

Pre-Health Professions

James G. Barnett, Ph. D., Chairperson of Pre-professional Health Committee.

The pre-health professions refers to undergraduate preparation for study in allopathic medicine, chiropractic medicine, dental medicine, osteopathic medicine, optometry, podiatric medicine, and veterinary medicine. Students interested in these areas may choose any undergraduate major, but a solid foundation in biology and chemistry, and a fundamental knowledge of mathematics and physics are necessary.

Admission to professional schools is highly competitive and the Preprofessional Health Committee, composed of faculty from within and outside the natural sciences, works closely with individual students to determine where abilities and interests should be directed. During the freshmen and sophomore years the Committee aids students in course selection, guides them towards extracurricular experiences necessary to be competitive, and provides opportunities for students to learn about admissions, schools and careers. The application process begins in the second semester of the junior year when students ask the Committee to prepare letters of recommendation. The Committee subsequently reviews each applicant. Many factors are weighed, some of which are academic performance, commitment to service, knowledge of the health professions, interpersonal skills, and leadership. Additionally, professional school admission exams are taken near the end of the junior year. Students then complete and submit their professional school applications during the summer between the junior and senior years.

The following courses are required by most health profession schools and the schedule is typical for pre-health students.

First year	Credits
BL 150-153 General Biology	8
CH 101-104 General Chemistry	8

Sophomore year	Credits
MA 109 or 111 Calculus	4
CH 221-224 Organic Chemistry	8

Junior year	Credits
PH 111-114 General Physics	8

Additionally, it is strongly recommended that Cell Biology (BL 208, 209) be completed by the end of the junior year. If scheduling permits, Mammalian Physiology (BL 224) should be completed also. Students interested in optometry should note that one semester each of statistics and microbiology are requisites for admission to some optometry schools.

Early Acceptance Osteopathic Program

Student interested in attending the Lake Erie College of Osteopathic Medicine (LECOM) have the option of applying for early acceptance. Specifically, they spend four years at Saint Vincent College where they complete the requirements for a B.A. or B.S. degree in a major of their choice. They also must complete specified science courses (see below) and may take no fewer than 15 credits in any given semester. Application to LECOM and notification of provisional acceptance are made before the senior year. At the end of successful study at LECOM, students receive the Doctor of Osteopathic Medicine degree

Independent of major, the following courses are required:

First-Year	Credits
BL 150-153 General Biology with Lab	8
CH 101-104 General Chemistry with Lab	8
MA 108 Calculus I	4

Sophomore Year

BL 208, 209 Cell Biology with Lab	4
BL 224, 225 Mammalian Physiology with Lab	4
CH 221-224 Organic Chemistry with Lab	8

Junior Year

PH 111-114 General Physics with Lab	8
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Accelerated Osteopathic Medicine

Students interested in attending the Lake Erie College of Osteopathic Medicine have the option of completing their undergraduate and medical degrees in seven years instead of eight years. The required course of study while at Saint Vincent College follows. The curriculum is subject to revision. Students should consult with the Chairperson of the Preprofessional Health Committee for additional information.

First Semester (15 credits)

BL 150, 151 General Biology I with Laboratory	
CH 101, 103 General Chemistry I with Laboratory	
MA 111 Calculus I	
TH 119 Exploring Religious Meaning	
All students must take one 3 credit course designated as a First-Year Seminar.	

Second Semester (18 credits)

BL 152, 153 General Biology II with Laboratory	
CH 102, 104 General Chemistry II with Laboratory	
MA 112 Calculus II	
EL 102 Language & Rhetoric	
	Social Science

Third Semester (16 credits)

BL 208, 209 Cell Biology with Laboratory	
CH 221, 223 Organic Chemistry I with Laboratory	
MA 113 Calculus III	
PH 111, 113 General Physics I with Laboratory	

Fourth Semester (17 credits)

BL 224 Mammalian Physiology - no Laboratory	
CH 222, 224 Organic Chemistry II with Laboratory	
PH 112, 114 General Physics II with Laboratory	
PL 101 1st Philosophy	
	History

Fifth Semester (17 credits)

CH 231, 233 Physical Chemistry I with Laboratory	
CH 251, 253 Biochemistry I with Laboratory	
	Theology
	Foreign Language
	Fine Arts

Sixth Semester (18 credits)

CH 252, 254 Biochemistry II with Laboratory	
CH 300 Research Seminar I	
CH 304 Biological Chemistry Seminar	
	History
	Foreign Language
	Social Science
	English

Total Credit Hours at Saint Vincent College = 101

The culminating experience at Saint Vincent College is CH 304. At the end of the first year of successful study at the Lake Erie College of Osteopathic Medicine, the student receives the Bachelor of Science degree with a major in Biological Chemistry from Saint Vincent College. At the end of successful study at Lake Erie College of Osteopathic Medicine, the student receives the Doctor of Osteopathic Medicine degree.

