTRATION

|          |                   |    |
|----------|-------------------|----|
| MUSC 100 | Applied Major     | 16 |
| MUSC 414 | Business of Music | 2  |
|          | Ensembles         | 12 |
|          | Electives         | 6  |

*At least nine credits of music technology or music business courses.*

*Director may determine that proficiency is established and may waive requirements.*

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#### MUSIC BUSINESS CONCENTRATION

|          |                   |    |
|----------|-------------------|----|
| MUSC 100 | Applied Major     | 15 |
| MUSC 398 | Internship        | 3  |
| MUSC 414 | Business of Music | 3  |

***(In consultation with an Academic Advisor, students choose nine non-music courses from this list)***

|           |                       |   |
|-----------|-----------------------|---|
| ACCT 101* | Financial Accounting  | 3 |
| ECON 201  | Princ Economics-Macro | 3 |
| ECON 202  | Princ. Economic-Micro | 3 |

*And 15 credits of approved electives from business, mass communications, or music technology.*

*Director may determine that proficiency is established and may waive requirements.*

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\*Recommended

# Music Bachelor of Music Degree

## MUSIC EDUCATION CONCENTRATION

### Suggested Program

#### FRESHMAN YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 109        | (3)         | MUSC 110        | (3)         |
| MUSC 109a       | (1)         | MUSC 110a       | (1)         |
| MUSC 122        | (3)         | MUSC 183        | (3)         |
| Ensemble        | (1)         | Ensemble        | (1)         |
| Core Curriculum | (6)         | Core Curriculum | (6)         |
| <b>TOTAL</b>    | <b>(16)</b> | <b>TOTAL</b>    | <b>(16)</b> |

#### SOPHOMORE YEAR

| FALL SEMESTER |             | SPRING SEMESTER |             |
|---------------|-------------|-----------------|-------------|
| MUSC 100      | (2)         | MUSC 100        | (2)         |
| MUSC 215      | (3)         | MUSC 216        | (3)         |
| MUSC 215a     | (1)         | MUSC 216a       | (1)         |
| MSED 255      | (3)         | MUSC 256        | (2)         |
| Instr. Method | (3)         | Ensembles       | (1)         |
| Ensembles     | (1)         | Core Curriculum | (6)         |
| <b>TOTAL</b>  | <b>(13)</b> | <b>TOTAL</b>    | <b>(15)</b> |

#### JUNIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC History    | (3)         | MUSC History    | (3)         |
| MUSC Technology | (2)         | Instr Methods   | (3)         |
| Instr Methods   | (3)         | MSED 240        | (3)         |
| Ensemble        | (1)         | Ensemble        | (1)         |
| Core Curriculum | (6)         | Core Curriculum | (3)         |
| <b>TOTAL</b>    | <b>(17)</b> | <b>TOTAL</b>    | <b>(15)</b> |

#### SENIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER  |             |
|-----------------|-------------|------------------|-------------|
| MUSC 100        | (2)         | MUSC 100         | (2)         |
| MUSC 208        | (3)         | MSED 311         | (3)         |
| MUSC 240        | (1)         | Elective         | (3)         |
| Ensemble        | (1)         | Ensemble         | (1)         |
| Core Curriculum | (10)        | Capstone Seminar | (3)         |
| <b>TOTAL</b>    | <b>(17)</b> | <b>TOTAL</b>     | <b>(12)</b> |

**Total Semester Hours** 120

## MUSIC PERFORMANCE CONCENTRATION

### Suggested Program

#### FRESHMAN YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 109        | (3)         | MUSC 110        | (3)         |
| MUSC 109a       | (1)         | MUSC 110a       | (1)         |
| MUSC 201        | (2)         | MUSC 202        | (2)         |
| Ensembles       | (1)         | MUSC 255        | (2)         |
|                 |             | Ensemble        | (1)         |
| Core Curriculum | (6)         | Core Curriculum | (6)         |
| <b>TOTAL</b>    | <b>(15)</b> | <b>TOTAL</b>    | <b>(17)</b> |

#### SOPHOMORE YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 215        | (3)         | MUSC 216        | (3)         |
| MUSC 215a       | (1)         | MUSC 216a       | (1)         |
| MUSC 203        | (3)         | MUSC 204        | (3)         |
|                 |             | MUSC 256        | (3)         |
| Ensembles       | (2)         | Ensembles       | (2)         |
| Core Curriculum | (3)         | Core Curriculum | (3)         |
| <b>TOTAL</b>    | <b>(14)</b> | <b>TOTAL</b>    | <b>(17)</b> |

#### JUNIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER     |             |
|-----------------|-------------|---------------------|-------------|
| MUSC 100        | (2)         | MUSC 100            | (2)         |
| MUSC 426        | (3)         | Tech/Business Elect | (3)         |
| MUSC History    | (3)         | MUSC History        | (3)         |
| Ensembles       | (2)         | Ensembles           | (2)         |
| Core Curriculum | (6)         | Core Curriculum     | (6)         |
| <b>TOTAL</b>    | <b>(16)</b> | <b>TOTAL</b>        | <b>(16)</b> |

#### SENIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC Elective   | (3)         | Music Elective  | (3)         |
| Ensembles       | (1)         | Ensemble        | (1)         |
| Core Curriculum | (6)         | Core Curriculum | (7)         |
| <b>TOTAL</b>    | <b>(12)</b> | <b>TOTAL</b>    | <b>(13)</b> |

**Total Semester Hours** 120

## MUSIC BUSINESS CONCENTRATION

### Suggested Program

#### FRESHMAN YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 109        | (3)         | MUSC 110        | (3)         |
| MUSC 109a       | (1)         | MUSC 110a       | (1)         |
| MUSC 201        | (2)         | MUSC 202        | (2)         |
|                 |             | MUSC 255        | (2)         |
| ACCT 101        | (3)         |                 |             |
| Core Curriculum | (6)         | Core Curriculum | (6)         |
| <b>TOTAL</b>    | <b>(17)</b> | <b>TOTAL</b>    | <b>(16)</b> |

