
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	42
Accounting Program Requirements	63
Accounting Electives	6
Free Electives	9
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	120

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
ACCT 300	Intermediate Accounting I	3
ACCT 311	Taxation of Individuals	3
CAIS 191	Computer Concepts	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
CAIS 201	Introduction to CAIS	3
FIN 309	Managerial Finance	3
FIN 321	Investment Principles	3
FIN 380	Multinational Finance	3
LAW 251	Business Law I	3
MGMT301	Operations Management	3
MGMT302	Multicultural Management	3
MGMT312	Taxation of Entities	3
MGMT350	Business Policy and Strategy	3
MKTG 305	Principles of Marketing	3
MKTG 342	Multinational Marketing	3
BUAD 382	Senior Project/Internship	3

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Plus six semester hours of Accounting electives selected two courses from:

ACCT 301	Intermediate Accounting II	3
ACCT 302	Multicultural Management	3
ACCT 327	Multinational Accounting	3
ACCT 335	Auditing	3

6

FREE ELECTIVES

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

Free Electives 9

9

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition and Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics - Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition (for Business)	3
FA	Fine Arts Core	3
CAPS C390	Capstone Seminar	3
SOSC	Social Sciences Core	6

42

Total Semester Hours 120

Accounting *Bachelor of Science Degree*

Suggested Program

FIRST SEMESTER

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

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
ENGL 202	Advanced Composition (for Business)	3
CAIS 101	Statistics	3
SCI	Natural Science Core	3
FA	Fine Arts Core	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
ACCT 103	Managerial/Cost Accounting	3
ACCT 210	Financial Accounting Systems	3
SOSC	Social Science Core	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
LAW 251	Business Law I	3
CAIS 201	Introduction to CAIS	3
SCI	Natural Science Core	3
ACCT 300	Intermediate Accounting I	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MGMT 301	Operations Management	3
MKTG 305	Principles of Marketing	3
HUM	Humanities Core	3
ACCT	Major Elective	3

SIXTH SEMESTER

FIN 380	Multinational Finance	3
MKTG 342	Multinational Marketing	3
MGMT 302	Multicultural Management	3
HUM	Humanities Core	3
ACCT	Major Elective	3

SEVENTH SEMESTER

FIN 321	Investment Principles	3
ACCT 311	Taxation of Individuals	3
BUAD 382	Senior Project/Internship	3
	Free Elective	3
SOSC	Social Science Core	3

EIGHTH SEMESTER

MGMT 350	Business Policy and Strategy	3
CAPS C390	Capstone Seminar	3
	Free Electives	9

Total Semester Hours _____ **120**

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 major 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 / Bachelor of Science Degree

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 Biology Electives ²	4 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
		<hr/> 56

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 ¹	6
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
FYS 101	First Year Seminar	3
CAPS C390	Capstone Seminar	3
		<hr/> 42

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 ¹	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 ²	14
	Humanities Elective	3
CAPS 390	Capstone Seminar	3
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
	Electives ³	22
		<hr/> 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 Biology Electives ¹	4 26
CHEM 205	Organic Chemistry I	4
CHEM 206	Organic Chemistry II	4
PHYS 202	General Physics II	4
		<hr/> 64

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
		<hr/> 40

ELECTIVES² _____ 16

Total Semester Hours _____ **120**

Biology Bachelor of Arts / Bachelor of Science Degree

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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		31

JUNIOR YEAR AND SENIOR YEAR

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

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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

CREDITS

General Education Requirements	33
Program Requirements	27
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PROGRAM REQUIREMENTS

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
		27

GENERAL EDUCATION REQUIREMENTS

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
		33

Total Semester Hours 60

Suggested Program

FIRST SEMESTER

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

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
CAIS 101	Statistics	3
ENGL 202	Advanced Composition	3
SCI	Natural Science Core	3
	Free Elective	3

THIRD SEMESTER

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

FOURTH SEMESTER

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

Business Administration *Bachelor of Science Degree*

Assistant Dean-Student Services:

