



ST. FRANCIS COLLEGE
THE SMALL COLLEGE OF BIG DREAMS

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2008 Catalogue Supplement

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COM 4300 Basic Film and Video Production.....	40
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Academic Policy

Update to Core Curriculum

The core curriculum is the academic cornerstone of St. Francis College and affirms its mission to graduate educated, well-rounded students to enter and participate in a changing and culturally diverse world.

As an integrated program of studies, it focuses on developing the skills expected of a liberally educated person. It provides students with a broadly based foundation outside their areas of specialization, an understanding of how various disciplines intersect and differ, and assistance in cultivating a disposition for lifelong learning.

Goals

- Students will write, speak, and listen more effectively.
- Students will understand structures and possibilities of the human experience through the study of the social sciences, fine arts, and humanities.
- Students will understand and apply the fundamental processes, methods, and reasoning of mathematics and science.
- Students will collect and interpret information using appropriate research technology.
- Students will become more engaged with the Franciscan traditions of service, social justice, stewardship for the environment and personal responsibility.

Core Courses	Associate's Degrees	Bachelor of Science in Professional Studies	All Other Baccalaureate Degrees
COM 1000 Fundamentals of Speech	3	3	3
WRI 1100 Writing in the Public Sphere ¹	3	3	3
Any AML, BRL, or LIT course 2100–2999	3	—	3
Fine Arts, select ONE of the following courses FA 1401 Music of the Western World FA 1402 Orientation in Art FA 1403 Music of Many Cultures	3	3	—
Music, select ONE of the following courses FA 1401 Music of the Western World FA 1403 Music of Many Cultures	—	—	3
Art, select ONE of the following courses FA 1402 Orientation in Art FA 1420 American Art			3
HIS 1201 History of the United States: 1896 to Present	3	3	3
Liberal Arts elective ²	—	—	3
Natural Science or Mathematics ³	6	3	6
Philosophy Group A, select ONE of the following courses PHI 1101 Basic Problems in Philosophy PHI 1114 Reasoning and Argumentation	3	3	3
Philosophy Group B, select ONE of the following courses PHI 2201 Theories of Human Nature PHI 2203 Theories of Knowledge	3	—	3
Philosophy elective 3000 or higher	—	—	3
REL elective (any 1000- or 2000-level)	—	—	3
SOC 1000 Principles of Sociology	3	3	3
Total	30	21	42

¹ Students who achieve a superior score on the placement test or who meet other criteria established by the English department may be exempt from the WRI 1100 requirement and substitute another English course.

² Liberal arts must be selected from AMJ, AML, BIO, BRL, CHE, COM, DRA, ECO, ENG, FA, FRE, HIS, HS, ICS, ITA, LAT, LIT, MAT, PHI, PHY, PS, PSY, REL, SCI, SOC, SPA, SS, or WRI listings. The following courses will not count as liberal arts electives: ECO 3331, ECO 3332, ECO 3333, ECO 4433, SOC 1020, SOC 2060

³ Natural Science courses must be selected from BIO, CHE, PHY, or SCI listings.

2008 – 2009 Tuition and Fees Schedule

Effective Fall 2008 through Summer 2009

Undergraduate

Tuition

Full-time (Fall and Spring semesters) (12-18 credits).....	\$ 7,600
Full-time per credit in excess of 18 credits.....	495
Part-time per credit (1-11 credits).....	495
Non-credit courses per credit equivalent.....	495

Note: All tuition and fees for the combined B.S. /M.S. Accounting program are the same as undergraduate programs.

Mandatory Fees (each semester)

Full-time Students (enrolled in 12 or more equivalent credits)

Service Fee.....	\$ 80
Student Activities Fee (Fall and Spring semesters).....	30
Technology Fee (Fall and Spring semesters).....	150

Part-time Students (enrolled in less than 12 equivalent credits)

Service Fee.....	\$40
Technology Fee (Fall and Spring semesters).....	100

Miscellaneous Fees

Application Fee.....	\$ 35
Deferred Payment Fee.....	100
Experiential Learning (per petitioned credit).....	165
Late Payment Fee (Fall and Spring semesters).....	250
Late Payment Fee (Summer semesters).....	75
Readmissions Fee.....	35
Returned Check Surcharge.....	25
Tuition Deposit (non-refundable, applied toward first semester charges).....	200

Special Course Fees

ACC 2201.....	\$50
BIO 130, 104, 107, 108, 140, 141, 150, 201, 202, 203, 204, 206, 250, 300, 301, 302, 303, 310, 320, 405, 420.....	80
CHE 1101, 1102, 1201, 1202, 2001, 2050, 2101, 2102, 3001, 3002, 4001, 4002, 4050.....	80
COM 3300.....	165
COM 4300, 4320, 4340.....	100
FA 404, 405.....	50
IT 101, 103, 104, 105, 201, 203, 205, 210, 220, 250, 270, 301, 309, 310, 311, 313, 320, 340, 404, 410, 425, 440, 480, 500.....	50
NUR 321, 323, 421.....	70
PHY 2001, 2002.....	80
PSC 3450.....	50
PSY 101, 300.....	50
SCI 1001, 1002.....	80

Revised Academic Calendar

Fall 2008 (08/FA)

Labor Day- *Library and administrative offices closed* Fri., Aug. 29 - Mon., Sept. 1
 08/FA Classes begin Wed., Sept. 3
 Last day to add Tues., Sept. 9
 Mark of *W* begins for course withdrawals..... Wed., Sept. 10
 Last day to file Pass-Fail Option..... Tues., Sept. 30
 Columbus Day – No classes
Library and administrative offices closed..... Mon., Oct. 13
 Midterm Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Fri., Oct. 17
 Election Day- No Classes
 Library & administrative offices are open Tues., Nov. 4
 Advising for 09/IS and 09/SP Mon., Nov. 3 – Fri., Nov. 14
 Degree application for February, May, and August 2009 due..... Fri., Oct. 24
 Last day to drop with grade of “W”..... Thurs., Nov. 6
 Web Registration appointments for 09/IS and 09/SP..... Mon., Nov. 17 – Tues., Nov. 25
 Thanksgiving Recess – No classes
Library and administrative offices closed..... Wed. Nov., 26 – Sun., Nov. 30
 Classes end..... Tues., Dec. 9
 Study day – No classes Wed., Dec. 10
 Final examinations Thurs., Dec. 11 – Wed., Dec. 17
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Mon., Dec. 22
 Tuition due for 09/IS and 09/SP..... Mon., Dec. 22
 Christmas Holiday - *Library and administrative offices closed*
 Wed., Dec. 24- Thurs., Dec. 25
 Winter Break – *Library and administrative offices closed*
 Fri., Dec. 26- Wed., Dec. 31

Winter Intersession 2009 (09/IS)

Tuition due for 09/IS and 09/SP..... Mon., Dec. 22
 New Year’s Holiday – No classes;
Library and administrative offices closed..... Thurs, Jan 1 – Fri., Jan.2,
 09/IS begins Mon., Jan. 5
 Last day to add 09/IS..... Tues., Jan. 6
 Mark of *W* begins for course withdrawals..... Wed., Jan.7
 Last day to file Pass-Fail Option..... Thurs., Jan. 8
 Last day to drop with grade of *W*..... Fri., Jan. 9
 Classes end..... Fri., Jan. 16
 Dr. Martin Luther King, Jr. Day – No classes,
Library and Administrative Offices closed..... Mon., Jan. 19
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m Tues., Jan. 20

Spring 2009 (09/SP) Classes begin Tues., Jan. 20
 Commencement for 09/FA and 09/IS graduates..... TBA
 Last day to add Mon., Jan. 26
 Mark of *W* begins for course withdrawals..... Tues., Jan. 27
 Last day to file Pass-Fail Option..... Fri., Feb. 13
 Presidents’ Day – no classes
Library and administrative offices closed.. Mon., Feb. 16- Tues., Feb. 17
 Midterm Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Fri., Mar. 6
 Spring Recess – no classes Tues., Mar. 10 – Fri., Mar. 13
 Advising for 09/MI, 09/SU and 09/FA
 Mon., Mar. 23 – Fri., Apr.10
 Last day to drop with grade of *W*..... Mon., Apr. 6
 Easter Recess – No classes,

Library and administrative offices closed
 Thurs. Apr. 9 – Mon., Apr. 13
 Web Registration appointments for
 09/MI, 09/SU and 09/FA Tues., Apr. 14 – Fri., Apr. 24
 Classes end..... Mon., May 4
 Study day – no classes Tues., May 5
 Final examinations..... Wed., May 6 – Tue., May 12
 Tuition due for 09/MI & 09/S1..... Mon., May 11
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Fri., May 15
 Commencement..... TBA

May Intersession 2009 (09/MI)

Tuition due for 09/MI & 09/S1 Mon., May 11
 09/MI begins..... Mon., May 18
 Last day to add 09/MI Tues., May 19
 Mark of *W* begins for course withdrawals..... Wed., May 20
 Last day to file Pass-Fail Option..... Thurs., May 21
 Last day to drop with grade of “W” Fri., May 22
 Memorial Day – no classes
Library and administrative offices closed..... Mon., May 25
 Classes end..... Fri., May 29
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Tues., Jun 2

Summer I 2009 (09/S1)

Tuition due for 09/S1 Mon., May 11
 09/S1 begins..... Mon., June 1
 Last day to add 09/S1 Tues., June 2
 Mark of *W* begins for course withdrawals..... Wed., June 3
 Last day to file Pass-Fail Option..... Thurs., June 11
 Last day to drop with grade of “W” Thurs., June 18
 Tuition due for 09/S2 Mon., June 22
 Classes end..... Thurs., June 25
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Mon., June 29