Accelerated Podiatric Medicine

Students interested in attending the New York, Ohio or Pennsylvania Colleges of Podiatric Medicine have the option of completing their undergraduate and medical degrees in seven years instead of eight years. The required course of study while at Saint Vincent College follows. Students should consult the Chairperson of the Preprofessional Health Committee for additional information.

History	6 credits
English	6 credits
Philosophy	6 credits
Theology	6 credits
Social Sciences	6 credits
Intermediate Language	6 credits
General Chemistry	8 credits
Organic Chemistry	8 credits
Mathematics	8 credits
Physics	8 credits
General Biology	8 credits
Cell Biology	4 credits

Additionally, 12 credits must be selected from:

BL 214, 215	Molecular Genetics and Laboratory
BL 220, 221	Comparative Vertebrate Anatomy and Laboratory
BL 224, 225	Mammalian Physiology and Laboratory
BL 242, 243	Histology and Laboratory

All students must take one course designated as a First-Year Seminar.

Total credit hours at Saint Vincent College: 95 hours.

At the end of the second year of successful study at the College of Podiatric Medicine, the student receives the Bachelor of Arts degree with a major in Biology from Saint Vincent College. At the end of the fourth year of successful study at the College of Podiatric Medicine, the student receives the Doctor of Podiatric Medicine degree.

Cooperative Programs in the Health Professions With Duquesne University

Daryle H. Fish, Coordinator of the Duquesne Cooperative Programs

Through a cooperative agreement between Saint Vincent College and Duquesne University, students have the opportunity to complete two to three years of study at Saint Vincent College, and then transfer to Duquesne University to complete a degree in the following fields: Physician Assistant, Physical Therapy, Occupational Therapy, and Pharmacy. These unique programs allow students to begin their college education in the friendly educational community of Saint Vincent College which is known for its small class sizes and individualized attention. It is here that a student will gain a strong background in the sciences coupled with a liberal arts foundation that features the strong Catholic, Benedictine values of our institution. Many of our students hone their athletic and leadership skills by participating in collegiate athletics, intramural sports, student government, clubs, and services activities. At Duquesne University, a student will complete his/her formal education in the urban setting of Pittsburgh that is known for its world-class health care. Upon completing one of these courses of study, students are prepared to enter the dynamic healthcare industry with an education that is firmly grounded in Catholic ideals. These programs of study are both rigorous and rewarding, allowing students to enter the health professions with a world-class education.

Students who wish to transfer to Duquesne University must maintain cumulative grade point average above a 3.0 both overall and in their science courses. In addition, students may have no more than one grade below a B- in their science courses. Duquesne University currently requires that all students transfer-

ring into their PA and PT programs have a combined math and verbal SAT score of at least 1100. Students submit an application, personal statement, critical review essay, CV, high school transcript, and three letters of reference to the Coordinator of the Duquesne Cooperative Programs the fall semester before transferring to Duquesne. Some programs such as Physical Therapy, require documentation of a minimum of 100 hours of volunteer, paid, or shadowing experience in a physical therapy setting. The 100 hours of shadowing experience must take place in at least two different settings, with no more than 50 hours of service counting at any setting. The Pre-Professional Health Committee recommends candidates to Duquesne based on academic performance, moral character, and the materials presented to the program coordinator.

NOTE: Duquesne University reserves the right to make modifications to admission requirements while this **Bulletin** is still in publication. For the current admission requirements please contact Dr. Daryle Fish. Dr. Fish will inform current students of any changes, and work with them to modify their course of study.

In order to receive a recommendation from the committee, students should clearly demonstrate that they are able to be enrolled fulltime in coursework that includes multiple science and math courses, and maintain a grade point average above a 3.0. Students should enroll in a minimum of 14 credit hours each semester. While credits from other institutions may be transferred to Saint Vincent College, once a student is matriculated, taking additional courses off campus is discouraged. In most instances, a total of two (2) non-science courses may be taken off campus after matriculation. No science courses may be taken off campus, except for science courses that are transferred into Saint Vincent College at matriculation. Students who transfer in multiple courses at the time of matriculation may take additional courses off campus. Since it is important to demonstrate the ability to take multiple math and science courses while maintaining an appropriate GPA, taking science courses at Saint Vincent during summer school is discouraged.