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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 organiza-

tion; 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

CREDITS

General Education Requirements	42
Business Administration Program Requirements	51
Business Administration Electives	12
Free Electives	15
	120

PROGRAM REQUIREMENTS

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 103	Managerial/Cost Accounting	3
CAIS 191	Computer Concepts	3
LAW 251	Business Law I	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
FIN 309	Managerial Finance	3
MGMT 301	Operations Management	3
CAIS 201	Introduction to CAIS	3
MKTG 305	Principles of Marketing	3
FIN 321	Investment Principles	3
FIN 380	Multinational Finance	3
MGMT 302	Multicultural Management	3
MKTG 342	Multinational Marketing	3
MGMT 350	Business Policy and Strategy	3
BUAD 382	Senior Project/Internship	3
	Business Electives*	12
	Free Electives	15
		78

*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.

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition and Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics- Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition (for Business)	3
FA	Fine Arts Core	3
CAPS C390	Capstone Seminar	3
SOSC	Social Sciences Core	6
		42

Total Semester Hours **120**

Suggested Program

FIRST SEMESTER

ACCT 101	Principles of Accounting I	3
ENGL C101	Composition & Rhetoric	3
MATH C105	Intermediate Algebra	3
FYS 101	First Year Seminar	3
CAIS 191	Computer Concepts	3

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
ENGL 202	Advanced Composition (for Business)	3
CAIS 101	Statistics	3
SCI	Natural Sciences Core	3
	Free Elective	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
ACCT 103	Managerial Accounting	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
CAIS 201	Introduction to CAIS	3
LAW 251	Business Law I	3
SCI	Natural Science Core	3
SOSC	Social Science Core	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MKTG 305	Principles of Marketing	3
MGMT301	Operations Management	3
HUM	Humanities Core	3
	Free Elective	3

Business Administration *Bachelor of Science Degree*

SIXTH SEMESTER

FIN	380	Multinational Finance	3
MKTG	342	Multinational Marketing	3
MGMT	302	Multicultural Management	3
HUM		Humanities Core	3
		Free Elective	3

SEVENTH SEMESTER

FIN	321	Investment Principles	3
BUAD	382	Senior Project/Internship	3
		Major Electives	6
		Free Elective	3

EIGHTH SEMESTER

MGMT	350	Business Policy and Strategy	3
CAPS	C390	Capstone Seminar	3
		Major Electives	6
		Free Elective	3

Total Semester Hours _____ **120**

Computer Engineering *Bachelor of Science Degree*

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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.

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 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
		37

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 (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

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 (Data Structures & Algorithms)	4
CPSC 227	Discrete Structures	3
PHYS 112	Principles of Physics II	4

Computer Engineering *Bachelor of Science Degree*

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
 Telephone: (203) 576-4145
 Fax: (203) 576-4765
 E-mail: mahmood@bridgeport.edu

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
		<hr/> 22

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
		<hr/> 39

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 CPSC Elective (3)	3
	Technical Elective (2)	6
	Free Elective	3
		<hr/> 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

Computer Science *Bachelor of Science Degree*

THIRD SEMESTER

CPSC 227	Discrete Structures	3
MATH 215	Calculus III	4
	PHYS/CHEM/BIO	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	3
FA	Fine Arts Core	3
HUM	Humanities Core	3
CPEG 210	Digital System Design I	3

FIFTH SEMESTER

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 explore 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
		18

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
		18

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
		15

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 cur-

riculum 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 sero-conversion 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 professional 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.

Dental Hygiene *Associate in Science Degree*

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

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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

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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

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 hygiene 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.