Summer II 2009 (09/S2)

Tuition due for 09/S2 Mon., June 22
 09/S2 begins..... Wed., July 1
 Last day to add 09/S2 Thurs., July 2
 Independence Day Holiday – No classes;
Library and administrative offices closed..... Fri., July 3
 Mark of *W* begins for course withdrawals..... Mon., July 6
 Last day to file Pass-Fail Option..... Thu., July 9
 Tuition due for 09/S3 Mon., July 13
 Last day to drop with grade of “W” Thurs., July 16
 Classes end..... Tues., July 28
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Fri., July 31

Summer III 2009 (09/S3) New Session

Tuition due for 09/S3 Mon., July 13
 09/S3 begins..... Mon., Aug. 3
 Last day to add 09/S3 Tues., Aug. 4
 Mark of *W* begins for course withdrawals..... Wed., Aug. 5
 Last day to file Pass-Fail Option..... Thurs., Aug. 6
 Tuition due for 09/FA Mon., Aug. 10
 Last day to drop with grade of “W” Thurs., Aug. 13
 Classes end..... Thurs., Aug. 27
 Final Grades due to Registrar’s Office
 via WebAdvisor by 5 p.m. Tues., Sept. 1

Location of Offices and Facilities

<u>Department</u>	<u>Room</u>	<u>Phone</u>
Academic Affairs (Academic Dean).....	8312.....	5308
Academic Enhancement Services.....	3002.....	5226
Accounting and Business Law (Academic).....	5003.....	5283
Accounts Payable.....	7316B.....	5250
Admissions.....	3000.....	5200
Alumni Relations.....	4000.....	5362
Athletics.....	4102.....	5490
Biology.....	5220.....	5439
Biology Labs.....	5201, 5210, 5213.....	5288
Bookstore.....	C307.....	(718)855-2034
Cafeteria.....	Acquista's Food.....	5204
Callahan Conference Center.....	First Floor	
Campus Ministry.....	1304, 1310, 1312.....	5493
Career Development.....	2311.....	5360
Chapel.....	First Floor	
Chemistry.....	7202.....	5295
Chemistry Labs.....	6201, 6213, 7210.....	5392
College Relations.....	7304.....	5370
Communication Arts.....	7316A.....	5438
Communications (Administrative).....	7308.....	5466
Communications Lab.....	4201	
Communications Television Studio.....	7402.....	5327
Computer Labs.....	4205, 4212, 4213	
Counseling Center.....	6220.....	5335
Criminal Justice.....	3201.....	5435
Development.....	8301.....	5443
Economics.....	5320.....	5266
Education.....	5311.....	5282
English.....	7003.....	5217
Executive Vice President.....	8301.....	5301
Facilities Management.....	5012.....	5203
Fine Arts.....	6004.....	5325
Fitness Center.....	C205, C207, C209.....	5448
Foreign Languages.....	6004.....	5325
Foreign Student Advisor.....	2305.....	5215
Founders Hall.....	First Floor	
Freshman Studies.....	3006.....	5312
Graduate and Professional Studies.....	3212.....	5460
Greenhouse.....	8206	
Gymnasium.....	First Floor and Genovesi Center	
Health Promotion.....	5220.....	5439
Health Services.....	2310.....	5366
History.....	5320.....	5266
Honors Program.....	6005.....	5217
Human Resources.....	6310.....	5253
Information Systems (Administrative).....	3202.....	5444
Information Technology (Academic).....	5001.....	5347
Institutional Planning and Research.....	4310.....	5479
Instructional Computing.....	4209.....	5444

Department	Room	Phone
International Cultural Studies.....	6004.....	5325
Library Reference.....	2400.....	5307
Library Stacks.....	2400.....	5205
Management (Academic).....	5001.....	5347
Mathematics.....	3212.....	5396
Montage.....	2302.....	5492
Nursing (Academic).....	4311.....	5267
Payroll.....	7316B.....	5250
Peter Aquilone Court.....	First Floor	
Philosophy.....	6009.....	5229
Political Science.....	5320.....	5266
Pool.....	Sub-Cellar.....	5252
President.....	8302.....	5254
Psychology.....	7204.....	5286
Purchasing.....	7312.....	5474
Registrar.....	2000.....	5242
Religious Studies.....	6009.....	5229
Social Studies.....	3201.....	5435
Sociology.....	3201.....	5435
Special Events.....	5020.....	5372
Student Activities.....	2305.....	5215
Student Affairs (Dean of Students).....	3307.....	5213
Student Financial Services.....	2001.....	5255
Student Government Association.....	2304.....	5334
Student Government President.....	2306.....	5334
Study Abroad.....	5008.....	5201
Thomas J. & Anita Volpe Lounge.....	Second Floor	
Voice.....	2302.....	5212
Women's Studies Center.....	5202.....	5455
Yearbook.....	2302.....	5257

Updates to Departmental Chairs

2008-2009 Academic Year

Division of Humanities

Communication Arts

English

Foreign Languages, Fine Arts & ICS

Philosophy/ Religious Studies

Dr. Lynne Jackson (room 7316A)

Bro. Edward Wesley, OSF (room 7003)

Dr. Francis J. Greene (room 6004)

Dr. Sophie Berman (room 6009)

Division of Management Sciences

Accounting/Business Law

Business and Technology

Dr. Geoffrey Horlick (room 5003)

Dr. John Dilyard (room 5001)

Division of Sciences and Allied Health

Biology and Health Promotion

Chemistry

Nursing

Mathematics

Dr. Kathleen Nolan (room 5220)

Dr. Evelyn Wolfe (room 7202)

Dr. Susan Saladino (room 4311)

Dr. Fotios Paliogiannis (room 3212)

Division of Social Sciences

Economics, History & Political Science

Education

Psychology

Sociology & Criminal Justice & Social Studies

Dr. Paddy Quick (room 5320)

Dr. Robert Muccigrosso (room 5311)

Dr. Steven Anolik (room 7204)

Dr. Michael Kaune (3201)

Updates to Departments

Biology and Health Promotion

Office: Room 4318
Phone: (718) 489-5439

Chairperson

Dr. Kathleen Nolan

Mission of the Biology Major

Biology is the study of living organisms at the molecular, microscopic, and systemic levels and deals with the interrelation of life forms and their environments. The emphasis of the department is to teach students classical biology and introduce students to molecular and cellular biology that are current and future areas of study in biology and medicine, giving students a foundation for understanding biotechnology of the 21st century. Students will be prepared for graduate study, professional training in the medical sciences and allied health fields, teaching, or employment in industry concerned with the biological sciences.

There is more to an undergraduate education than the traditional classroom experience. Biology majors are encouraged to consider the diverse opportunities available through field placements, internships, or semesters at other academic institutions, both domestic and abroad. Taking full advantage of these opportunities requires careful planning, and students are urged to discuss their plans and interests with their academic advisors early. It is also our goal to acquaint non-science students with the issues presented by both human biology and the physical environment.

The Biology and Health Promotion department offers majors in Biology, Biomedical Science (dentistry and podiatric), Medical Technology, and Radiologic Sciences; Radiologic Sciences and Medical Technology are offered jointly with the St. Vincent's Catholic Medical Centers of New York (St. Francis College awards the B.S. degree). All programs are supervised by the SFC Biology and Health Promotion department.

Goals and Objectives

- Prepare Biology majors for the competitive world of doctoral-level sciences.
- Prepare future teachers and nurses with a solid background in modern biology.
- Give physical education majors a firm foundation in anatomy and physiology.

Program Requirements

Major in Biology

The Biology curriculum is a four-year program introducing students to the major in the biological sciences as well as offering practical, hands-on experience in the laboratory. It is taught as pure science for the intellectual good of the student and the inherent importance of the matter. Students are trained in reflective thinking and sound judgment. The scientific method builds a foundation for graduate school and professional study, e.g., medical, dental, veterinary health fields, industrial research, and secondary school teaching. The program fosters and approaches significant contributions of biological scientists to humanity.

During the first year, student take chemistry and general biology courses emphasizing energetics, cellular biology, molecular biology,

and genetics. The second semester emphasizes an evolutionary, ecological, and organismal approach to biology. During the first year, the student is encouraged to take IT 101 to gain the basic computer and analytical skills that are needed to analyze and present data. In addition, all students are required to take the math placement exam. Those students who do not test into calculus should see the department for guidance.

In second year, students study organic chemistry, basic cell biology, genetics, and other 200- or 300-level courses. Third-year students take physics, biochemistry, and cell and molecular biology. During the last year, students are encouraged to take electives in areas of interest. Students are also encouraged to undertake research early on in their education. All students are required to take a comprehensive exam in their senior year, the MFAT exam, administered twice a year. The student may substitute the GRE for the comprehensive exam.

The courses required for the major are BIO 103-104 General Biology; BIO 250 Introduction to Cell Biology, recommended in the semester following the completion of BIO 104; BIO 303 Genetics; BIO 503 Biology Seminar (must be taken senior year); and CHE 3001 Biochemistry, which must be taken junior year. Students interested in going on to medical school are encouraged to take MAT 203 Calculus II. Students interested in bioinformatics must take IT 104 Computer Programming. Students must choose at least one course listed under each of the three areas of concentration for their advanced biology classes.