#### SOPHOMORE YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 215        | (3)         | MUSC 216        | (3)         |
| MUSC 215a       | (1)         | MUSC 216a       | (1)         |
| MUSC 203        | (3)         | MUSC 204        | (3)         |
| MUSC 414        | (2)         | MUSC 256        | (2)         |
| Core Curriculum | (3)         | Core Curriculum | (3)         |
| <b>TOTAL</b>    | <b>(14)</b> | <b>TOTAL</b>    | <b>(14)</b> |

#### JUNIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 207        | (2)         | MCOM 370        | (3)         |
| MKTG 30         | (3)         | ECON 201        | (3)         |
| Core Curriculum | (6)         | Core Curriculum | (6)         |
| <b>TOTAL</b>    | <b>(13)</b> | <b>TOTAL</b>    | <b>(14)</b> |

#### SENIOR YEAR

| FALL SEMESTER   |             | SPRING SEMESTER |             |
|-----------------|-------------|-----------------|-------------|
| MUSC 100        | (2)         | MUSC 100        | (2)         |
| MUSC 398        | (3)         | MUSC 398        | (3)         |
| MUSC 426        | (3)         |                 |             |
| LAW 251         | (3)         | FIN 309         | (3)         |
| MGMT 320        | (3)         | Core Curriculum | (6)         |
| Core Curriculum | (4)         |                 |             |
| <b>TOTAL</b>    | <b>(18)</b> | <b>TOTAL</b>    | <b>(14)</b> |

**Total Semester Hours** 120

# Nursing Bachelor of Science in Nursing Degree

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## Curriculum and Program Requirements

The RN to BSN program at the University of Bridgeport provides career/educational mobility for the registered nurse who desires to earn the Bachelor of Science in Nursing (BSN). The streamlined progression is designed for both the diploma and associate degree graduate who can earn advanced placement on a transfer of credits previously earned at a nationally accredited institution. No placement examination is required, and applicants may transfer up to 64 credits from previous nursing program coursework from an accredited two-year college or accredited diploma nursing program. Ninety credits may be transferred from accredited four-year institutions. The program consists of a total of 120 credit hours. The last 27 credit hours of upper level nursing courses and the 3 credit Capstone 390 Seminar must be completed through the School of Nursing at the University of Bridgeport.

The RN to BSN program offers the RN student the opportunity to earn the BSN degree in a reasonable time frame without repetition of learning in an environment that acknowledges the knowledge, skills and abilities the RN brings to the learning environment. The Upper Level Nursing Courses are provided once per calendar year but all courses can be taken on a rolling admission basis except for Nursing Theory and Evidence-based Practice which requires Statistics as a pre-requisite. The curriculum helps the RN to enhance the role of the professional nurse for practice in today's complex health care environment.

The RN to BSN curriculum is designed to integrate a foundation in the liberal arts and nursing courses that expand the knowledge base of basic nursing practice beyond the original nursing pre-licensure program. The curriculum provides the opportunity for professional growth and development in critical thinking, analysis, utilization of evidence-based practice, and communication within inter-professional practice in a variety of health care settings.

General Education Track

Prior to admission to the RN to BSN pro-

gram, pre-requisite general education and nursing courses must be completed. Courses taken at other institutions of higher learning will be evaluated for transfer credit on an individual basis. Generally, academic credits taken at an accredited community college or university are accepted at the University of Bridgeport if a grade of "C" or higher is earned. Required general education courses satisfy the University of Bridgeport's focus areas of skills, heritage, and seminars and are designed to provide a universal and diverse foundation for study at the baccalaureate level.

## Student Learning Outcomes

Student learning outcomes for the RN to BSN program enable the graduate to:

- 1) Synthesize knowledge from a liberal education in communication, human experience, scientific literacy, analysis, and global society;
- 2) Communicate using an ongoing interactive process that builds therapeutic interpersonal and inter-professional relationships for an increasingly interconnected healthcare environment;
- 3) Apply the nursing process to provide patient-centered, evidence-based, clinical competent, contemporary professional nursing care;
- 4) Apply critical thinking skills to support excellence in nursing practice and to provide comprehensive compassionate, evidence-based nursing care across the life span;
- 5) Promote healthy lifestyles through health education, health promotion strategies and population-focused interventions;
- 6) Comprehend system-based practice and its impact on safe, quality patient care within the scope of professional nursing practice;
- 7) Apply leadership and management skills in the provision of safe, quality and cost-effective care in the continuum of health-care environments;
- 8) Exercise innovative inquiry in the use of information and patient care technology with knowledge based on research for the improvement in patient outcomes; and
- 9) Practice within the values, ethics, and legal standards of professional nursing.

## Summary of Requirements

### I. TRANSFER CREDITS:

|   |           |
|---|-----------|
| <b>GENERAL EDUCATION</b>                  | <b>30</b> |
| English 101                               | 3         |
| Anatomy & Physiology I                    | 4         |
| Anatomy & Physiology II                   | 4         |
| General Psychology                        | 3         |
| Sociology                                 | 3         |
| Life Span/or Child Development Psychology | 3         |
| Microbiology                              | 4         |
| Public Speaking                           | 3         |
| Humanities/Fine Arts                      | 3         |
| Basic Nursing                             | 34        |

### II. GENERAL EDUCATION

#### Skills Section:

|   |   |
|---|---|
| College Algebra (*Pre-requisite for Statistics) | 3 |
|---|---|

#### Heritage Section:

|   |   |
|---|---|
| Fine Arts                               | 3 |
| Humanities                              | 6 |
| Natural Science: Chemistry 113 with Lab | 4 |
| General Electives                       | 7 |

(General Electives are courses outside the specific degree requirements and can be filled by courses in other subjects or transfer courses at the baccalaureate level)

|                  |   |
|------------------|---|
| Math: Statistics | 3 |
|------------------|---|