Dental Hygiene Bachelor of Science Degree

Dean: Marcia Lorentzen
 Health Sciences Center, Room 413
 Telephone: (203) 576-4138
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 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
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		66

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
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		45

ELECTIVES

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

Dental Hygiene *Bachelor of Science Degree*

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
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SEVENTH SEMESTER

HUSV 201	Introduction to Counseling	3
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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
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SUMMER

DHYG 306	Dental Hygiene Research II	4
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Total Semester Hours _____ **120-124**

Dental Hygiene *Bachelor of Science Degree Online Program*

Online Coordinator: Dr. Wendy Garcia
Health Sciences Center, Room 417
Telephone: (203) 576-4141
Fax: (203) 576-4220
E-mail: wendyg@bridgeport.edu

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 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 and 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 inter-

action 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
	Total	26

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
	Total	60

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
	Total	34

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
		TOTAL 16

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
		TOTAL 15

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
		TOTAL 15

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
		TOTAL 15

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
		TOTAL 15

SEMESTER 6

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

SEMESTER 7

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

SEMESTER 8

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

English Bachelor of Arts Degree

Chair: Dr. Diane Krummy
Bryant Hall
Telephone: (203) 576-2381
Fax: (203) 576 4051
E-mail: dkrummy@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
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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

English *Bachelor of Arts Degree*

SEMESTER 6

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

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

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

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

English Bachelor of Science Degree

Chair: Dr. Diane Krummy
 Bryant Hall
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 Fax: (203) 576 4051
 E-mail: dkrummy@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
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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

English Bachelor of Science Degree

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

SEMESTER 8

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

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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 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
		39

GENERAL EDUCATION REQUIREMENTS

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

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	Intro to Mass Communication	3
or MCOM 110	Public Speaking	
HUM	Humanities Core	3
SOSC	Social Sciences Core	3

Total Semester Hours 63

Fashion Merchandising *Bachelor of Science Degree*

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 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

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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	
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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
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Fashion Merchandising *Bachelor of Science Degree*

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

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Total Semester Hours 123

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

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Finance Bachelor of Science Degree

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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	42
Finance Program Requirements	51
Finance Concentration Electives	12
Free Electives	15
	120

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition & Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics - Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition	3
FA	Fine Arts Core	3
CAPS 390	Capstone Seminar	3
SOSC	Social Sciences Core	6
		42

PROGRAM REQUIREMENTS

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 103	Managerial/Cost Accounting	3
CAIS 191	Computer Concepts	3
LAW 251	Business Law I	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
FIN 309	Managerial Finance	3
MGT 301	Operations Management	3
CAIS 201	Introduction to CAIS	3
MKTG 305	Principles of Marketing	3
FIN 321	Investment Principles	3
FIN 380	Multinational Finance	3
MGMT302	Multicultural Management	3
MKTG 342	Multinational Marketing	3
MGMT350	Business Policy and Strategy	3
BUAD 382	Senior Project/Internship	3
		51

FINANCE ELECTIVES (Select 12 credits)

ECON 311	Managerial Economics	3
ECON 375	International Business Economics	3
ECON 376	Business Forecasting	3
FIN 345	Management of Financial Institutions	3
FIN 365	Advanced Financial Management	3
FIN 366	Cases in Finance	3
		12

FREE ELECTIVES

Total Semester Hours **120**

Suggested Program

FIRST SEMESTER

ACCT 101	Principles of Accounting I	3
ENGL C101	Composition & Rhetoric	3
MATH C105	Intermediate Algebra	3
FYS 101	First Year Seminar	3
CAIS 191	Computer Concepts	3

SECOND SEMESTER

ACCT 101	Principles of Accounting II	3
ENGL 202	Advanced Composition (for Business)	3
CAIS 101	Statistics	3
SCI	Natural Science Core	3
	Free Elective	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
ACCT 103	Managerial/Cost Accounting	3
	Free Elective	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
CAIS 201	Introduction to CAIS	3
LAW 251	Business Law I	3
SCI	Natural Science Core	3
SOSC	Social Science Core	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MKTG 305	Principles of Marketing	3
MGMT301	Operations Management	3
HUM	Humanities Core	3
	Free Elective	3