Mission of the Health Promotion and Science Major

The Health Promotion and Science major provides a fundamental and thorough education in the liberal arts tradition while concurrently providing pre-professional preparation. Mastery of the liberal arts core as well as communication skills built sequentially into the major curriculum support the graduate as he or she enters and adapts to changes in the professional domain and contributes to his or her success as a mature and responsible citizen beyond graduation. The program is designed to prepare students for careers immediately after graduation and/or graduate school and professional training.

Goals and Objectives

- Demonstrate knowledge, skills, and behavior appropriate to entry-level positions in health and fitness organizations.
- Investigate, analyze, and write a well-documented research paper based on a complex health problem.
- Formulate a comprehensive oral presentation.
- Develop, achieve, and sustain a lifelong commitment to personal and professional growth.

Policy on Transfer Credits

The Health Promotion major affirms its commitment to welcoming transfer students but also to retaining high standards of performance for our graduates. To that end we apply the following criteria to transfers from other colleges.

1. Accept up to 9 credits of health requirements or electives, but only for courses we already offer. Examples of required courses include Community Health (HS 1201) and Epidemiology (HS 2406). Examples of health electives include Nutrition, Safety & First Aid, Coping with Stress.
2. Do NOT accept general health or clinical courses for health electives. These credits can be applied to the copious free electives in the major.
3. Do NOT accept transfer credits for the basic major sequences of requirements (HS 2150, 2151, 3250, 3251, HS 4995, 4350 and 4998. These must be taken within the department to ensure consistency in both content and format (APA).

Policy on D Grades within the Major

The Chairperson reserves the right to waive one D in a required major course, provided both of the following are true:

- The D is not in HS 4998 Seminar in Health Promotion.
- The student otherwise has a 3.0 index in major courses (both required and elective courses).

It is the student's responsibility to request the waiver in sufficient time to complete any work needed for graduation should the waiver be denied. This policy is reviewed with the student upon declaration of the major as well as at each advisement session for those who have earned any D grades. Please see the Chairperson for any questions or clarification.

Major in Health Promotion

The Health Promotion and Science major offers students the opportunity to study an exciting and growing segment of the health and fitness industry, preparing them for employment in corporations, health facilities, and community settings. Students investigate disease prevention and health promotion in a variety of settings, learn concepts and principles underlying educational strategies, and apply these theories to planning, designing, implementing, and evaluating a program of their own (such as smoking cessation, heart-healthy eating, or fitness). Field placement and a capstone seminar are integral to this program. The flexible elective pool allows each student to customize his or her degree with concentrations based on career interests. At the completion of this major, the student may be prepared to sit for the C.H.E.S. (Certified Health Education Specialist) examination.

Program Requirements

Major in Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	43-44		
➔Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I.....	4	MAT 107 or placement exam	
➔Select ONE of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 203 Calculus II.....	4	MAT 202	
MAT 301 Statistics.....	3	MAT 104 or higher or placement exam	
BIO 103 General Biology I.....	5		CHE 1201
BIO 104 General Biology II.....	5	BIO 103.....	CHE 1202
BIO 250 Introduction to Cell Biology.....	4	BIO 104.....	CHE 2101
BIO 303 Genetics.....	4	BIO 104	
BIO 503 Biology Seminar.....	1	{ Biology major Senior standing	
Select ONE course from Group A below.....	4		
Select ONE course from Group B below.....	4		
Select ONE course from Group C on the next page.....	3-4		
Any BIO course.....	4		
CHE 1201 General Chemistry I.....	4		{ MAT 107 or exam
CHE 1202 General Chemistry II.....	4	CHE 1201	
CHE 2101 Organic Chemistry I.....	5	CHE 1202	
CHE 2102 Organic Chemistry II.....	5	CHE 2101	
CHE 3001 Biochemistry.....	4	CHE 2102	
PHY 2001 General Physics I.....	4	MAT 202	
PHY 2002 General Physics II.....	4	PHY 2001	
Liberal Arts electives ¹	18		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Total credits required.....	128-130		

The successful completion of BIO 503 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ All majors are strongly encouraged to become conversant in a language other than English.

Group A—Population Biology Ecology and Evolution

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select ONE of the following courses	4		
BIO 203 Invertebrate Zoology	4	BIO 104	
BIO 204 Ecology	4	BIO 104	
BIO 280 Biological Evolution	4	BIO 104	
BIO 302 Botany	4	BIO 104	
Total credits required	4		

Group B—Molecular and Cellular Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select ONE of the following courses	4		
BIO 206 Histology	4	BIO 104	
BIO 310 Cell Biology	4	{ BIO 250 CHE 2102	
BIO 320 Molecular Biology	4	{ BIO 104 CHE 2102	
BIO 405 Immunology	4	BIO 310	
BIO 480 Bioinformatics	4	{ BIO 250 CHE 2102 IT 104	
Total credits required	4		

Group C—Organismal Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select ONE of the following courses	3-4		
BIO 202 Comparative Anatomy	4	BIO 104	
BIO 210 Developmental Biology	4	BIO 104	
BIO 301 Microbiology	4	BIO 104	
BIO 350 Physiology	4	{ BIO 104 CHE 2102	
BIO 403 Endocrinology	3	BIO 350	
BIO 409 Neurobiology	4	BIO 310	
BIO 420 Virology	4	{ BIO 301 CHE 2102	
BIO 450 Pharmacology	3	BIO 350	
Total credits required	3-4		

Major in Biomedical Science (Dentistry)

In a cooperative effort with the New York University College of Dentistry, the department has a Biomedical Science program that enables qualified students to complete a science-studies curriculum in three years and then make application to the New York University College of Dentistry. Upon completion of the first year of study at NYU, the student is awarded a B.S. in Biomedical Science from St. Francis College. After completion of the fourth year of study at NYU, the student is awarded the degree of Doctor of Dental Surgery

(D.D.S.) from the NYU College of Dentistry. This curriculum can be completed in seven rather than eight years.

To be admitted to the dental college without the necessity of applying through the American Association of Dental School Application Services (AADSAS), students in this program must be recommended by St. Francis College, complete all prerequisite courses, have a GPA of 3.2 or better and take the DAT.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	43		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I	4	MAT 107 or placement by exam	
MAT 301 Statistics.....	3	MAT 104 or higher or placement by exam	
BIO 103 General Biology I.....	5	.....	CHE 1201
BIO 104 General Biology II	5	BIO 103.....	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104.....	CHE 2101
BIO 303 Genetics	4	BIO 104	
BIO 320 Molecular Biology.....	4	{ BIO 104 CHE 2102	
CHE 1201 General Chemistry I.....	4	.....	{ MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I.....	5	CHE 1202	
CHE 2102 Organic Chemistry II.....	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I.....	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Training Program through New York University College of Dentistry.....	33		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Total credits required.....	131		

Major in Biomedical Science (Podiatric Medicine)

In cooperation with the New York College of Podiatric Medicine, the department has an accelerated Biomedical Science program, which enables highly qualified students to complete a science-studies curriculum in three years and then make application to the New York College of Podiatric Medicine. Upon completion of the first year of study at the New York College of Podiatric Medicine, the

student is awarded a B.S. in Biomedical Science from St. Francis College. Then, after completing four years of study at the New York College of Podiatric Medicine, the student is awarded the degree of Doctor of Podiatric Medicine (D.P.M.) from the College of Podiatric Medicine. This curriculum can be completed in seven rather than eight years.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	43		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I	4	MAT 107 or placement by exam	
MAT 301 Statistics.....	3	MAT 104 or higher or placement by exam	
BIO 103 General Biology I.....	5	.....	CHE 1201
BIO 104 General Biology II	5	BIO 103.....	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104.....	CHE 2101
BIO 303 Genetics	4	BIO 104	
BIO 320 Molecular Biology.....	4	{ BIO 104 CHE 2102	
CHE 1201 General Chemistry I.....	4	.....	{ MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I.....	5	CHE 1202	
CHE 2102 Organic Chemistry II.....	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I.....	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Training Program through New York College of Podiatric Medicine	33		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Total credits required.....	131		

Major in Medical Technology

The program in Medical Technology prepares the student for acceptance into New York Methodist Hospital or St. Vincent's Catholic Medical Centers of New York. Upon completion of clinical training, the student receives a B.S. in Medical Technology

from St. Francis College and a certificate of program completion from the New York Methodist Hospital or the St. Vincent's Catholic Medical Centers of New York.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	43		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I	4	MAT 107 or placement by exam	
MAT 301 Statistics.....	3	MAT 104 or higher or placement exam	
BIO 103 General Biology I.....	5	.....	CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 301 Microbiology.....	4	BIO 104	
BIO 405 Immunology	4	BIO 310	
CHE 1201 General Chemistry I.....	4	.....	} MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I.....	5	CHE 1202	
CHE 2102 Organic Chemistry II.....	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I.....	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Hospital Training	32		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	2		
Total credits required	128		

Major in Radiologic Sciences

The program in Radiologic Sciences is offered jointly with the St. Vincent's Catholic Medical Centers of New York. The B.S. degree,

awarded by St. Francis College, requires a total of 128 credits, 65 of which are earned at St. Francis.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	44		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 140 Anatomy and Physiology for Health Science I.....	4		
BIO 141 Anatomy and Physiology for Health Science II	4	BIO 140	
IT 101 Computer Tools	3		
Any MAT course.....	3		
PSY 1100 General Psychology	3		
Radiologic Science credits at Catholic Medical Center	63		
Liberal Arts and Sciences	9		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Total credits required	128		