\* Pre-Requisite for Nursing Theory and Evidence-based Practice Course ONLY

### III. UPPER LEVEL NURSING PROGRAM REQUIREMENTS AND SEMINAR

|  |   |
|--|---|
| Nursing Theory & Evidence-based Practice | 3 |
| Health Assessment                        | 3 |
| Community Health                         | 4 |
| Professional Seminar in Nursing          | 3 |
| Leadership & Management in Nursing       | 4 |
| Quality, Safety & Health Policy          | 4 |
| Capstone II                              | 3 |
| Nursing & Health Care Informatics        | 3 |

#### Seminar:

|                            |   |
|----------------------------|---|
| Capstone 390/Senior Thesis | 3 |
|----------------------------|---|

(Required to be taken at UB-Must complete 75 semester credit hours and all 30 hours in the Skills and Heritage Section)

**Total Credit:** 120

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# Nursing *Bachelor of Science in Nursing Degree*

## UPPER LEVEL NURSING COURSES AND SEMINAR: RN TO BSN PROGRAM SEQUENCE

### FIRST SEMESTER \_\_\_\_\_

#### Term 1

|          |   |   |
|----------|---|---|
| NURS 301 | Nursing Theory and<br>Evidence-based Practice | 3 |
| NURS 302 | Health Assessment                             | 3 |

#### Term 2

|                            |                  |   |
|----------------------------|------------------|---|
| NURS 303                   | Community Health | 4 |
| Capstone 390/Senior Thesis |                  | 3 |

### SECOND SEMESTER \_\_\_\_\_

#### Term 1

|          |                                       |   |
|----------|---------------------------------------|---|
| NURS 304 | Professional Seminar in Nursing       | 3 |
| NURS 305 | Leadership & Management<br>in Nursing | 4 |

#### Term 2

|          |                                 |   |
|----------|---------------------------------|---|
| NURS 306 | Quality, Safety & Health Policy | 4 |
| NURS 308 | Capstone II                     | 3 |

#### Summer Term

|          |                                   |   |
|----------|-----------------------------------|---|
| NURS 307 | Nursing & Health Care Informatics | 3 |
|----------|-----------------------------------|---|

# Professional Studies *Bachelor of Science Degree*

Director: Michael Giampaoli (interim)  
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## Curriculum and Program Requirements

The Bachelor of Science in Professional Studies is a multidisciplinary degree-completion program that refines student skills and abilities for application in a broad range of professions. The program is intended for non-traditional, part-time students who are currently employed in technical, professional, or entry-level positions, and who have acquired an associate's degree or completed at least 30 transferable credits from accredited institutions. The program is designed to provide career-focused learning geared toward coursework in organizational communication and leadership for students who desire to enhance their knowledge, analytical abilities and critical thinking skills for advancement in their career field.

## Degree Requirements

- 1) A minimum of 120 hours with a minimum cumulative quality point ratio of 2.00.
- 2) The student must complete a professional studies core, the University general education core and then choose a concentration in one of four areas:
  - a) Organizational Leadership and Change
  - b) Healthcare Administration
  - c) Human Resource Administration
  - d) Interdisciplinary

## Learning Outcomes

The Professional Studies major will prepare graduates to:

- Understand the concept of professionalism as it relates to organizational leadership and change.
- Utilize administrative and leadership theory and practices relevant to understand organizations.
- Employ critical thinking methodology for analyzing and resolving organizational issues.
- Communicate in diverse, team-oriented workplaces through group presentations, oral and written reports,

and communication formats tailored for business environments.

- Analyze and comprehend the leadership and interpersonal competencies essential to effective management and administration.
- Understand the ethical standards, values and attitudes appropriate to professionals.
- Gain knowledge, skills, and abilities associated with workplace success.

Additionally, the **Organizational Leadership Track** will prepare graduates to:

- Demonstrate leadership skills in visioning, strategic planning, and managing change.
- Demonstrate managerial skills in budgeting and finance, management of personnel, safety, information systems, and technology in the workplace.
- Find the most current and best available research and apply evidence-based practices to organizational change.

Additionally, the Human Resource Administration Track will prepare graduates to:

- Evaluate the effectiveness of recruiting methods and the validity of various selection procedures.
- Design and execute a training project using the appropriate theories and facilitation skills.
- Design competitive pay structures and performance-based incentive systems.
- Explain employee and employer rights and obligations in a collective bargaining situation.
- Design human resource policies and practice that comply with labor and employment legislation and regulations.

Additionally, the **Healthcare Administration Track** will prepare graduates to:

- Demonstrate the knowledge of the fundamental and technical concepts of health care management and apply it to decision-making in managing within healthcare organizations.
- Demonstrate knowledge of the core disciplines of healthcare administration: healthcare organization and structure, healthcare finance, healthcare policy, and/or public health to enhance decision-making in managing the healthcare organizations.
- Use contemporary federal and state health policies to analyze various healthcare issues.

- Demonstrate knowledge of the primary ethical values underlying the healthcare institutions and delivery (i.e., respect for persons, beneficence, and justice, in managerial decision-making).
- Apply basic statistical, quantitative, and economic concepts and tools to support analysis and decision-making.

Additionally, the **Multidisciplinary Track** will prepare students to demonstrate, design, and apply knowledge across the spectrum of Organizational Leadership, Healthcare Administration and Human Resource Administration.

## Summary of Requirements

|                              |            |
|------------------------------|------------|
| Professional Studies Program | 24         |
| General Education            | 42         |
| Area of Concentration        | 21         |
| Free Electives               | 33         |
| <b>Total</b>                 | <b>120</b> |

## PROFESSIONAL STUDIES PROGRAM REQUIREMENTS (24 CREDITS)

|          |   |
|----------|---|
| PRST 201 | Fundamentals of Management and Leadership |
| PRST 204 | Social Impact of Technology               |
| PRST 202 | Business Math                             |
| PRST 220 | Analytical & Persuasive Writing           |
| PRST 224 | Critical Thinking & Writing               |
| MCOM 284 | Business & Professional Communications    |
| MCOM 110 | Public Communications                     |
| PRST 250 | Budgeting & Finance for Organizations     |

## GENERAL EDUCATION REQUIREMENTS (42 CREDITS)

|          |                                    |
|----------|------------------------------------|
| ENGL 101 | Composition and Rhetoric           |
| FYS 102  | First Year Studies                 |
| MATH 105 | Mathematics                        |
| SCI      | Natural Sciences (6 credits)       |
| HUM      | Humanities (6 credits)             |
| SOSC     | Social Science (6 credits)         |
| FA       | Fine Arts course                   |
| LA       | Liberal Arts Electives (9 credits) |
| CAPS 390 | Capstone                           |

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# Professional Studies *Bachelor of Science Degree*

## **Concentration Requirements:**

A minimum of 21 credits is required in one of the following areas of concentration.