SIXTH SEMESTER

FIN 380	Multinational Finance	3
MKTG 342	Multinational Marketing	3
MGMT302	Multicultural Management	3
HUM	Humanities Core	3
	Free Elective	3

SEVENTH SEMESTER

FIN 321	Investment Principles	3
BUAD 382	Senior Project/Internship	3
	Major Electives	6
	Free Elective	3

EIGHTH SEMESTER

MGNT 350	Business Policy and Strategy	3
CAPS C390	Capstone Seminar	3
	Major Electives	6
	Free Elective	3

Total Semester Hours **120**

General Studies *Associate in Arts Degree*

Advisor: Edward Geist
 Charles Dana Hall
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 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

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

Suggested Program

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

General Studies *Associate in Science Degree*

Advisor: Edward Geist
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 Fax: (203) 576-4051
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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

PROGRAM REQUIREMENTS	
Math and Science Electives	24
Elective Semester Hours	15
	39

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

Suggested Program

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

General Studies *Bachelor of Science Degree*

Advisor: Edward Geist
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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

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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

Total Semester Hours Required 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 (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

Graphic Design *Bachelor of Fine Arts Degree*

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

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*

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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 Sciences *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 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 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
HSCI	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 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

Total Semester Hours Required

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

Total Semester Hours Required

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

Total Semester Hours Required

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

Total Semester Hours Required

Health Sciences *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 or HUSV 304	Group Interaction Peer Counseling	3
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 or HUSV 320	Ethics Applied Ethics for HUSV Professionals	3
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

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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

Industrial Design *Bachelor of Science Degree*

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
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, Hospital-ity, 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
		30

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
		57

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
		40

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

Interior Design *Bachelor of Science Degree*

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

FOURTH SEMESTER

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

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

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

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

	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
Mandevill 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	42
International Business Program Requirements	51
International Business Major Electives	12
Free Electives	15
	120

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition & Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics - Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition (for Business)	3
FA	Fine Arts Core	3
CAPS C390	Capstone Seminar	3
SOSC	Social Sciences Core	6
		42

PROGRAM REQUIREMENTS

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 103	Managerial/Cost Accounting	3
CAIS 191	Computer Concepts	3
LAW 251	Business Law I	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
FIN 309	Managerial Finance	3
MGMT 301	Operations Management	3
CAIS 201	Introduction to CAIS	3
MKTG 305	Principles of Marketing	3
FIN 321	Investment Principles	3
FIB 380	Multinational Finance	3
MGMT 302	Multicultural Management	3
MKTG 342	Multinational Marketing	3
MGMT 350	Business Policy and Strategy	3
BUAD 382	Senior Project/Internship	3
		51

INTERNATIONAL BUSINESS ELECTIVES (Select four 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
MGMT 320	Entrepreneurship and Small Business Management	3
-OR-	Other approved courses in foreign languages, study abroad, history, or political science	
		12

FREE ELECTIVES _____ **15**

Total Semester Hours _____ **120**

Suggested Program

FIRST SEMESTER

ACCT 101	Principles of Accounting I	3
ENGL C101	Composition & Rhetoric I	3
MATH C105	Intermediate Algebra	3
FYS 101	First Year Seminar	3
CAIS 191	Computer Concepts	3

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
ENGL 202	Advanced Composition	3
CAIS 101	Statistics	3
SCI	Natural Science Core	3
	Free Elective	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
ACCT 103	Managerial/Cost Accounting	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
CAIS 201	Introduction to CAIS	3
LAW 251	Business Law I	3
SCI	Natural Sciences Core	3
SOSC	Social Sciences Core	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MKTG 305	Principles of Marketing	3
MGMT 301	Operations Management	3
HUM	Humanities Core	3
	Free Elective	3

SIXTH SEMESTER

FIN 380	Multinational Finance	3
MKTG 342	Multinational Marketing	3
MGMT 302	Multicultural Management	3
HUM	Humanities Core	3
	Free Elective	3