Major in Health Promotion

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 102 Introduction to Human Biology.....	3		
MAT 301 Statistics.....	3	MAT 104 or higher or placement exam	
➔Select the following course to satisfy the Religious Studies core requirement			
REL 2502 Moral Values and Health Issues.....	3		
HS 1201 Community Health.....	3		
HS 2150 Introduction to Health Promotion.....	3		
HS 2151 Foundations of Health Promotion.....	3	HS 2150	
HS 3250 Designing Health-Promotion Programs.....	3		{ HS 2151 Two health-promotion electives
HS 3251 Implementation and Evaluation of Health-Promotion Programs.....	3	HS 3250	
HS 2406 Epidemiology.....	3		
HS 4990 Internship in Allied Health Promotion.....	3	15 HS credits	
HS 4350 Introduction to Research and Bioethics in Health Promotion.....	3		{ HS 3251 Senior standing
HS 4998 Seminar in Health Promotion.....	3		Instructor approval. NOTE: beginning with students who start HS 2150 in Fall 2007, HS 4350 is prerequisite to HS 4998.
Select THREE health-promotion-electives.....	9		
IT 101 Computer Tools.....	3		
PSY 1100 General Psychology.....	3		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	42		
Total credits required.....	129		

The successful completion of HS 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Biology

The minor in Biology is not intended as a preparation for graduate study, but it will reinforce the student's biological science background.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
BIO 103 General Biology I.....	5		CHE 1201
BIO 104 General Biology II.....	5	BIO 103.....	CHE 1202
BIO 250 Introduction to Cell Biology.....	4	BIO 104.....	CHE 2101
Select TWO BIO courses.....	6-8		
CHE 1201 General Chemistry I.....	4		{ MAT 107 or exam
CHE 1202 General Chemistry II.....	4	CHE 1201	
Total credits required.....	28-30		

Minor in Health Promotion

A minor in Health Promotion and Science is both useful and appropriate for a variety of students interested in the educational side of health care. Because health and fitness is a rapidly expanding industry, opportunities abound for individuals with talents and backgrounds in areas such as English, communications, economics,

pre-medicine, sociology, psychology, physical education, and management combined with health-promotion skills. Health promotion specialists find employment in schools, community centers, health clubs, and corporations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HS 2150 Introduction to Health Promotion	3		
HS 2151 Foundations of Health Promotion	3	HS 2150	
HS 3250 Designing Health-Promotion Programs	3	{ HS 2151 Two health-promotion courses	
HS 3251 Implementation and Evaluation of Health-Promotion Programs.....	3	HS 3250	
Select TWO of the following courses	6		
HS 1201 Community Health.....	3		
HS 1206 Safety and First Aid.....	3		
HS 1207 Nutrition.....	3		
HS 1306 Coping with Stress	3		
HS 1306 Healing and Wholeness.....	3		
HS 1403 Women’s Health Issues.....	3		
HS 2406 Epidemiology	3		
HS 1419 Death, Loss, and Grief.....	3		
Total credits required	18		

Business and Technology

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Chairperson

Dr. John R. Dilyard

Mission of the Business & Technology Department

The Business & Technology Department contains two majors – Information Technology and Management. The Department’s mission is to have its graduates become productive members of society and to be prepared to advance in their chosen careers. The Department recognizes that the two disciplines are linked and therefore provides opportunities for each major to discover the synergies that can be derived from each major’s curriculum.

Mission of the Information Technology Major

Students in the Information Technology major are prepared for careers in the rapidly changing field of information technology. The Department’s primary mission is to provide and offer its majors state-of-the-art information technology courses, but it also extends this mission to students in other disciplines, particularly management, biology, health care management, education and nursing. The department offers a B.S. degree in information technology and four bridge courses for qualified students leading to a M.S. degree in computer science from Polytechnic University. The department also offers a full spectrum of courses for all qualified students from the basic computer tools through web design and database management in support of the respective majors in the College. Most organizations use information technology to achieve competitive advantages in the market place. Students may study decision support systems, telecommunications, system design, educational technology, medical informatics, and related topics to show how information technology is used to identify and resolve issues related to an organization’s IT-related opportunities.

Goals and Objectives

- *Prepare knowledge workers for a variety of roles in society and industry.*
- *Provide all students with technical and analytical skills.*
- *Prepare IT majors for the competitive world of graduate school.*

Alliance with Polytechnic University

St. Francis College has joined Polytechnic University in a collaborative educational effort. The program is designed to produce highly qualified personnel who will complete a bachelor’s degree from St. Francis College and the Master of Science degree in Computer Science from Polytechnic University in a five-year period.

Students in the program will study IT courses that will serve as bridge courses to Polytechnic University. Courses include: IT 103, IT 104, IT 105, IT 340, IT 380, IT 404, MAT 202, MAT 203, and one year of a laboratory science (physics, biology, or chemistry). These courses are either in addition to or part of the students’ courses in their major. Students who have finished the bridge courses and have an index of at least 3.6 are eligible to take

graduate courses at Polytechnic University in computer science. Contact the department Chairperson for further information.

Program Requirements

The Information Technology major prepares future managers and analysts to use information technology to help people and organizations perform more efficiently and effectively. As information technology spreads throughout an organization’s structure, information managers interact with all the components of an organization. The IT major prepares students with the skills needed to analyze a range of organizational problems and provides them with knowledge of applications of computer and information technology. In consultation with their advisors, students are encouraged to use their elective courses to select an application track in a discipline that relies heavily on information technology. These tracks include business and management, biology, health care management, education, and nursing.

Mission of the Management Major

To compete in the global economy, Management majors must understand basic management concepts and be able to think, write, speak and analyze. As a result, the Business and Technology Department’s mission is to prepare students to participate in the global economy by complementing the core foundation in the liberal arts achieved by all St. Francis College graduates with a solid foundation in the core elements of management – accounting, finance, marketing, human resources management and quantitative analysis – and then allowing them to specialize in a discipline of their choice.

Areas of Study

The College offers a B.S. degree in Management, an Associate of Applied Science in Business Administration, and a minor in Business. Management majors are encouraged to select a concentration in one of the following areas: E-Commerce, Finance, General Business, Human Resources, Insurance, International Business, Marketing, or Operations Research. Minors in Accounting or Information Technology are also available.

Goals and Objectives

- *Graduate students who are able to enter a competitive global business environment.*
- *Graduate students who can pursue careers in finance, government service, human resources, international business, management, marketing, or operations.*
- *Graduate students who are able to critically analyze information and discuss it orally and in writing.*
- *Prepare students to seek entrepreneurial opportunities.*
- *Prepare students for graduate studies in Management.*

Program Requirements

Major in Information Technology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	43		
▶Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra	3	MAT 070 or placement exam	
▶Select ONE of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 107 Algebra and Trigonometry for Science Majors.....	4	MAT 105 or placement exam	
MAT 109 Mathematics for Managerial Science I	3	MAT 105 or placement exam	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
IT 101 Computer Tools	3		
IT 103 Computer-Based Information Systems	3	IT 101 (may be taken as pre- or co-requisite)	
IT 104 Programming I.....	3	IT 101	
IT 201 Telecommunications and Networking	3	IT 103	
IT 203 Web Design.....	3	IT 101	
IT 210 Database Management Systems	3	IT 103	
IT 301 Project Management	3	IT 101	
IT 303 E-Commerce Integration	3	IT 203 or MKT 340	
IT 305 Information Technology Law and Ethics	3	IT 103	
IT 310 Systems Analysis and Design.....	3	IT 210	
IT 500 Capstone Project	3	Senior standing	
Select FOUR IT courses	12		
ORM 301 Empirical Methods for Business Research.....	3	MAT 105	
Liberal Arts electives.....	24		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	9		
Total credits required.....	130		

The successful completion of IT 500 satisfies the College's Comprehensive Examination/Thesis requirement.

Program Requirements

Major in Management

The Business and Technology Department provides an academic environment in which students study current techniques for the management and operation of small and large business organizations, international companies, government agencies, and non-profit institutions. Emphasis is placed on the acquisition of skills as well as the integration of marketing, domestic and international business, finance, and human resource management disciplines.

Students develop the ability to interpret data and supply quantitative, statistical, and logical solutions to business problems. Students are encouraged to find internship opportunities that complement their classroom studies. Seniors are required to pass a comprehensive examination that measures their general business knowledge, quantitative analysis skills, and writing and reasoning abilities. The department partners with the Career Development Center to help students identify and secure career opportunities.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement ¹			
MAT 105 College Algebra.....	3	MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I.....	3	MAT 105 or placement exam	
ACC 1101 Elementary Accounting I.....	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
BL 2101 Business Law I.....	3	BUS 101	
BL 2102 Business Law II.....	3	BL 2101	
BUS 101 Organization and Management.....	3		
		ECO 3331/FIN 301	
		HR 201	
BUS 490 Business Policies.....	3	MKT 201	
		ORM 301 or MAT 301	
		Senior standing	
ECO 1201 Principles of Macroeconomics.....	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
		ACC 1001 or ACC 1101	
ECO 3331/FIN 301 Principles of Finance.....	3	ECO 2202 or ECO 2306	
		MAT 105 or placement exam	
Any FIN course except ECO 3331/FIN 301.....	3		
Select TWO ECO, HIS, PSC, PSY, or SOC courses ²	6		
HR 201 Management Theory and Practice.....	3	BUS 101	
Any HR course (certain PSY and SOC courses may substitute).....	3		
IT 101 Computer Tools.....	3		
MKT 201 Marketing.....	3	BUS 101	
Any MKT course.....	3		
ORM 301 Empirical Methods for Business Research.....	3	MAT 105	
Any ORM course.....	3		
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Liberal Arts elective.....	3		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	15		
Total credits required.....	128		

The passing of a senior-year comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

¹ For transfer students or for those entering the major from the sciences, equivalent MAT courses will satisfy the Mathematics core requirement.