The program coordinator and the Pre-Professional Health Committee periodically review the progress of the students enrolled in the programs and students will receive written feedback from the program coordinator. If a student experiences academic difficulty the committee may make a recommendation to alter the plan of study. If a student's GPA drops below 2.75, they may be dismissed from the program.

A number of students that initially enroll in these cooperative programs elect to stay at Saint Vincent and complete a Bachelor's Degree in a course of study such as Biology, Biochemistry, or Liberal Arts. After completion of their degree from Saint Vincent, the students are eligible to transfer to any of the regional universities and complete a course of study in a health-related field which includes Pharmacy, Physician Assistant, Physical Therapy, and Occupational Therapy.

Physician Assistant

The Physician Assistant cooperative program between Saint Vincent College and Duquesne University School of Health Sciences is a six-year master's degree program with two options.

Option 1: Upon successful completion of the fourth year, students who have not already earned a Bachelor's degree will be awarded a Bachelor of Liberal Arts in Liberal Arts from Saint Vincent College. Upon successful completion of the sixth year, students will be awarded a Master of Physician Assistant degree from Duquesne University.

Option 2: Upon successful completion of the fourth year, students who have not already earned a Bachelor's degree will be awarded a Bachelor of Science in Health Sciences from Duquesne University.

Upon successful completion of the sixth year, students will be awarded a Master of Physician Assistant degree from Duquesne University. Graduates are eligible to sit for the Physician Assistant National Certifying Examination. Duquesne University currently requires that all students transferring into their PA and PT programs have a combined math and verbal SAT score of at least 1100. The required course of study while at Saint Vincent College follows:

Option 1 Typical First-Year Schedule

Fall Semester

BL 150	General Biology I	3
BL 151	General Biology I Laboratory	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
EL 102	Language & Rhetoric	3
FL 203	Intermediate Language	3
	First-Year Seminar	1
Total Fall		18

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Lab	1
CH 102	General Chemistry II	3
CH 104	General Chemistry II Lab	1
EL 102	Language & Rhetoric	3
FL 204	Intermediate Language	3
HI—	History (100 level)	3
Total Spring		17

Option 1 Typical Sophomore Year Schedule

Fall Semester

BL 208	Cell Biology	
BL 209	Cell Biology Laboratory	1
CH 221	Organic Chemistry I	3
CH 223	Organic Chemistry I Laboratory	1
PY 100	Introduction to Psychology	3
TH—	Theology Elective	3
PL 101	First Philosophy	3
Total Fall		17

Spring Semester

BL 212	Microbiology	3
BL 213	Microbiology Laboratory	1
MA 109	Calculus I	4
PY—	Psychology Concentration	3
EL 202	Intermediate Writing	3
HI—	History (200 level)	3
Total Spring		17

Option 1 Typical Junior Year Schedule

Fall Semester

PL—	Philosophy	3
LA 200	Methods & Techniques	3
PY 203	Statistics	3
	Psychology Concentration	3
TH 280	Catholic Bioethics	3
PH 111	General Physics I	3
PH 113	General Physics I Laboratory	1
Total Fall		19

Spring Semester

AN 222	Cultural Anthropology	3
LA 250	Junior Seminar	3
PY—	Psychology Concentration	3
FA—	Fine Arts	3
EL—	Literature Course	3
BL 224	Mammalian Physiology	3
Total Spring		18

Summer After Junior Year

LA 310	Project Research	3
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Senior Year (First Year at Duquesne)

24 additional credits to satisfy requirements for the BA in Liberal Arts
 Four credits at Duquesne to satisfy requirements for Biology minor
 Three credits at Duquesne to satisfy requirements for Psychology Concentration.