SEVENTH SEMESTER

FIN 321	Investment Principles	3
BUAD 382	Senior Project/Internship	3
	Major Electives	6
	Free Elective	3

EIGHTH SEMESTER

MGMT 350	Business Policy and Strategy	3
CAPS C390	Capstone Seminar	3
	Major Electives	6
	Free Elective	3

Total Semester Hours _____ **120**

International Political Economy and Diplomacy *Bachelor of Arts*

Chair: Chunjuan Nancy Wei
 Carlson Hall, Room 219
 Telephone: (203) 576-4153
 Fax: (203) 576-4967
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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 demonstrate 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	Macro Economics	3
or IPED 201	Economics and Development	
ECON 202	Micro Economics	3
or IPED 202	Intro to Political Economy	
IPED 206	Pol. Eco. of North/South Relations	3
PSCI 312	Diplomacy & Foreign Policy	3

TWO OF THE FOLLOWING

PSCI 101	American Government	3
or IPED 345	Political Economy of EU	
or IPED 329	Political Economy of China	
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	International Relations	3
or PSCI 207	World Politics	3
PSCI 208	Intro to International Law	3
or PSCI 209	Intro to United Nations Studies 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	American Government	3
or PSCI 103	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	Pol. Eco. of North/South Relations	3

or PSCI 209	Intro to United Nations Studies	3
SOSC 207	World Regional Geography	3
PSCI 323	Classics in Political Theory	3
or PSCI 324	Recent Political Theory	3

ASIA-PACIFIC STUDIES

IPED/PSCI 321	Political Economy of East Asia	3
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PLUS ANY FOUR OF THE FOLLOWING COURSES:

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
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PLUS ANY FOUR OF THE FOLLOWING COURSES:

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
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PLUS ANY FOUR OF THE FOLLOWING COURSES:

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
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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 con-

International Political Economy and Diplomacy *Bachelor of Arts*

centration, should they have elected one. In addition, one semester of internship is also strongly encouraged. Internship may account for 3 to 6 credit hours.

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 320

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

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.

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	
		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
		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
		15

ENGLISH

ENGL 207 or 208	Survey of American Literature	3
ENGL 209 or 210	Survey of British Literature	3
	Electives in English	9
		15

HISTORY

HIST 207 or 208	Survey of American History	3
HIST 233	The Roots of Modern Culture	3
	Electives in History	9
		15

PHILOSOPHY

PHIL 203	Ethics	3
PHIL 216	Philosophy of World Religions	3
	Electives in Philosophy	9
		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
		40

FOREIGN LANGUAGE

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

ELECTIVES AND/OR MINOR _____ 26-38

Literature and Civilization *Bachelor of Arts Degree*

Suggested Program

FIRST SEMESTER			FIFTH SEMESTER		
ENGL C101	Composition & Rhetoric	3	LANG 103		3
MATH C105	Intermediate Algebra	3	ADSN 117	Survey of Art History I	3
FYS 101	First Year Seminar	3	MUSC 122*	Music in the liberal Arts, or	
SCI	Natural Sciences Core	3	THA 103*	Introduction to Drama	
	Electives	3		Philosophy Elective (Group I)	3
SECOND SEMESTER			SIXTH SEMESTER		
FA	Fine Arts Core	3	LANG 104		3
SCI	Natural Sciences Core	3		Concentration Require. 2 (Group III)	3
HIST 101	World History (Group 1)	3	ENGL 305	Shakespeare (Group I)	3
	Concentration Elective 1 (Group III)	3		Electives	6
	Elective	3	SEVENTH SEMESTER		
THIRD SEMESTER			HUM 300	Senior Seminar (Group II)	3
LANG 101		3	CAPS C390	Capstone Seminar	3
HUM	Humanities Core	3		History Elective (Group I)	3
SOSC	Social Sciences Core	3		Electives	6
	Concentration Require 1 (Group III)	3	EIGHTH SEMESTER		
	Elective	3	HUM 395	Senior Thesis (Group II)	3
FOURTH SEMESTER				Concentration Elective 3 (Group III)	3
LANG 102		3		English Elective (Group I)	3
HUM	Humanities Core	3		Electives	6
SOSC	Social Sciences Core	3	Total Semester Hours _____ 120		
PHIL 205	Western Philosophy (Group I)	3			
	Elective	3			