² Except ECO 3331/FIN 301.

Concentrations

A student may elect to concentrate in E-Commerce, Finance, General Business, Human Resources, Insurance, International Business, Marketing, or Operations Management in addition to a major in Management. This requires the student to select courses from the following groups in addition to the required groups in management. There is a sufficient number of free electives in the program to allow for this.

Students are advised that degree requirements include the minimum completion of 128 credits. Students who pursue one or more of the following concentrations may be required to take additional free elective courses if their credits total fewer than 128.

E-Commerce

The advent of the World Wide Web has revolutionized the process of domestic and international commerce in business-to-business and

business-to-consumer relationships. The E-Commerce concentration is a multidisciplinary program that integrates courses from Information Technology and Marketing to introduce students to this new way of doing business and help them master skills that are used in its conduct.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
IT 101 Computer Tools.....	3		
IT 203 Web Design.....	3	IT 101	
IT 210 Database Management Systems.....	3	IT 103	
IT 303 E-Commerce Integration.....	3	IT 203 or MKT 340	
IT 305 Information Technology Law and Ethics	3	IT 103	
MKT 340 Direct Marketing	3	MKT 201	
MKT 440 Internet Marketing	3	MKT 201	
Total credits required	15		

Finance

The Finance concentration introduces students to several areas within the finance field. After successfully completing ECO 3331/FIN 301 Principles of Finance, students can select from

several courses that provide exposure to various professions such as investment analysis, managerial finance, personal finance, and international finance.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ECO 3331/FIN 301 Principles of Finance	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
Select FOUR of the following courses.....	12		
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
ECO 3332/FIN 302 Managerial Finance ¹	3	{ ECO 3331/FIN 301 MAT 109	
ECO 3333/FIN 312 Security Analysis ¹	3	{ ECO 3331/FIN 301 MAT 109	
ECO 3334/FIN 334 Government Finance ¹	3	{ ECO 3331/FIN 301 MAT 109	
ECO 4433/FIN 412 Portfolio Management ¹	3	{ ECO 3331/FIN 301 MAT 109	
FIN 316 Personal Finance.....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
FIN 340 Insurance and Risk Management	3	ECO 3331/FIN 301, FIN 316	
FIN 416 Introduction to Financial Derivatives.....	3	{ ECO 3331/FIN 301 MAT 109	
FIN 420 International Finance	3	{ ECO 3331/FIN 301	
FIN 422 Financial Institutions Management.....	3	{ ECO 3331/FIN 301	
MAT 110 Mathematics for Managerial Science II	3	MAT 109	
Total credits required	15		

¹ May be taken as a Liberal Arts/Economics elective

General Business

The General Business concentration is particularly suited to students interested in acquiring knowledge and skills on a broader array of management disciplines

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
BUS 201 Global Business.....	3	BUS 101	
BUS 204 Business and Society.....	3	BUS 101 (no prerequisite for non-majors)	
BUS 205 Management of a Small Business.....	3	BUS 101	
BUS 250 Business Communication	3	BUS 101, WRI 1100	
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
BUS 496 Business Research.....	3	{ Junior standing Department approval	
BUS 497 Internship.....	1-3	Department approval	
FIN 340 Insurance and Risk Management	3	{ ECO 3331/FIN 301	
HR 304 Human Resources Management.....	3	HR 201	
MKT 202 Marketing Management.....	3	MKT 201	
ORM 308 Quantitative Methods in Business I.....	3	ORM 301	
Total credits required	15		

Human Resources Management

Human Resources Management introduces students to the full spectrum of personnel management, including employee relations, organizational structure, compensation and benefit plans, appraisals, and labor relations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HR 201 Management Theory and Practice.....	3	BUS 101	
Select FOUR of the following courses.....	12		
BUS 201 Global Business.....	3	BUS 101	
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
HR 304 Human Resources Management.....	3	HR 201	
HR 310 Organizational Behavior.....	3	HR 201	
HR 409 Industrial Relations and Collective Bargaining.....	3	HR 201	
HR 410 Compensation	3	HR 201	
PSY 3313 Group Dynamics.....	3		
PSY 3317 Industrial and Organizational Psychology	3		
SOC 2000 Social Problems	3	SOC 1000	
SOC 2070/ CJ 2070 Sociology of Minority Groups.....	3	SOC 1000	
SOC 2080 Conflict Resolution	3	SOC 1000	
SOC 3040 Complex Organizations: Structure and Process.....	3	SOC 1000	
Total credits required	15		

Insurance

The Insurance concentration is targeted to students interested in a career in insurance. The concentration will provide students with a broad overview of the insurance business and to help them become aware of the many career opportunities available in the insurance industry. After completing each of the four courses within the

concentration a student becomes eligible to take the Chartered Property Casualty Underwriters (CPCU) examination specific to the course content. A student who passes all four CPCU examinations is awarded the designation *Associate in Insurance Services* by CPCU.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
INS 1021, Property and Liability Insurance.....	3	BUS 101	
INS 1022, Personal Insurance	3	BUS 101	
INS 1023, Commercial Insurance	3	BUS 101	
INS 1025, Insurance Services Management.....	3	BUS 101	
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
FIN 316 Personal Insurance	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
FIN 340 Insurance and Risk Management	3	ECO 3331/FIN 301 and FIN 316	
Total credits required	15		

International Business

The International Business concentration is a highly interdisciplinary program that takes elements from economics, finance, human resources, information technology, marketing and international cultural studies. The program prepares students for international

careers in business firms, financial institutions, or government agencies that require flexible thinking, strong analytical skills, and refined communication skills.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
BUS 201 Global Business			
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
ECO 3305/ICS 305 European Economies	3	ECO 1201	
ECO 4403 International Economics, Trade, and Finance.....	3	{ ECO 2306 Junior standing	
FIN 420 International Finance	3	{ ECO 3331/FIN 301 MAT 109	
ICS 1240 Peoples/Cultures of the Contemporary World I.....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II	3		
IT 303 E-Commerce Integration.....	3	IT 203 or MKT 340	
MKT 330 International Marketing.....	3	MKT 201	
MKT 370 Travel and Tourism Marketing.....	3	MKT 201	
Total credits required	15		

Marketing

The study of Marketing provides the qualitative and quantitative skills to be successful in careers throughout the business spectrum. Marketing integrates advertising, sales promotion, pricing, distribution and product strategies, public relations, merchandising, international marketing, direct marketing, and Internet marketing/e-commerce.

Students are encouraged to explore the profession by participating in opportunities such as marketing internships, advanced marketing projects, and student membership in marketing organizations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
MKT 201 Marketing.....	3	BUS 101	
Select FOUR of the following courses.....	12		
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
MKT 202 Marketing Management.....	3	MKT 201	
MKT 203 Introduction to Travel and Tourism	3	MKT 201	
MKT 307 Advertising and Sales Promotion.....	3	MKT 201	
MKT 309 The Sales Function.....	3	MKT 201	
MKT 315 Public Relations	3	MKT 201	
MKT 316 Merchandising.....	3	MKT 201	
MKT 330 International Marketing.....	3	MKT 201	
MKT 340 Direct Marketing	3	MKT 201	
MKT 370 Travel and Tourism Marketing.....	3	MKT 201	
MKT 440 Internet Marketing	3	MKT 201	
Total credits required	15		

Operations Research and Management

The Operations Management concentration applies mathematical and analytical concepts to solve business problems and acquire skills in such areas as forecasting, probability, quality control,

production scheduling, transportation and logistics, project management, and inventory control.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ORM 301 Empirical Methods for Business Research.....	3	MAT 105	
Select FOUR of the following courses.....	12		
BUS 342/PHI 3342 Business Ethics	3	PHI 2201 or PHI 2203	
IT 103 Computer-Based Information Systems	3	IT 101 (may be taken as pre- or co-requisite)	
MAT 110 Mathematics for Managerial Science II	3	MAT 109	
ORM 308 Quantitative Methods in Business I	3	MAT 301 or ORM 301	
ORM 309 Business Forecasting.....	3	{ MAT 109 ORM 301	
ORM 310 Production and Operations Management	3	ORM 301	
ORM 311 Quantitative Methods in Business II.....	3	{ MAT 109 ORM 301	
Total credits required	15		

Travel and Tourism

[Formerly Minor now Concentration in Management, Only open to Management Majors]

The Travel and Tourism concentration is intended to provide the student with a basic knowledge of travel and tourism and the hospitality industries. It is particularly suited to students interested in

sales, marketing, international cultural studies, and who have a keen interest in national and international tourism.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses.....	15		
BUS 201 Global Business.....	3		
BUS 205 Management of a Small Business.....	3		
BUS 342 Business Ethics.....	3		
MKT 104 Travel Geography.....	3		
MKT 203 Introduction to Travel and Tourism	3	MKT 201	
MKT 500 Independent Study in Tourism Development	1-3	Department Approval	
Total credits required	15		

Minor in Business

The minor in Business introduces non-business majors to the various professions within the field of business and to the interrelationships that exist among them. It allows students, independently of their

majors, to appreciate the dynamics of the workplace. The minor enhances the student's ability to understand business systems and their function in the workplace.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select ONE of the following courses.....	3-4		
ACC 1001 Introduction to Accounting.....	3	MAT 050 or placement exam	
ACC 1101 Elementary Accounting I.....	4	MAT 050 or placement exam	BUS 101
BUS 101 Organization and Management.....	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 3331/FIN 301 Principles of Finance	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
HR 201 Management Theory and Practice.....	3	BUS 101	
IT 101 Computer Tools	3		
MKT 201 Marketing.....	3	BUS 101	
Total credits required	21-22		