### **ORGANIZATIONAL LEADERSHIP AND CHANGE (21 CREDITS)**

- MCOM 384 Organizational Communication
- MGMT 300 Organizational Behavior
- ORLD 341 Supervision and Team Building
- ORLD 342 Non-profit Management
- ORLD 350 Organizational Change and Leadership
- PSYC 309 Industrial/Organizational Psychology
- ORLD 351 Challenges in Leadership Seminar

### **HEALTHCARE ADMINISTRATION (21 CREDITS)**

- HSCI 250 Introduction to Community & Public Health
- HLAD 333 Management of Health Care Information Systems
- HLAD 331 Law and Ethics in Health Care
- HLAD 334 Health Care Financial Management
- HLAD 332 Health Care Organization & Administration
- PSYC 385 Statistics for the Behavioral Sciences
- HLAD 335 Health Care Strategic Management

### **HUMAN RESOURCES ADMINISTRATION (21 CREDITS)**

- MGMT 300 Organizational Behavior
- MGMT 305 Introduction to Human Resource Management
- MGMT 311 Compensation & Benefits
- MGMT 340 Conflict & Negotiation
- HRAD 344 Training Methods
- MGMT 342 Labor Law
- PSYC 309 Organizational Psychology

### **MULTIDISCIPLINARY TRACK (21 CREDITS)**

The Multidisciplinary Track allows each student to design their own concentration by selecting seven of the twenty courses listed in the above concentrations.

### **GENERAL ELECTIVE COURSES (33 CREDITS)**

### **TOTAL SEMESTER HOURS 120**

# Psychology Bachelor of Science Degree

*Co-Chair:* Tracey Ryan  
Charles A. Dana Hall  
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## Curriculum and Program Requirements

The Bachelor of Science degree in Psychology prepares students for work that requires liberal arts training as well as psychological knowledge and skills. The major provides students with a detailed awareness of the field of psychology, including its historical background, paradigms, methods, research findings, and applications. The major addresses the general areas of developmental, personality, social, cognitive, and abnormal psychology. It fosters the development of verbal, quantitative, analytical, and technological skills that are useful for work in psychology and related fields.

The major requires twelve psychology courses (36 semester hours), including Introduction to Psychology (103), Child Psychology (201), Personality Psychology (303), Abnormal Psychology (230), Social Psychology (240), Cognitive Psychology (307), and six other elective psychology courses. A total of 120 credits are required for graduation. Students wishing to obtain a minor in Psychology must take Introduction to Psychology and any five additional psychology courses (18 semester hours).

## Learning Outcomes

By completing the B.S. in Psychology program, students will: 1) have learned the pre-history and the history of Psychology including the evolution of its main issues, topic areas, methods and applications; 2) know the major perspectives in Psychology including Psychoanalytic theory, Behaviorism, Humanistic Psychology and Cognitive Behavioral Neuroscience; 3) understand the lifespan approach to human biological, cognitive and psychosocial development; 4) be able to provide examples of the major forms of psychological research including methodologies such as naturalistic observation, surveys, case studies and archival research, and the main features and techniques of psychological experimentation; 5) understand basic data organization, presentation and analysis including both inferential and descriptive statistics; 6) understand charac-

teristics of psychological research including the limitations of correlation research, experimental biases, placebo effects and ethical issues regarding human subjects; 7) be able to critically evaluate the psychological research presented in the popular press; 8) be able to relate key psychological concepts and theories to their own personal lives; 9) understand how key psychological concepts and theories are applied in clinical, medical, educational, human services and corporate settings; and 10) understand connections between Psychology and such other disciplines as Philosophy, Biology, Sociology, Religion, and Human Services.

## Summary of Requirements

### MAJOR REQUIREMENTS

|          |                            |           |
|----------|----------------------------|-----------|
| PSYC 103 | Introduction to Psychology | 3         |
| PSYC 201 | Child Psychology           | 3         |
| PSYC 230 | Abnormal Psychology        | 3         |
| PSYC 240 | Social Psychology          | 3         |
| PSYC 303 | Personality Psychology     | 3         |
| PSYC 307 | Cognitive Psychology       | 3         |
|          | Psychology Electives       | 18        |
|          |                            | <b>36</b> |

|                       |  |           |
|-----------------------|--|-----------|
| <b>FREE ELECTIVES</b> |  | <b>42</b> |
|                       |  | <b>78</b> |

### GENERAL EDUCATION REQUIREMENTS

|           |                        |           |
|-----------|------------------------|-----------|
| FYS 101   | First Year Seminar     | 3         |
| ENGL C101 | Composition & Rhetoric | 3         |
| MATH C105 | Intermediate Algebra   | 3         |
| HUM       | Humanities Core        | 6         |
| SOSC      | Social Science Core    | 6         |
| SCI       | Natural Science Core   | 6         |
| FA        | Fine Arts Core         | 3         |
| CAPS C390 | Capstone Seminar       | 3         |
|           | Liberal Arts Electives | 9         |
|           |                        | <b>42</b> |

|                             |  |            |
|-----------------------------|--|------------|
| <b>Total Semester Hours</b> |  | <b>120</b> |
|-----------------------------|--|------------|

## Suggested Program

### FIRST SEMESTER

|           |                            |   |
|-----------|----------------------------|---|
| ENGL C101 | Composition & Rhetoric     | 3 |
| MATH C105 | Intermediate Algebra       | 3 |
| FYS 101   | First Year Seminar         | 3 |
| PSYC 103  | Introduction to Psychology | 3 |
|           | Free Elective              | 3 |