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	42
Management and Industrial Relations Program Requirements	51
Management and Industrial Relations Major Electives	12
Free Electives	15
	120

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition & Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics - Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition (for Business)	3
FA	Fine Arts Core	3
CAPS C390	Capstone Seminar	3
SOSC	Social Sciences Core	6
		42

PROGRAM REQUIREMENTS

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 103	Managerial/Cost Accounting	3
CAIS 191	Computer Concepts	3
LAW 251	Business Law I	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
FIN 309	Managerial Finance	3
MGMT301	Operations Management	3
CAIS 201	Introduction to CAIS	3
MKTG 305	Principles of Marketing	3
FIN 321	Investment Principles	3
FIN 380	Multinational Finance	3
MGMT302	Multicultural Management	3
MKTG 342	Multinational Marketing	3
MGMT350	Business Policy and Strategy	3
BUAD 382	Senior Project/Internship	3
		51

MANAGEMENT ELECTIVES

MGMT300	Interpers. and Group Beh. in Org.	3
MGMT305	Human Resource Issues in Management	3
MGMT311	Hum. Res. Mgmt Programs and Skills	3
MGMT320	Entrepren. and Small Bus. Mgmt	3
MGMT340	Conflict and Negotiation	3

MGMT342	Labor Law and Arbitration	3
MGMT330	Leadership Lessons from the Movies	3

Select four courses **12**

FREE ELECTIVES **15**

Total Semester Hours **120**

Suggested Program

FIRST SEMESTER

ACCT 101	Principles of Accounting I	3
ENGL C101	Composition & Rhetoric	3
MATH C105	Intermediate Algebra	3
FYS 101	First Year Seminar	3
CAIS 191	Computer Concepts	3

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
ENGL 202	Advanced Composition	3
CAIS 101	Statistics	3
SCI	Natural Sciences Core	3
	Free Elective	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
ACCT 103	Managerial/Cost Accounting	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
CAIS 201	Introduction to CAIS	3
LAW 251	Business Law I	3
SCI	Natural Science Core	3
SOSC	Social Science Core	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MKTG 305	Principles of Marketing	3
MGMT301	Operations Management	3
HUM	Humanities Core	3
	Free Elective	3

SIXTH SEMESTER

FIN 380	Multinational Finance	3
MKTG 342	Multinational Marketing	3
MGMT 302	Multicultural Management	3
HUM	Humanities Core	3
	Free Elective	3

SEVENTH SEMESTER

FIN 321	Investment Principles	3
BUAD 382	Senior Project/Internship	3
	Major Electives	6
	Free Elective	3

EIGHTH SEMESTER

MGMT 350	Business Policy and Strategy	3
CAPS C390	Capstone Seminar	3
	Major Electives	6
	Free Elective	3

Total Semester Hours **120**

Marketing Bachelor of Science Degree

Assistant Dean-Student Services:

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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	42
Marketing Program Requirements	51
Marketing Electives	12
Free Electives	15
	<hr/>
	120

GENERAL EDUCATION REQUIREMENTS

ENGL C101	Composition & Rhetoric	3
FYS 101	First Year Seminar	3
MATH C105	Intermediate Algebra	3
SCI	Natural Sciences Core	6
HUM	Humanities Core	6
ECON 201	Principles of Economics - Macro	3
ECON 202	Principles of Economics - Micro	3
ENGL 202	Advanced Composition	3
FA	Fine Arts Core	3
CAPS C390	Capstone Seminar	3
SOSC	Social Sciences Core	6
		<hr/>
		42