Option 2 Typical First-Year Schedule

Fall Semester

BL 150	General Biology I	3
BL 151	General Biology I Laboratory	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
SO 101	Introduction to Sociology	3
	First-Year Seminar	1
Total		15

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Lab	1
CH 102	General Chemistry II	3
CH 104	General Chemistry II Lab	1
EL 102	Language & Rhetoric	3
EL—	Literature Elective	3
MA 104 or 109	Calculus I preferred	3 or 4
Total		17 or 18

Typical Sophomore Year Schedule

Fall Semester

PL 101	1st Philosophy	3
PH 111	General Physics I	3
PH 113	General Physics I Laboratory	1
BA 350 or		
PY 203	Statistics I	3
PY 100	Introduction To Psychology	3
	Global Diversity ¹	3
CH 221	Organic Chemistry I	3
Total		19

Spring Semester

BL 221	Microbiology	3
BL 213	Microbiology Laboratory	1
	Ethics ²	3
	Faith & Reasoning ³	3
	Fine Arts Elective	3
CS 101	Survey of Computers	3
Total		16

All students transferring to Duquesne University must complete courses in the following core areas. Below is a list of core areas and the courses that fulfill the requirement:

¹ Global Diversity includes one of the following: TH 380 World Religions, HI 108 Traditional East Asian Societies, HI 109 Modern East Asian Societies, HI 233 History of Latin America, HI 270 The Rise of Chinese Civilization, HI 280 Islamic Civilization I 3, HI 123 Global History I, or HI 102 Western Civilization I

² Ethics includes either PL 218 Bioethics, or TH 280 Catholic Bioethics

³ Faith & Reasoning includes one of the following: PL 235 Philosophy of God, PL 240 Influence of Philosophy on Theology, or PL 100 Ancient and Medieval Philosophy

Social Justice: SO 101 Introduction to Sociology
 Philosophy: PL 101 1st Philosophy
 Theology: TH 119 Exploring Religious Meaning
 Creative Arts: Fine Arts Elective
 Information Literacy: CS 101 Survey of Computers and Computing

The remaining three years are to be completed at Duquesne University.

Physical Therapy

The Physical Therapy cooperative program between Saint Vincent College and Duquesne University School of Health Sciences is a six-year doctoral program. Upon successful completion of the fourth year, students who have not already earned a Bachelor's degree will be awarded a Bachelor of Science in Biology or Bachelor of Arts in Liberal Arts from Saint Vincent College. Upon successful completion of the sixth year, students will be awarded a Doctor of Physical Therapy degree from Duquesne University. Graduates will be eligible to sit for state licensure examinations. Duquesne University currently requires that all students transferring into their PA and PT programs have a combined math and verbal SAT score of at least 1100.

The required course of study while at Saint Vincent College follows:

Biology Major for Physical Therapy

Typical First-Year Schedule

Fall Semester

BL 150	General Biology I	3
BL 151	General Biology I Laboratory	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
	Intermediate Foreign Language	3
Total Fall		15

All students will take one course designated as a First-Year Seminar which will satisfy a Core Curriculum requirement.

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Laboratory	1
CH 102	General Chemistry II	3
CH 104	General Chemistry II Laboratory	1
EL 102	Language and Rhetoric	3
	Intermediate Foreign Language	3
PY 100	Introduction to Psychology	3
Total Spring		17

Typical Sophomore Year Schedule

Fall Semester

BL 208	Cell Biology	
BL 209	Cell Biology Laboratory	1
CH 221	Organic Chemistry I	3
CH 223	Organic Chemistry I Laboratory	1
PL 101	First Philosophy	3
HI—	100 Level History Elective	3
MA 109	Calculus I	4
Total Fall		18

Spring Semester

BL 212	Microbiology	3
BL 213	Microbiology Laboratory	1
CH 222	Organic Chemistry II	3
CH 223	Organic Chemistry II Laboratory	1
TH 280	Catholic Bioethics	3
MA 110	Calculus II	4
HI—	200 Level History Elective	3
Total Spring		18

Typical Junior Year Schedule

Fall Semester

BL 220	Comparative Anatomy	3
BL 221	Comparative Anatomy Laboratory	1
or		
BL 232	Ecology	3
BL 233	Ecology Laboratory	1
PH 111	General Physics I	3
PH 113	General Physics I Laboratory	1
PY 203	Statistics I	3
EL—	Literature Elective	3
Total Fall		17

Spring Semester

BL 235	Evolution Laboratory	1
or		
BL 236	Biology of Environmental Disturbances	3
BL 237	Biology of Environmental Disturbances Laboratory	1
or		
BL 224	Mammalian Physiology	3
BL 225	Mammalian Physiology Laboratory	1
PH 112	General Physics II	3
PH 114	General Physics II Laboratory	1
BL 301	Junior Research Seminar	2
AR—	Fine Arts	3
PL—	Philosophy Elective	3
Total Spring		6

Summer Semester

BL 302	Research Project	2
BL 303	Research Thesis	1

The remaining three years are to be completed at Duquesne University.