### SECOND SEMESTER

|          |                       |   |
|----------|-----------------------|---|
| FA       | Fine Arts Core        | 3 |
| SCI      | Natural Sciences Core | 3 |
| PSYC 201 | Child Psychology      | 3 |
|          | Psychology Elective   | 3 |
|          | Free Elective         | 3 |

### THIRD SEMESTER

|          |                      |   |
|----------|----------------------|---|
| SCI      | Natural Science Core | 3 |
| SOSC     | Social Science Core  | 3 |
| PSYC 201 | Child Psychology     | 3 |
| PSYC 230 | Social Psychology    | 3 |
|          | Free Elective        | 3 |

### FOURTH SEMESTER

|          |                      |   |
|----------|----------------------|---|
| HUM      | Humanities Core      | 3 |
| PSYC 240 | Social Psychology    | 3 |
| PSYC 307 | Cognitive Psychology | 3 |
|          | Free Elective        | 6 |

### FIFTH SEMESTER

|          |                        |   |
|----------|------------------------|---|
| PSYC 303 | Personality Psychology | 3 |
|          | Psychology Elective    | 6 |
|          | Free Elective          | 6 |

### SIXTH SEMESTER

|     |                     |   |
|-----|---------------------|---|
| HUM | Humanities Core     | 3 |
|     | Psychology Elective | 6 |
|     | Free Elective       | 6 |

### SEVENTH SEMESTER

|           |                     |   |
|-----------|---------------------|---|
| CAPS C390 | Capstone Seminar    | 3 |
|           | Psychology Elective | 3 |
|           | Free Elective       | 9 |

### EIGHTH SEMESTER

|  |               |    |
|--|---------------|----|
|  | Free Elective | 15 |
|--|---------------|----|

|                             |  |            |
|-----------------------------|--|------------|
| <b>Total Semester Hours</b> |  | <b>120</b> |
|-----------------------------|--|------------|



# Religion and Politics *Bachelor of Arts Degree*

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## Curriculum and Program Requirements

The major in Religion and Politics prepares students to interpret the influence of religion in the various spheres of cultural life and in light of prevailing political climates. In particular, we study the role of religious values in fomenting conflict and promoting peace; in preparing for a life of service; and in giving depth and direction to culture.

The study of contemporary religions as a living phenomenon requires the concomitant study of social sciences and politics in order to deepen one's appreciation of the ways in which the religious roots of any society can impact upon both politics and culture. This becomes increasingly important in a world in which a successful career in business or diplomacy requires an understanding of the way that religion shapes culture, political thought and current conflicts. This program, one of the few of its kind in the world, provides students with a broad understanding of the major themes within religion while also allowing them to develop expertise in one of three cultural spheres: Western Religion and Culture; Islamic Religion and Culture or East Asian Religion and Culture. With this expertise, graduates of this program will be equipped to provide a deeper analysis of existing social structures and contribute to solutions in the worlds of international relations, media and more broadly political science.

Required courses from a common foundation prepare students to apply their knowledge in one of three concentrations. In the foundations sequence, students are acquainted with the belief systems of the world's major religions as well as political science and economics. This aspect of study involves learning religious studies methods, political science methodologies, principles of economics, cultivating the capacity for critical analysis, developing cultural sensitivity, and securing ability to communicate within an array of cultural and political idioms. In the concentrations sequence, students focus their learning on current problems and practically-oriented solutions. Three defined con-

centrations are possible: (1) East Asian Religion and Society; (2) Islamic Religion and Society; and (3) Judeo-Christian Thought and Society. With the consultation of an advisor, a self-planned option is also possible.

Integrative in nature, this study draws upon other disciplines. Students in Religion and Politics are encouraged to take courses in political science, history, literature, economics, sociology, and mass communication. Our students prepare to serve in non-governmental organizations, to seek professional degrees to further lives of service, and to enroll successfully in graduate schools of the highest caliber. Since the program is personally and intellectually demanding, its admissions policy is selective.

## Learning Outcomes

Students in the B.A. in Religion and Politics will:

- 1) demonstrate a broad mastery of the liberal arts, including cross-disciplinary and interdisciplinary skills of interpretation, critical thinking skills, and oral and written communication skills;
- 2) demonstrate a mastery of religious studies methods;
- 3) demonstrate competency in the keys dimensions of political theory and political science;
- 4) demonstrate a high-level of competency in one's understanding of the history, beliefs, evolution, and practice of religion and governance in the Islamic cultural sphere, or in East Asian/Confucian sphere or in the West and demonstrate the competencies needed to compare developments and institutions in one's area of specialization with those in place in other major cultural spheres;
- 5) demonstrate a critical, non-prejudicial understanding of how the world's religions differentially impact social, political, and economic development;
- 6) demonstrate an understanding of key social institutions (and their impact upon developments in religion and politics);
- 7) demonstrate at least a 104 level of competency in a foreign language germane to the region, which the student has chosen as his or her area studies concentration;
- 8) demonstrate the ability to undertake in-

dependent work and produce research at a high quality for undergraduates

## Summary of Requirements

### MAJOR PROGRAM REQUIREMENTS

#### I. FOUNDATIONS (33-36 HOURS)

##### A. INTRODUCTORY COURSES

|          |  |   |
|----------|--|---|
| WREL 102 | Introduction to Eastern Religions**                          | 3 |
| WREL 103 | Introduction to Western Religions**                          | 3 |
| PSCI 103 | Intro to Political Science and<br>Political Research Methods | 3 |
| PSCI 323 | Classics in Political Theory                                 | 3 |

(\*\*with the Chair's permission students may take a higher level course in lieu of either WREL 102 or WREL 103)

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##### B. PROGRAM COURSES

Six 200-level "Program" courses (3 in WREL, 3 in PSCI or ECON)