Minor in Information Technology

The minor in Information Technology provides students with basic skills necessary to function productively in today's computerized office and workplace environments. The focus is on microcomputers and their applications to real-world problems. Students study

programming, hardware, systems software, and applications designed for personal productivity, data communications, database management, and other tasks.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
IT 101 Computer Tools	3		
IT 103 Computer-Based Information Systems	3	IT 101 (may be taken as pre- or co-requisite)	
IT 104 Programming I.....	3	IT 101	
Select THREE IT courses 200 or higher	9		
Total credits required	18		

Associate in Applied Science—Business Administration

This degree program permits adults with work experience and others who do not expect to be able to complete a B.S. degree program to gain a broad understanding of the business environment in which

they are employed or expect to be employed. The program also provides an introduction to the liberal arts.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	30		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I	3	MAT 105 or placement exam	
MAT 301 Statistics.....	3	MAT 070 or placement exam	
ACC 1101 Elementary Accounting I.....	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
BL 2101 Business Law I.....	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management.....	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
Select ONE of the following courses	3		
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3331/FIN 301 Principles of Finance	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
HR 201 Management Theory and Practice.....	3	BUS 101	
IT 101 Computer Tools	3		
MKT 201 Marketing.....	3	BUS 101	
SFC 1001 Freshman Seminar	1		
Total credits required	66		

Updates to Programs of Study

Communication Arts

Major in Communication Arts—Concentration in Advertising/Public Relations

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
BUS 101 Organization and Management.....	3		
COM 2000 Mass Communications.....	3	COM 1000	
Select ONE of the following courses	3		
COM 2010 Voice and Diction.....	3	COM 1000	
COM 2020 The Oral Tradition	3	COM 1000	
Select ONE of the following courses	3		
COM 2040 Interpersonal Communications	3	COM 1000	
COM 2050 Small Group Discussion.....	3	COM 1000	
Select ONE of the following courses	3		
COM 3100 History of Film.....	3	COM 2000	
COM 3110 Studies in Film.....	3	COM 2000	
Select ONE of the following courses	3		
COM 3000 Topics in Mass Communication.....	3	COM 2000	
COM 3120 History of Television.....	3	COM 2000	
COM 3130 Modern Radio.....	3	COM 2000	
COM 3300 Television Studio Production	3	COM 2000	
COM 3400 Persuasion.....	3	COM 1000	
COM 3410 Advertising	3	COM 2000 or COM 3400	
COM 4410 Creative Advertising.....	3	COM 2000, COM 3400 and COM 3410	
Select ONE of the following courses	3		
COM 2100 Acting I Voice and Movement.....	3	COM 1000	
COM 4200 Writing for Performance.....	3	WRI 1100	
COM 4420 Public Relations in Modern Media.....	3	{ COM 3200 COM 3400 COM 3410	
COM 4998 Senior Comprehensive.....	3	Senior standing	
Select ONE of the following courses	3		
COM 3600 Communications and the Law	3	COM 2000	
COM 4600 Global Communications.....	3	COM 2000 and COM 3100 or COM 3110	
IT 101 Computer Tools	3		
MKT 201 Marketing.....	3	BUS 101	
Select ONE of the following courses	3		
MKT 202 Marketing Management.....	3	MKT 201	
MKT 307 Advertising and Sales Promotion.....	3	MKT 201	
MKT 316 Merchandising.....	3	MKT 201	
MKT 330 International Marketing.....	3	MKT 201	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	30		
Total credits required	129		

The successful completion of COM 4997 or COM 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Communication Arts—Concentration in Performance Studies [Formerly named Speech and Theater]

Courses	Credits	Prerequisite(s) Requisite(s)	Co-
Core Curriculum.....	42		
COM 2000 Mass Communications.....	3	COM 1000	
COM 2010 Voice and Diction	3	COM 1000	
COM 2020 The Oral Tradition.....	3	COM 1000	
COM 2040 Interpersonal Communications.....	3	COM 1000	
COM 2050 The Group Process.....	3	COM 1000	
COM 2100 Acting I: Voice and Movement.....	3	COM 1000	
COM 2110 Acting II: Scene Study.....	3	COM 21000	
Select ONE of the following courses.....	3		
COM 3100 History of Film.....	3	COM 2000	
COM 3110 Studies in Film.....	3	COM 2000	
COM 3200 News Writing.....	3	{ COM 2000 or COM 3400 WRI 1100	
COM 3300 Television Studio Production.....	3	COM 2000	
COM 3400 Persuasion.....	3	COM 1000	
COM 4200 Writing for Performance.....	3	WRI 1100	
COM 4300 Basic Film and Video Production.....	3	COM 3100 or COM 3110	
COM 4330 Directing.....	3	COM 4300	
COM 4350 Theater Production Workshop.....	3	COM 2100	
COM 4997 Senior Comprehensive.....	3	Senior standing	
IT 101 Computer Tools.....	3		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	33		
Total credits required.....	129		

The successful completion of COM 4997 or COM 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Economics

Program Requirements

Major in Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
Select TWO of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra.....	3	MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I.....	3	MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II.....	3	MAT 109	
MAT 202 Calculus I.....	4	MAT 107 or placement exam	
MAT 203 Calculus II.....	4	MAT 202	
ECO 1201 Principles of Macroeconomics.....	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; Pre or co-requisite: ECO 2202	
ECO 3313 Applied Statistics for Economics.....	3	{ ECO 1201 MAT 301 or ORM 301	
ECO 4406 Development of Economic Thought.....	3	{ ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics.....	3	{ ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select SIX ECO courses.....	18		
Select ONE of the following four groups.....	6-8		
Group A—Select TWO ACC courses in sequence ¹			
Group B—Select TWO IT courses in sequence			
Group C—Select TWO MGT courses in sequence			
Group D—Select BOTH of the following courses			
ICS 1240 Peoples/Cultures of the Contemporary World I.....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II.....	3		
Select ANY TWO HIS, PSC, SOC, or foreign language courses in sequence.....	6		
IT 101 Computer Tools.....	3		
Select ONE of the following courses.....	3		
MAT 301 Statistics.....	3	MAT 104 or placement exam	
ORM 301 Empirical Methods for Business analysis.....	3	MAT 105	
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	25-27		
Total credits required.....	129		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ Students who elect Accounting courses (ACC) will have fewer free electives.

Major in Economics—Concentration in Finance

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
➔ Select TWO of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra.....	3	MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I.....	3	MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II.....	3	MAT 109	
MAT 202 Calculus I.....	4	MAT 107 or placement exam	
MAT 203 Calculus II.....	4	MAT 202	
ACC 1101 Elementary Accounting I.....	4	MAT 050 or placement exam;	co requisite: BUS 101
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ECO 1201 Principles of Macroeconomics.....	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3313 Applied Statistics for Economics.....	3	{ ECO 1201 MAT 301 or ORM 301	
ECO 3331/FIN 301 Principles of Finance.....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
Select TWO of the following courses.....	6		
ECO 3332/FIN 302 Managerial Finance.....	3	{ ECO 3331/FIN 301 MAT 109	
ECO 3333/FIN 312 Security Analysis.....	3	{ ECO 3331/FIN 301 MAT 109	
ECO 3334/FIN 334 Government Finance.....	3	{ ECO 3331/FIN 301 MAT 109	
ECO 4433/FIN 412 Portfolio Management.....	3	{ ECO 3331/FIN 301 MAT 109	
ECO 4406 Development of Economic Thought.....	3	{ ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics.....	3	{ ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select THREE ECO courses.....	9		
Select ANY TWO HIS, PSC, SOC, or foreign language courses in sequence.....	6		
IT 101 Computer Tools.....	3		
Select ONE of the following courses.....	3		
MAT 301 Statistics.....	3	MAT 104 or placement exam	
ORM 301 Empirical Methods for Business analysis.....	3	MAT 105	
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	25		
Total credits required.....	129		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement

Major in Economics—Concentration in International Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
➔ Select TWO of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra	3	MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I.....	3	MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II	3	MAT 109	
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2201 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3304 Economics of Less Developed Countries.....	3	ECO 1201	
ECO 3305/ICS 3305 European Economics.....	3	ECO 1201	
ECO 3313 Applied Statistics for Economics.....	3	{ ECO 1201 MAT 301 or ORM 301	
ECO 4403 International Economics, Trade, and Finance	3	{ ECO 2306 Junior standing	
ECO 4406 Development of Economic Thought.....	3	{ ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics.....	3	{ ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select THREE ECO courses.....	9		
Select ANY TWO HIS, PSC, SOC, or foreign language courses in sequence (choose courses relating to countries other than the U.S.)	6		
ICS 1240 Peoples/Cultures of the Contemporary World I.....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II.....	3		
IT 101 Computer Tools	3		
Select ONE of the following courses	3		
MAT 301 Statistics	3	MAT 104 or placement exam	
ORM 301 Empirical Methods for Business analysis	3	MAT 105	
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	27		
Total credits required	129		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement

Major in Economics—Concentration in Public Policy

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
Select TWO of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra	3	MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I.....	3	MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II.....	3	MAT 109	
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
BUS 101.....	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
Select THREE of the following courses:	9		
ECO 3302 Economic Development of the United States.....	3	ECO 1201	
ECO 3307 Environmental Economics	3	ECO 1201	
ECO 3308 Urban Economics.....	3	ECO 1201	
ECO 3309 Labor Economics	3	ECO 1201	
ECO 3310 Health Economics.....	3	ECO 1201 and ECO 2202	
ECO 3319 The Economics of Discrimination.....	3	ECO 1201	
ECO 3340 Gender and the Economy.....	3	ECO 1201	
ECO 3313 Applied Statistics for Economics.....	3	{ ECO 1201 MAT 301 or ORM 301	
ECO 4406 Development of Economic Thought.....	3	{ ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics.....	3	{ ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select THREE ECO courses.....	9		
HR 201 Management Theory and Practice.....	3	BUS 101	
IT 101 Computer Tools	3		
Select ONE of the following courses	3		
MAT 301 Statistics	3	MAT 104 or placement exam	
ORM 301 Empirical Methods for Business analysis	3	MAT 105	
Select ONE of the following courses:	3		
PSC 2304 State and Local Government.....	3	15 college credits	
PSC 2306 Metropolitan Government and Politics.....	3	15 college credits	
PSC 2309 Public Administration.....	3	PSC 1204	
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Select ONE of the following courses	3		
CJ 2070/SOC 2070 Sociology of Minority Groups.....	3	SOC 1000	
SOC 2000 Social Problems	3	SOC 1000	
SOC 3040 Complex Organizations: Structure and Process.....	3	SOC 1000	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	27		
Total credits required	129		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Education

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Chairperson

Dr. Richard A. Giaquinto

Assistant Professors

Gair
 McNamara

Associate Professors

Giaquinto
 Leibman
 Shaw

Adjuncts

Burke
 Kurtin
 Quigley
 Leibman
 Protano
 Rogers
 Verna

Consultant to the Department

Dr. Robert Muccigrosso

Administrative Assistant/Certification Officer

Yvette Heffelfinger

Program Requirements

Major in Adolescence Education—Concentration in English

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
▶ Select the following course to satisfy the English Literature core requirement			
American Literature Gateway (AML 2100-2199)	3	WRI 1100	
Select TWO Natural Science or Mathematics courses ²	6		
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 2230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 3333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 2231 Assessment and Evaluation	3	{ ED 201 with a grade of B or higher ED 202 with a grade of B or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience ¹	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	{ CED 303 ED 402 IT 101	
AED 420 Special Methods of Secondary Reading Instruction	3	{ AED 301 ED 402	
AED 422 Special Methods of Secondary English	3	{ AED 301 ED 402 English department approval	
Select TWO foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select TWO Natural Science or Mathematics courses ²	6		
PSY 2203 Child and Adolescent Psychology	3		
American Literature Gateway (AML 2200-2299)	3	AML 2100-2199	
British Literature Gateway (BRL 2100-2199)	3	WRI 1100	
British Literature Gateway (BRL 2200-2299)	3	BRL 2100-2199	
International Literature Gateway (LIT 2100-2199)	3	WRI 1100	
Select FOUR AML, BRL, DRA, or LIT courses 3000 or higher	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any ENG course 4000-4399	3	Five AML, BRL, DRA, or LIT courses 2100-2199	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives	9		
Total credits required	129		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ See note regarding Field Experience and ED 405 at the beginning of this section.

² If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

Major in Adolescence Education—Concentration in Social Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Select TWO Natural Science or Mathematics courses ²	6		
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 2230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 3333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 2231 Assessment and Evaluation	3	{ ED 201 with a grade of B or higher ED 202 with a grade of B or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience ¹	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	{ CED 303 ED 402 IT 101	
AED 420 Special Methods of Secondary Reading Instruction	3	{ AED 301 ED 402	
AED 425 Special Methods of Secondary Social Studies	3	{ AED 301 ED 402	
Select TWO foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select TWO Natural Science or Mathematics courses ²	6		
PSY 2203 Child and Adolescent Psychology	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
HIS 3401 History of the U.S.: The Age of Discovery–1789	3	HIS 1201	
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
Select ONE of the following courses	3		
HIS 3307 American Minorities	3	HIS 1201	
HIS 3311 African-American History	3	HIS 1201	
Select ONE of the following courses	3		
HIS 2303/PSC 2312 The World in the 20th Century	3	HIS 1201 or 15 college credits	
HIS 2320-2323/PSC 2320-2323 Current Problems	3	HIS 1201 or 15 college credits	
HIS 3310 Latin-American History	3	HIS 1201	
PSC 2317 Government and Politics of Africa	3	PSC 1202	
PSC 2318 Government and Politics of Asia	3	PSC 1202	
SOC 2040 Social Anthropology	3	SOC 1000	
PSC 1202 Introduction to Political Science—Scope and Method	3		
PSC 2304 State and Local Government	3	15 college credits	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives	6		
Total credits required	129		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ See note regarding Field Experience and ED 405 at the beginning of this section.

² If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

Major in Childhood Education—Concentration in Mathematics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➔ Select TWO science courses (from subjects BIO CHE PHY SCI) to satisfy the Natural Science/Mathematics core requirement			
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 2230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 3333 Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
CED 303 Effective Teaching Methods/Strategies	3	{ ED 201 with a grade of B or higher ED 202 with a grade of B or higher	
ED 402/PSY 2231 Assessment and Evaluation	3	{ ED 201 with a grade of B or higher ED 202 with a grade of B or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience ¹	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	{ CED 303 ED 402 IT 101	
CED 411 Teaching Elementary Reading: Models and Strategies	3	CED 410	
CED 419 Writing Instruction in Elementary Schools	3	{ CED 303 ED 402	
CED 421 Math and Science Childhood Education	3	{ CED 303 ED 402 Cumulative index 2.75 or higher	
CED 432 Social Studies and Geography in Childhood Education	3	{ CED 303 ED 402	
Select TWO foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select ONE of the following courses	3		
PSY 2203 Child and Adolescent Psychology	3		
WRI 1500 Advanced Composition	3	WRI 1100	
MAT 103 Foundations of Mathematics ²	3	MAT 050 or placement exam	
MAT 104 Discrete Mathematics ²	3	MAT 050 or placement exam	
MAT 105 College Algebra ²	3	MAT 070 or placement exam	
MAT 107 Algebra and Trigonometry for Science Majors	4	MAT 105 or placement exam	
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
Select TWO of the following courses	6-7		
MAT 309 College Geometry	3	MAT 107	
MAT 312 Linear Algebra	4	MAT 203	
MAT 406 Theory of Numbers	3	MAT 202	
MAT 500 Independent Study in Mathematics ³	1-3	{ Senior standing Major in Mathematics or Mathematics Education Chairperson's approval	
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives	5		
Total credits required	128-129		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ See note regarding Field Experience and ED 405 at the beginning of this section.

² Students who pass the placement test for MAT 105 must select three different MAT courses to replace MAT 103, MAT 104, and MAT 105. Consult the Chairperson of the Education department for guidance.

³ Students in the Childhood Education program who elect MAT 500 must take this independent study for 3 credits.

Physical Education—Initial Certificate (Grades K-12)

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➔Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 107 Anatomy and Physiology I	4		
BIO 108 Anatomy and Physiology II	4	BIO 107	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 2230 Educational Psychology	3	Cumulative index 2.75 or higher	
Select ONE of the following courses	3		
AED 301 Methods and Strategies of Secondary Education			
CED 303 Effective Teaching Methods/Strategies	3	{ ED 201 with a grade of B or higher ED 202 with a grade of B or higher	
Select TWO foreign language courses in sequence	6		
HS 1206 Safety and First Aid	3		
HS 1207 Nutrition	3		
IT 101 Computer Tools	3		
PE IX Fitness Education and Assessment	2		
Select THREE of the following courses	6		
PE I Skills Activities I	2		
PE II Skills Activities II	2		
PE III Skills Activities III	2		
PE VI Skills Activities VI	2		
PE VII Skills Activities VII	2		
PE X Advanced Skills X	2		
PE 211 Movement Education and PE in Elementary Schools	2		
Select ONE of the following courses	2		
FIT 121 Beginning Swimming	2		
FIT 123 Fitness Swimming	2		
PE 208 Kinesiology	3	{ BIO 108 PE301 ED 201 and ED 202/PSY 2230	
PE 209 Biomechanics	2	{ PE 208 BIO 108 ED 201 and ED 202/PSY 2230	
PE 301 History and Principles of Physical Education	2	ED 201 and ED 202/PSY 2230	
PE 302 Adapted Physical Education	3	{ PE 208 PE 308 ED 201 and ED 202/PSY 2230	
PE 304 Organization and Administration of Physical Education	2	ED 201 and ED 202/PSY 2230	
PE 305 Physiology of Exercise	3	{ BIO 108 ED 201 and ED 202/PSY 2230	
PE 308 Motor Learning	3	ED 201 and ED 202/PSY 2230	
PE 316 Psychology of Sport	3	ED 201 and ED 202/PSY 2230	
PE 322 Introduction to Legal Issues	3	ED 201 and ED 202/PSY 2230	
PE 401 Curriculum and Methods of Instruction in PE K-12	3	{ AED 301 or CED 303 ED 201 and ED 202/PSY 2230 Senior standing	
PE 402 Evaluation of Physical Education	2	{ ED 201 ED 202 Any Skills Activities course	
PE 404 Supervised Student Teaching in Physical Education	6	{ PE 401 PE 402 Department approval	
PSY 2203 Child and Adolescent Psychology	3		
FIT 102 or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives	7		
Total credits required	129		

The successful completion of ED 404 or PE 404 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ See note regarding Field Experience, ED 405, and PE 450 at the beginning of this section.