Liberal Arts Major for Physical Therapy

Minor in Biology

Concentration in Psychology

Typical First-Year Schedule

Fall Semester

	First Year Seminar	1
BL 150	General Biology I	3
BL 151	General Biology Laboratory I	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
or		
EL 102	Language and Rhetoric	3
	Intermediate Foreign Language	3
Total Fall		15

All students will take one course designated as a First-Year Seminar which will satisfy a Core Curriculum requirement.

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Laboratory	1
CH 102	General Chemistry II	3
CH 104	General Chemistry II Laboratory	1
TH 119	Exploring Religious Meaning	3
or		
EL 102	Language and Rhetoric	3
	Intermediate Foreign Language	3
PY 100	Introduction to Psychology	3
Total Spring		17

Typical Sophomore Year Schedule

Fall Semester

BL 208	Cell Biology	3
BL 209	Cell Biology Laboratory	1
PY—	Psychology Elective	3
PL 101	1st Philosophy	3
PY 203	Statistics	3
MA 109	Calculus I	4
Total Fall		17

Spring Semester

BL—	Biology Elective	3
BL—	Biology Elective	1
MA 110	Calculus II	4
PY—	Psychology Elective	3
EL—	Literature Elective	3
HI—	100 Level History	3
Total Spring		17

Typical Junior Year Schedule

Fall Semester

PL—	Philosophy	3
PH 111	General Physics I	3
PH 113	General Physics Lab I	1
LA 200	Methods and Techniques of Research	3
HI 200	Level History	3
PY—	Psychology	3
Total Fall		16

Spring Semester

AN 222	Cultural Anthropology	3
PH 112	General Physics II	3
PH 114	General Physics II	1
LA 250	Junior Seminar	3
	Fine Arts	3
TH 280	Catholic Bioethics	3
Total Spring		16

Summer After Junior Year

LA 310	Project Research	3
Total Credits at Saint Vincent		101

Senior Year (First Year at Duquesne)

24 additional credits to satisfy requirements for the BA in Liberal Arts Four (4) credits at Duquesne to satisfy requirements for Biology minor Three (3) credits at Duquesne (435) Psychology of Illness and Disability to satisfy requirements for Psychology Concentration.

Occupational Therapy

The Occupational Therapy cooperative program between Saint Vincent College and Duquesne University School of Health Sciences is a five-year master's degree program. Upon successful completion of the fourth year, students who have not already earned a bachelor's degree will be awarded a Bachelor of Science in Health Sciences from Duquesne University. Upon suc-

cessful completion of the fifth year, students will be awarded a Master of Occupational Therapy degree from Duquesne University. Graduates will be eligible to sit for the National certification examination administered by the National Board for Certification in Occupational Therapy and apply for state licensure, if required.

Typical First-Year Schedule

Fall Semester

BL 150	General Biology I	3
BL 151	General Biology I Laboratory	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
EL—	Literature Elective	3
PY 100	Introduction To Psychology	3
	First-Year Seminar	1
Total		15

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Lab	1
PL 101	1st Philosophy	3
EL 102	Language & Rhetoric	3
SO 101	Introduction to Sociology	3
MA 104 or		
MA 109	Calculus I preferred	3 or 4
Total		16 or 17

Typical Second-Year Schedule

Fall Semester

BL 220	Comparative Vertebrate Anatomy	3
BL 221	Comparative Vertebrate Anatomy Laboratory	1
PH 111	General Physics I	3
PH 113	General Physics I Laboratory	1
BA 350 or		
PY 203	Statistics I	3
CS 101	Survey of Computers	3
SO 105	Chemical Dependency	3
Total		17

Spring Semester

BL 224	Mammalian Physiology	3
BL 225	Mammalian Physiology Laboratory	1
	Ethics ²	3
	Faith & Reasoning ³	3
	Fine Arts Elective	3
	Global Diversity ¹	3
Total	16	
Total credit hours at Saint Vincent College		67

All students transferring to Duquesne University must complete courses in the following core areas. Below is a list of core areas and the courses that fulfill the requirement.