##### Courses may be selected from

|          |  |    |
|----------|--|----|
| WREL 204 | Hinduism   | 3  |
| WREL 205 | Buddhism   | 3  |
| WREL 207 | Judaism  | 3  |
| WREL 208 | Christianity   | 3  |
| WREL 209 | Islam  | 3  |
| WREL 215 | Unification Philosophy                                     | 3  |
| WREL 229 | Confucianism and Taoism                                    | 3  |
| IEPD 201 | Economics and Development or ECON 201<br>Macroeconomics    | 3  |
| IPED 202 | Intro to Political Economy or ECON 202 Micro-<br>economics | 3  |
| PSCI 206 | Political Economy of North-South Relations                 | 3  |
| PSCI 208 | Introduction to International Law                          |    |
|          | or PSCI 209 Introduction to United Nations Studies         | 3  |
| PSCI 215 | International Human Rights                                 | 3  |
|          |  | 18 |

##### C. THESIS

|          |               |      |
|----------|---------------|------|
| WREL 395 | Senior Thesis | 3-6* |
|----------|---------------|------|

\*The thesis may be taken for six hours.

#### II. CONCENTRATIONS (12 CREDIT HOURS):

Students complete their major studies by taking twelve semester credit hours in one of the following concentrations.

##### A. East Asian Religion and Society

*Note: In addition to completing 12 semester hours from the regional topical courses that appear below, students in this concentration are required to complete four semesters of Chinese, Japanese or Korean language or demonstrate competency at that level. Choose three Concentration/Region-Specific Courses, designated by (R), plus one non-(R) course.*

# Religion and Politics *Bachelor of Arts Degree*

|           |  |   |
|-----------|--|---|
| WREL 230  | Taoism (R)                                 | 3 |
| WREL 204  | Hinduism (R)                               | 3 |
| WREL 205  | Buddhism (R)                               | 3 |
| WREL 229  | Confucianism and Taoism (R)                | 3 |
| IPED 321  | Political Economy of East Asia (R)         | 3 |
| IPED 329  | Political Economy of China (R)             | 3 |
| MARTS 213 | Martial Arts Studies/East Asian Theory (R) | 3 |
| WREL 278  | Religion, Peace and War                    | 3 |
| WREL 305  | Comparative Religious Ethics               | 3 |
| WREL 398  | WREL Internship                            | 3 |
| WREL 428  | Sociopolitical Implications of Religion    | 3 |

## B. Islamic Religion and Society

*Note: In addition to completing 12 semester hours from the regional topical courses that appear below, students in this concentration are required to complete four semesters of Arabic language study or demonstrate competency at that level. Choose three Concentration/Region-Specific Courses, designated by (R), plus one non-(R) course.*

|          |  |   |
|----------|--|---|
| WREL 209 | Islam (R)                                    | 3 |
| WREL 299 | Gender in Islamic Societies (R)              | 3 |
| WREL 305 | Comparative Religious Ethics                 | 3 |
| WREL 299 | Christian, Muslim, Jewish Relations (R)      | 3 |
| WREL 278 | Religion, Peace and War                      | 3 |
| WREL 373 | Islam and Democracy (R)                      | 3 |
| WREL 299 | Islamic World 632-2014 (R)                   | 3 |
| IPED 341 | Political Economy of the Middle East (R)     | 3 |
| WREL 374 | Religion and Politics in the Middle East (R) | 3 |
| WREL 398 | WREL Internship                              | 3 |
| WREL 428 | Sociopolitical Implications of Religion      | 3 |

## C. Judeo-Christian Thought and Society

*Note: In addition to completing 12 semester hours from the regional topical courses that appear below, students in this concentration are required to complete four semesters French or Spanish or demonstrate competency at that level. In some cases in this concentration, students may choose another foreign language in consultation with their advisor. Choose three Concentration/Region-Specific Courses, designated by (R), plus one non-(R) course.*

|          |   |   |
|----------|---|---|
| WREL 211 | Protestantism (R)                       | 3 |
| WREL 208 | Christianity (R)                        | 3 |
| WREL 207 | Judaism (R)                             | 3 |
| PHIL 205 | History of Western Philosophy (R)       | 3 |
| WREL 299 | Global Christianity (R)                 | 3 |
| WREL 278 | Religion, Peace and War                 | 3 |
| WREL 305 | Comparative Religious Ethics            | 3 |
| WREL 299 | Christian, Muslim, Jewish Relations (R) | 3 |
| WREL 398 | WREL Internship                         | 3 |
| WREL 428 | Sociopolitical Implications of Religion | 3 |

**Regional Concentration** \_\_\_\_\_ **12 hrs**

**Total Major Requirements** \_\_\_\_\_ **45-48 hrs**

**Free Electives** \_\_\_\_\_ **32-35 hrs**

## III. GENERAL EDUCATION REQUIREMENTS

|           |                          |   |
|-----------|--------------------------|---|
| ENGL C101 | Composition and Rhetoric | 3 |
| MATH C105 | Intermediate Algebra     | 3 |
| FYS 101   | First Year Seminar       | 3 |
| HUM       | Humanities Core          | 6 |
| SOSC      | Social Sciences Core     | 6 |
| SCI       | Natural Sciences Core    | 6 |
| FA        | Fine Arts Core           | 3 |
| CAPS 390  | Capstone Seminar         | 3 |
|           | Liberal Arts Electives   | 7 |

**General Education Requirements** \_\_\_\_\_ **40**

**Total B.A. in Religion and Politics Semester Hours** \_\_\_\_\_ **120**

## Suggested Program

### FIRST SEMESTER

|           |                             |   |
|-----------|-----------------------------|---|
| ENGL C101 | Composition and Rhetoric    | 3 |
| MATH C105 | College Algebra             | 3 |
| FYS 101   | First Year Seminar          | 3 |
| WREL 102  | Intro. to Western Religions | 3 |
| PSCI 103  | Intro to Political Science  | 3 |

### SECOND SEMESTER

|          |                             |   |
|----------|-----------------------------|---|
| SCI      | Natural Sciences Core       | 3 |
| FA       | Fine Arts Core              | 3 |
| HIST 101 | World History               | 3 |
| WREL 102 | Intro. to Eastern Religions | 3 |
| WREL     | Concentration Course        | 3 |