PROGRAM REQUIREMENTS

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 103	Managerial/Cost Accounting	3
CAIS 191	Computer Concepts	3
LAW 251	Business Law I	3
CAIS 101	Statistics	3
CAIS 102	Applied Statistics	3
FIN 309	Managerial Finance	3
MGMT 301	Operations Management	3
CAIS 201	Introduction to CAIS	3
MKTG 308	Marketing Research	3
FIN 321	Investment Principles	3
FIN 380	Multinational Finance	3
MGMT 302	Multicultural Management	3
MKTG 342	Multinational Marketing	3
MGMT 350	Business Policy and Strategy	3
BUAD 382	Senior Project/Internship	3
		<hr/>
		51

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 350	Marketing Management	3
MGMT 320	Entrepreneurship and Small Business Management	3
		<hr/>

Select four courses 12

FREE ELECTIVES 15

Total Semester Hours 120

Suggested Program

FIRST SEMESTER

ACCT 101	Principles of Accounting I	3
ENGL C101	Composition & Rhetoric	3
MATH C105	Intermediate Algebra	3
FYS 101	First Year Seminar	3
CAIS 191	Computer Concepts	3

SECOND SEMESTER

ACCT 102	Principles of Accounting II	3
ENGL 202	Advanced Composition (for Business)	3
CAIS 101	Statistics	3
SCI	Natural Sciences Core	3
	Free Elective	3

THIRD SEMESTER

ECON 201	Principles of Economics - Macro	3
CAIS 102	Applied Statistics	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
ACCT 103	Managerial Accounting	3

FOURTH SEMESTER

ECON 202	Principles of Economics - Micro	3
CAIS 201	Introduction to CAIS	3
LAW 251	Business Law I	3
SCI	Natural Science Core	3
SOSC	Social Science Core	3

FIFTH SEMESTER

FIN 309	Managerial Finance	3
MKTG 305	Principles of Marketing	3
MGMT 301	Operations Management	3
HUM	Humanities Core	3
	Free Elective	3

SIXTH SEMESTER

FIN 380	Multinational Finance	3
MKTG 342	Multinational Marketing	3
MGMT 302	Multicultural Management	3
HUM	Humanities Core	3
	Free Elective	3

SEVENTH SEMESTER

FIN 321	Investment Principles	3
BUAD 382	Senior Project/Internship	3
MKTG 308	Marketing Research	3
	Major Elective	3
	Free Elective	3

EIGHTH SEMESTER

MGMT 350	Business Policy and Strategy	3
CAPS C390	Capstone Seminar	3
	Major Electives	6
	Free Elective	3

Total Semester Hours 120

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) dem-

onstrate 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
	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	
		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

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

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

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.

Martial Arts Studies *Bachelor of Arts Degree*

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

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
 Telephone: (203) 576-4157
 Fax: (203) 576-4967
 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 lev-

els; 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
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Take FOUR course from the following:

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
(Plus any four of the following courses)		
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

Mass Communication *Bachelor of Arts Degree*

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
MCOM 345	Newspaper Editing & Production	3
MCOM 390	Media Law and Ethics	3
		15

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
		15

PUBLIC RELATIONS

MCOM 270	Public Relations	3
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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
		15

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
		15

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
		<hr/> 39

GENERAL EDUCATION

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
		<hr/> 40

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
<hr/>		
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
<hr/>		
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
<hr/>		
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
<hr/>		
Total Semester Hours		122

Mathematics Bachelor of Science Degree

Chair:

Dana Hall, Room 151
 Telephone: (203) 576-4268
 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

ELECTIVES (IN CONCENTRATION)

33

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

Total Semester Hours 120

* 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

Total Semester Hours 120

Mechanical Engineering Bachelor of Science Degree

Chair: Junling Hu
 Engineering Technology Building
 Telephone: (203) 576-4575
 Fax: (203) 576-4765
 Email: jjhu@bridgeport.edu

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
	Total	27

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
	Total	60

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
	Total	34

Total Semester Hours 121

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

Mechanical Engineering *Bachelor of Science Degree*

THIRD SEMESTER

MEEG 250	Engineering Mechanics: Statics	3
ELEG 233	Network Analysis I with Lab, aka 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 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 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 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 Technical Electives	6