¹ Global Diversity includes one of the following: TH 380 World Religions, TH 385 Buddhism, HI 108 Traditional East Asian Societies I, HI 109 Modern East Asian Societies, HI 233 History of Latin America, HI 270 The Rise of Chinese Civilization, HI 280 Islamic Civilization I 3, HI 123 Global History I, or HI 102 Western Civilization I

² Ethics includes either PL 218 Bioethics, or TH 280 Catholic Bioethics

³ Faith & Reasoning includes one of the following: PL 235 Philosophy of God, PL 240 Influence of Philosophy on Theology, PL 100 Ancient and Medieval Philosophy, TH 255 Religion and Politics, TH 300 Systematics I, TH 325 Vatican II History and Theology, TH 344 Classics in Catholic Theology, TH 348 Film, Fiction and Faith, TH 366 Religious Beliefs of Abraham Lincoln

Social Justice: SO 101 Introduction to Sociology, TH 250 Introduction to Moral Theology, TH 265 God, Work, and Money
 Philosophy: PL 101 1st Philosophy
 Theology: TH 119 Exploring Religious Meaning
 Creative Arts: Fine Arts Elective
 Information Literacy: CS 101 Survey of Computers

Pharmacy

The cooperative program between Saint Vincent College and Duquesne University School of Pharmacy is a six-year doctorate program leading to the Doctor of Pharmacy (Pharm.D.) degree. To practice pharmacy, students must pass a state licensure examination. Duquesne University requires that all students who wish to transfer into their program complete the PCAT exam, and interview as part of the application process. The required course of study while at Saint Vincent College follows:

Typical First-Year Schedule

Fall Semester

BL 150	General Biology I	3
BL 151	General Biology I Laboratory	1
CH 101	General Chemistry I	3
CH 103	General Chemistry I Laboratory	1
TH 119	Exploring Religious Meaning	3
EL—	Literature Elective	3
PL 101	1st Philosophy	3
	First-Year Seminar	1
Total		18

Spring Semester

BL 152	General Biology II	3
BL 153	General Biology II Lab	1
CH 102	General Chemistry II	3
CH 104	General Chemistry II Lab	1
EL 102	Language & Rhetoric	3
PY 100	Introduction To Psychology	3
MA 109 or		
MA 111	Calculus I	4
Total		18

Typical Second-Year Schedule

Fall Semester

CH 221	Organic Chemistry I	3
CH 223	Organic Chemistry I Laboratory	1
PH 111	General Physics I	3
PH 113	General Physics I Laboratory	1
BA 350 or		
PY 203	Statistics I	3
EC 101	Microeconomics	3
	Global Diversity ¹	3
Total		17

Spring Semester

CH 221	Organic Chemistry II	3
CH 223	Organic Chemistry II Laboratory	1
	Ethics ²	3
	Faith & Reasoning ³	3
AR/MU	Fine Arts	3
	Computer course	3
PH 112	General Physics II	4
PH 114	General Physics Laboratory	1
Total		20

¹ Global Diversity includes one of the following: TH 380 World Religions, TH 385 Buddhism, HI 108 Traditional East Asian Societies, HI 109 Modern East Asian Societies, HI 233 History of Latin America, HI 270 The Rise of Chinese Civilization, HI 280 Islamic Civilization I 3, HI 123 Global History I, HI 102 Western Civilization I, or SO 101 Introduction to Sociology

² Ethics includes one of the following: PL 215 Ethics, PI 216 Ethical Problems, TH 275 Catholic Sexual Ethics, PL 218 Bioethics, or TH 280 Catholic Bioethics

³ Faith & Reasoning includes one of the following: PL 235 Philosophy of God, PL 240 Influence of Philosophy on Theology, PL 100 Ancient and Medieval Philosophy, TH 255 Religion and Politics, TH 300 Systematics I, TH 325 Vatican II History and Theology, TH 344 Classics in Catholic Theology, TH 348 Film, Fiction and Faith, TH 366 Religious Beliefs of Abraham Lincoln

Philosophy: PL 101 1st Philosophy
 Theology: TH 119 Exploring Religious Meaning
 Creative Arts: Fine Arts Elective

In addition to the above requirements, all students that apply to Duquesne's Pharmacy school after the fall of 2007 will be required to submit scores for the Pharmacy College Admission Test (PCAT). An interview will also be required for Admission.

550 Cooperative Education

Work experience program extending the learning experience beyond the college into the world of work, through internships, fieldwork and cooperative programs. Students are employed in an area related to their academic endeavor. Academic credits are P/F and are awarded according to the extent of the work experience. Students may or may not be paid depending upon the site. The purpose of the program is to integrate the academic studies and employment activities. Variable credit. May be repeated.