### THIRD SEMESTER

|          |                              |   |
|----------|------------------------------|---|
| LANG 101 | Language Requirement 101     | 3 |
| HUM      | Humanities Core              | 3 |
| SOSC     | Social Science Core          | 3 |
| WREL     | 200-level Program Course     | 3 |
| PSCI 323 | Classics in Political Theory | 3 |

### FOURTH SEMESTER

|          |                             |   |
|----------|-----------------------------|---|
| LANG 102 | Language Requirement 102    | 3 |
| SOSC     | Social Science Core         | 3 |
| MCOM280  | Intercultural Communication | 3 |
| WREL     | 200 level Program Course    | 3 |
| WREL     | Concentration Course        | 3 |

### FIFTH SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| LANG 103 | Language Requirement 103 | 3 |
| HUM      | Humanities Core          | 3 |
| WREL     | 200-level Program Course | 3 |
| WREL     | Concentration Course     | 3 |
|          | Elective                 | 3 |

### SIXTH SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| LANG 104 | Language Requirement 104 | 3 |
| SCI      | Natural Sciences Core    | 3 |
| WREL     | 200-level Program Course | 3 |
| WREL     | Concentration Course     | 3 |
|          | Elective                 | 3 |

## SEVENTH SEMESTER

|           |                       |   |
|-----------|-----------------------|---|
| CAPS C390 | Capstone Seminar      | 3 |
|           | Liberal Arts Elective | 3 |
| WREL      | Concentration Course  | 3 |
| PSCI 209  | U.N. Studies          | 3 |
| WREL 395  | Thesis                | 3 |

## EIGHTH SEMESTER

|          |                          |   |
|----------|--------------------------|---|
| WREL     | Concentration Course     | 3 |
|          | Liberal Arts Electives   | 4 |
| SOSC 207 | World Regional Geography | 3 |
|          | Elective                 | 3 |
|          | Elective                 | 2 |

**Total Semester Hours** \_\_\_\_\_ **120**

\*Students who do not meet the modern language requirement for the B.A. degree must use 3-12 semester hours free electives, depending on their level of competency, to satisfy this requirement.

# Social Sciences Bachelor of Arts Degree

*Program Head:* Beth Skott  
Carlson Hall, Room 231  
Telephone: (203) 576-4453  
Fax: (203) 576-4967  
E-mail: bskott@bridgeport.edu

## Curriculum and Program Requirements

The Social Sciences major is designed to provide students with a liberal arts experience from the perspective of the social sciences. It is innovative both in its interdisciplinary approach to subject matter and the options it offers students to pursue their goals, whether in graduate school or government or the foreign service, in international agencies or business, in the law, teaching or community service. In addition to completing the major (i.e. meeting the requirements indicated in Groups I & II), students may choose to add (i) concentrations or minors in Criminal Justice, History, International Studies, Pre-Law, Political Science, Psychology, Sociology, or (ii) minors in career-related areas such as International Business, Finance, Human Services, and Education. Career opportunities traditionally available to liberal arts students are much enhanced by the flexibility the Social Science major permits. In its interdisciplinary approach, its emphasis on breadth as well as depth of learning, and its focus on practical skills, the Social Science major prepares students, for leadership roles in their communities and the world, and for self-fulfillment, and for success in their careers.

## Learning Outcomes

Students in the B.A. in Social Sciences program will 1) possess a broad, liberal arts foundation and an understanding of how developments in social and intellectual history shape and affect human values and institutions; 2) demonstrate an understanding of basic social science methods; 3) demonstrate that they are conversant (i.e., possess a basic grasp) in the disciplines subsumed under the "social science" rubric at the University of Bridgeport, i.e., political science, economics, international studies, and sociology; 4) demonstrate a more advanced "working knowledge" of at least one social science discipline; 5) demonstrate they possess the cognitive competencies and study skills to succeed in advanced/graduate studies in any of the social sciences or in law or business; 6) demonstrate that they have the

competencies needed to function competently in an entry-level social science-related career; and 7) demonstrate competency in written and oral communication.

## Summary of Requirements

### PROGRAM REQUIREMENTS

#### GROUP I

|                   |       |
|-------------------|-------|
| Economics         | 6     |
| History           | 6     |
| Political Science | 6     |
| Psychology        | 6     |
| Sociology         | 6     |
|                   | <hr/> |
|                   | 30    |

#### GROUP II

|          |                          |       |
|----------|--------------------------|-------|
| SOSC 395 | Thesis or Senior Project | 3     |
| SOSC 300 | Methods Seminar          | 3     |
|          |                          | <hr/> |
|          |                          | 6     |

**Total Major Semester Hours:** 36

**Any changes to these requirements require advisor approval.**

### MINOR/CONCENTRATION IN THE SOCIAL SCIENCES:

#### MINOR IN SOCIOLOGY

|            |                                      |       |
|------------|--------------------------------------|-------|
| SOC 101    | Introduction to Sociology            | 3     |
| or SOC 102 | Social Problems                      | 3     |
| SOC 204    | Marriage and Family                  | 3     |
| SOSC 300   | Research Methods                     | 3     |
|            | Plus 3 electives with chair approval | 9     |
|            |                                      | <hr/> |
|            |                                      | 18    |

#### MINOR IN CRIMINAL JUSTICE

|            |   |       |
|------------|---|-------|
| SOC 118    | Intro to Criminal Justice                 | 3     |
| SOC 315    | Criminology                               | 3     |
| PSCI 233   | Introduction to the American Legal System | 3     |
| or PSCI101 | American Government                       | 3     |
| or SOC 311 | Juvenile Delinquency                      | 3     |
| or SOC 270 | Sociology of Deviance                     | 3     |
| HUSV 315   | Substance Abuse and Chemical Dependency   | 3     |
| PSCI 333   | The Terror Network                        | 3     |
| SOC 398    | Internship in Criminal Justice            | 3     |
|            |   | <hr/> |
|            |   | 18    |