Medical Laboratory Science *Bachelor of Science Degree*

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

Dana Hall, Room 151
Telephone (203) 576-4268
Fax: (203) 576-4262

E-mail: waguiar@bridgeport.edu

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

Dana Hall, Room 213
Telephone: (203) 576-4253
Fax: (203) 576-4262

E-mail: engelmann@bridgeport.edu

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 em-

Medical Laboratory Science *Bachelor of Science Degree*

ployment 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.

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
		<hr/>
		31-38

*Recommended courses.

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, 1	Social 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
Telephone: (203) 576-4407
Fax: (203) 576-4052
E-mail: 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

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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.

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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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Music Bachelor of Music Degree

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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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)
TOTAL	(16)	TOTAL	(16)

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)
TOTAL	(13)	TOTAL	(15)

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)
TOTAL	(17)	TOTAL	(15)

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)
TOTAL	(17)	TOTAL	(12)

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)
TOTAL	(15)	TOTAL	(17)

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)
TOTAL	(14)	TOTAL	(17)

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)
TOTAL	(16)	TOTAL	(16)

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)
TOTAL	(12)	TOTAL	(13)

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)
TOTAL	(17)	TOTAL	(16)

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)
TOTAL	(14)	TOTAL	(14)

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)
TOTAL	(13)	TOTAL	(14)

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)		
TOTAL	(18)	TOTAL	(14)

Total Semester Hours 120

Professional Studies *Bachelor of Science Degree*

Director: Michael Giampaoli (interim)
Wahlstrom Library
Telephone: (203) 576-4168
Fax: (203) 576-4537
Email: gmichael@bridgeport.edu

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 three areas:
 - a) Organizational Leadership and Change
 - b) Healthcare Administration
 - c) Human Resource Administration

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.

Summary of Requirements

Professional Studies Program	24
General Education	42
Area of Concentration	21
Free Electives	33
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Total	120

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
IA	Liberal Arts Electives (9 credits)
CAPS 390	Capstone

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

GENERAL ELECTIVE COURSES (33 CREDITS)

TOTAL SEMESTER HOURS 120

Psychology Bachelor of Science Degree

Co-Chair: Tracey Ryan
 Charles A. Dana Hall
 Telephone: (203) 576-4175
 Fax: (203) 576-4200
 E-mail: tryan@bridgeport.edu

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 characteristics 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
		<hr/> 36
FREE ELECTIVES		42
		<hr/> 78
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
		<hr/> 42
Total Semester Hours		120

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
Total Semester Hours		120

Religion and Politics *Bachelor of Arts Degree*

Director: Robert Riggs
Carlson Hall, Room 209
Telephone: (203) 576-4212
Fax: (203) 576-4967
E-mail: healy@bridgeport.edu

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 concentrations 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 independent 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 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 Macroeconomics	3
IPED 202	Intro to Political Economy or ECON 202 Microeconomics	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

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C. THESIS

WREL 395	Senior Thesis	3-6*
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*The thesis may be taken for six hours.

Religion and Politics Bachelor of Arts Degree

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.

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
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 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
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GROUP II		
SOSC 395	Thesis or Senior Project	3
SOSC 300	Methods Seminar	3
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		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
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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
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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 Relations	3
or PSCI 209	Introduction to United Nations Studies	3
SOSC 207	World Regional Geography	3
PSCI 323	Classics in Political Theory	3
or PSCI 324	Recent Political Theory	3
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MINOR IN PSYCHOLOGY

Psyc 103	Introduction to Psychology	
	Plus 5 additional Psychology course	
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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
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CONCENTRATION IN HISTORY

Any 5 History Courses. HIST 207 American History 1 and HIST 208 American History 2 are strongly recommended.		
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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
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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.

Social Sciences *Bachelor of Arts Degree*

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**

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.