#### MINOR IN POLITICAL SCIENCE

|            |   |   |
|------------|---|---|
| PSCI 101   | American Government                                       | 3 |
| or PSCI103 | Intro to Political Science and Political Research Methods | 3 |
| PSCI 204   | Government and Politics Abroad                            | 3 |
| PSCI 207   | World Politics  | 3 |
| IPED 206   | Political Economy of North South                          | 3 |

|             |  |       |
|-------------|--|-------|
| or PSCI 209 | Relations                              |       |
| SOSC 207    | Introduction to United Nations Studies | 3     |
| PSCI 323    | World Regional Geography               | 3     |
| or PSCI 324 | Classics in Political Theory           | 3     |
|             | Recent Political Theory                | 3     |
|             |  | <hr/> |
|             |  | 18    |

### MINOR IN PSYCHOLOGY

|          |                                     |       |
|----------|-------------------------------------|-------|
| Psyc 103 | Introduction to Psychology          |       |
|          | Plus 5 additional Psychology course |       |
|          |                                     | <hr/> |
|          |                                     | 18    |

### CONCENTRATION IN PRE-LAW

|            |   |       |
|------------|---|-------|
| PSCI 101   | American Government                       | 3     |
| PSCI 223   | Introduction to the American Legal System | 3     |
| SOC 315    | Criminology                               | 3     |
| PSCI 204   | Government and Politics Abroad            | 3     |
| or SOC 231 | Cultural Anthropology                     |       |
| PSCI 398   | Law Internship                            | 3     |
|            |   | <hr/> |
|            |   | 15    |

### CONCENTRATION IN HISTORY

|  |  |       |
|--|--|-------|
|  | Any 5 History Courses. HIST 207 American History 1 and HIST 208 American History 2 are strongly recommended. |       |
|  |  | <hr/> |
|  |  | 15    |

### CONCENTRATION IN INTERNATIONAL STUDIES

|          |                          |       |
|----------|--------------------------|-------|
| PSCI 209 | UN Studies               | 3     |
| PSCI 207 | World Politics           | 3     |
| SOSC 207 | World Regional Geography | 3     |
| PHIL 216 | World Religions          | 3     |
|          |                          | <hr/> |
|          |                          | 12    |

**FREE ELECTIVES\*** 20

**FOREIGN LANGUAGE\*** 12

**Competency in a foreign language is required of all Social Science majors. Students may either demonstrate competency or complete coursework through the 104 level any language offered at the University.**

### GENERAL EDUCATION REQUIREMENTS

|              |                        |   |
|--------------|------------------------|---|
| ENGL C101    | Composition & Rhetoric | 3 |
| MATH C105    | Intermediate Algebra   | 3 |
| or MATH C108 | Ideas of Mathematics   | 3 |
| HUM          | Humanities Core        | 6 |
| SCI          | Natural Sciences Core  | 6 |
| SOSC         | Social Sciences Core   | 6 |
| FA           | Fine Arts Core         | 3 |
| FYS          | First year Studies     | 3 |
| CAPS C390    | Capstone Seminar       | 3 |
|              | Liberal Arts Electives | 7 |

**Total Semester Hours** 120

# Social Sciences *Bachelor of Arts Degree*

## **Suggested Program**

### **FIRST SEMESTER**

|      |      |                        |   |
|------|------|------------------------|---|
| ENGL | C101 | Composition & Rhetoric | 3 |
| HUM  |      | Humanities Core        | 3 |
|      |      | Foreign Language 101   | 3 |
| MATH | C105 | Intermediate Algebra   | 3 |
|      |      | History (Group I)      | 3 |

### **SECOND SEMESTER**

|     |  |                             |   |
|-----|--|-----------------------------|---|
| HUM |  | Humanities Core             | 3 |
|     |  | Foreign Language 102        | 3 |
|     |  | Psychology (Group I)        | 3 |
| FA  |  | Fine Arts Core              | 3 |
|     |  | Political Science (Group I) | 3 |

### **THIRD SEMESTER**

|      |  |                             |   |
|------|--|-----------------------------|---|
| SOSC |  | Social Sciences Core        | 3 |
|      |  | Foreign Language 103        | 3 |
|      |  | Sociology (Group I)         | 3 |
|      |  | Economics (Group I)         | 3 |
|      |  | Political Science (Group I) | 3 |

### **FOURTH SEMESTER**

|      |  |                      |   |
|------|--|----------------------|---|
| SOSC |  | Social Sciences Core | 3 |
|      |  | Foreign Language 104 | 3 |
|      |  | Economics (Group I)  | 3 |
|      |  | History (Group I)    | 3 |
|      |  | Elective             | 3 |

### **FIFTH SEMESTER**

|     |  |                              |   |
|-----|--|------------------------------|---|
| SCI |  | Natural Sciences Core        | 3 |
|     |  | Sociology (Group I)          | 3 |
|     |  | Psychology (Group I)         | 3 |
|     |  | Concentration 1, or Elective | 3 |
|     |  | Liberal Arts Elective        | 3 |

### **SIXTH SEMESTER**

|      |     |                                   |   |
|------|-----|-----------------------------------|---|
| SCI  |     | Natural Sciences Core             | 3 |
| SOSC | 300 | Seminar in Methods                | 3 |
|      |     | Concentration 2 & 3, or Electives | 6 |
|      |     | Liberal Arts Elective             | 3 |

### **SEVENTH SEMESTER**

|      |     |                              |   |
|------|-----|------------------------------|---|
| SOSC | 395 | Thesis                       | 3 |
|      |     | Concentration 4, or Elective | 3 |
|      |     | Free Elective                | 6 |
|      |     | Liberal Arts Elective        | 3 |

### **EIGHTH SEMESTER**

|      |      |                  |    |
|------|------|------------------|----|
| CAPS | C390 | Capstone Seminar | 3  |
|      |      | Free Electives   | 12 |

**Total Semester Hours** 120

\*Students who do not meet the modern language requirement for the B.A. degree must use 3-12 semester hours free electives, depending on their level of competency, to satisfy this requirement.