Nursing

Program Requirements

Major in Nursing

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Nursing credits transferred	30		
BIO 140 Anatomy and Physiology for Health Science I.....	4		
BIO 141 Anatomy and Physiology for Health Science II	4	BIO 140	
BIO 300 Microbiology for Health-Related Sciences	4	BIO 141	
CHE 1101 Chemistry and Life I.....	4	MAT 050 or placement exam	
COM 1000 Fundamentals of Speech.....	3		
IT 101 Computer Tools	3		
IT 250 Medical Informatics	3	IT 101	
MAT 301 Statistics	3	MAT 104 or higher	
NUR 311 Geriatric Nursing.....	2		
NUR 321 Physical Assessment.....	3		
NUR 322 Nursing Issues	3		
NUR 323 Professional Nursing Bridge (Clinical)	4	{ IT 101.....	NUR 324
		{ NUR 321	
		{ NUR 322	
NUR 324 Professional Nursing Bridge (Lecture).....	3		NUR 323
NUR 421 Community/Public Health (Clinical)	4	{ COM 203.....	NUR 422
		{ NUR 324	
NUR 422 Community/Public Health (Lecture).....	3		NUR 421
NUR 423 Nursing Leadership and Management.....	3	Department approval	
NUR 501 Nursing Seminar I.....	1		
NUR 502 Nursing Seminar II	1	Department approval	
NUR 600 Nursing Research	3	{ WRI 1500	
		{ MAT 301	
PSY 1100 General Psychology	3		
Any 1000- or 2000-level REL course ¹	3		
WRI 1100 Writing in the Public Sphere.....	3	Placement by exam	
WRI 1500 Advanced Composition.....	3	WRI 1100	
Liberal Arts and Science electives	28		
Total credits required	128		

The successful completion of NUR 501 and NUR 502 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ REL 1101 or 2201 is recommended.

Philosophy and Religious Studies

Program Requirements

Major in Religious Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
▶ Select the following course to satisfy the Religious Studies core requirement			
REL 1101 Survey of the World's Religions.....	3		
Select TWO foreign language courses in sequence ¹	6		
Select ONE of the following courses	3		
REL 2301 Central Themes of the Old Testament.....	3		
REL 2302 Central Themes of the New Testament	3		
Select ONE of the following courses	3		
REL 2501 Contemporary Moral Issues.....	3	Sophomore standing	
REL 2502 Moral Values and Health Issues	3		
Select TWO of the following courses	6		
REL 2103 Religions of Asia.....	3		
REL 2104 Religions of Africa and the African Diaspora.....	3		
REL 2201 The Christian Tradition	3		
REL 2202 Judaism.....	3		
REL 2203 Islam.....	3		
Select REL 3701 Approaches to the Study of Religion	3		
Select REL 4991 Independent Study: Thesis Direction	3		
Select TWO REL courses 3000 and higher	6		
Select THREE REL courses 2000 or higher	9		
Select SIX HIS, ICS, PSC, PSY, or SOC courses.....	18		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
Free electives.....	27		
Total credits required.....	129		

The successful completion of a comprehensive examination or project satisfies the College's Comprehensive Examination/Thesis requirement. Students who elect to complete a project must obtain prior approval from the department Chairperson.

¹ Student must elect 6 credits or demonstrate the equivalent ability in one language.

Sociology, Criminal Justice and Social Studies

Program Requirements

Major in Criminal Justice

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
CJ 1020/SOC 1020 Introduction to Criminal Justice.....	3		
CJ 2010/SOC 2010 Criminology.....	3	SOC 1000	
CJ 2030 Police Practices and Procedures.....	3	CJ 1020/SOC 1020	
CJ 2040 Probation and Parole.....	3	CJ 1020/SOC 1020	
CJ 2050 Corrections.....	3	CJ 1020/SOC 1020	
CJ 2070/SOC 2070 Sociology of Minority Groups.....	3	SOC 1000	
CJ 2080 Rights of the Accused.....	3	CJ 1020/SOC 1020	
CJ 3000 Criminal Law.....	3	CJ 1020/SOC 1020	
CJ 4990 Internship.....	1-3		{ 24 CJ credits Junior or senior standing
CJ 4998 Criminal Justice Senior Seminar.....	3		{ 30 CJ credits Senior standing
Select FOUR CJ courses.....	12		
Select EITHER Group A or Group B below ¹	6		
Group A—Select TWO foreign language courses in sequence			
Group B—Select TWO IT courses except IT 101			
IT 101 Computer Tools.....	3		
PSY 1100 General Psychology.....	3		
SOC 2000 Social Problems.....	3	SOC 1000	
SOC 4210 Social Research Methods.....	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology.....	3	SOC 4210	
Liberal Arts electives.....	9		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Free electives.....	12		
Total credits required.....	127-129		

The successful completion of CJ 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

¹ Two courses in the same foreign language or two courses in Information Technology, at least one of which is a high-level computer language.

Those students who are declared criminal justice majors and who successfully complete a minimum of 40 hours with the New York Police Department Police Academy and a minimum of 135 contact hours while participating in the New York Police Department Police Cadet Program may enroll in CJ 4991 for three additional credits and will be awarded three credits and will be awarded three credits to satisfy the 12 elective credits requirements with approval from the Department Chairperson.

Updates to Cross-Listed Courses

HIS 2302/PSC 2312 will no longer be cross listed and will be listed only as **HIS 2302**

HIS 2308/PSC 2310 will no longer be cross listed and will be listed only as **HIS 2308**

HIS 2409/PSC 2409 will no longer be cross listed and will be listed only as **PSC 2409**

HIS 3415/PSC 3410 will no longer be cross listed and will be listed only as **PSC 3410**

HIS 3416/PSC 3411 will no longer be cross listed and will be listed only as **PSC 3411**

HIS 2101-2199/PSC 2101-2199 will no longer be cross listed, when offered, will be designated as either **HIS** or **PSC** but not both.

Updates to Courses of Instruction

AED 301 Methods and Strategies of Secondary Education

[Updated Prerequisites] An analysis of methodology and procedures used for organizing and implementing instruction in the junior and senior high school classroom. Focus on adolescent psychology and various aspects of the learning process, including motivation, learning styles, individual needs, and group process. Prerequisites: ED 201 and ED 202. 3 credits. Offered as needed; day.

BL 2201 Women and the Law

[Updated Course Number] This course examines specific legal issues as they relate to women in the areas of employment; segregation by gender in education and athletics; health, marriage and reproductive rights; violence against women; treatment of women in the criminal justice systems; and sex equality under international law. 3 credits. Offered as needed.

BL 2301 The Law of Death and Dying

[New Course] This course examines legal instruments designed to facilitate the care of person and property during life, such as powers of attorney, health care proxies and living wills; legal and ethical questions raised by end-of-life issues, including national and state laws of resuscitation, assisted suicide, stem-cell research, organ donation and medical marijuana; and estate planning instruments such as wills and trusts. 3 credits. Minimester. [Spring Semester].

BUS 5401-01 Contemporary Business Issues: Sustainable Development (Honors)

[New Course] Contemporary Business Issues is the cover title for Honors courses with a business focus or theme. The theme that will be addressed will be multidisciplinary in nature and of topical interest. Suggested themes include, but are not limited to: Sustainable Development; Business and Culture; Business and the Environment; Reconciling Nationalism and Globalization. Sustainable Development discusses how the disciplines of economics, political science, management, biology, geography, culture and history are comingled in the subject of how all humans can improve their standard of living without exceeding the earth's ability to sustain that standard of living; hence, sustainable development. Open to Honor Students only. 3 credits. Offered as needed.

CED 303 Effective Teaching Methods/Strategies

[Updated Prerequisites] First course in the professional sequence. Focuses on the learning process and the application of strategies that promote students' active involvement in learning, addressing NY State and NY City standards across the curriculum. Knowledge of computer applications required. This course includes 15 hours of field experience. Prerequisite: A grade of B or higher in ED 201 and ED 202. 3 credits. Every semester; day and evening.

CHE 4050 Instrumental Methods of Analysis

Theory and laboratory work in spectroscopy, absorption, and emission; electroanalytical chemistry and chromatography as they apply to analytical chemistry. Prerequisites: CHE 2050 and CHE 4001. Two lecture hours per week. 3 credits. Offered as needed; day.

COM 1000 Fundamentals of Speech

[Renumbered from **COM 203**] An introductory course teaching phonetics, basic diction, and the practice of extemporaneous speaking. COM 1000 is organized according to purpose, such as speaking to persuade, inform, or entertain. Students receive an analysis and correction of individual speech problems. 3 credits. Every semester; day and evening.

COM 2000 Mass Communications

[Renumbered from **COM 304**] An introductory keystone course, COM 2000 surveys electronic and print media in America, including radio, television, cable, commercial filmmaking, newspapers, and magazines. The course examines the history of mass communication forms, their economic and social functions, along with current controversies surrounding them. Prerequisite: COM 1000. 3 credits. Every semester; day and evening.

COM 2010 Voice and Diction

[Renumbered from **COM 205**] An intermediate course studying speech production, COM 2010 is designed to improve voice and diction and specific speech areas such as proper breathing, voice production, tone, articulation, and foreign accents. The International Phonetic Alphabet is studied and utilized in this course. Strongly recommended for those wishing to eliminate a dialect. Prerequisite: COM 1000. 3 credits. Offered as needed; day and evening.

COM 2020 The Oral Tradition

[Renamed and Renumbered from **COM 301 Oral Interpretation**] An intermediate course aimed at public presentation and speech performance, COM 2020 selects prose, poetry, and plays to analyze and prepare for delivery. The objective of the course is to broaden communication skills by teaching students to comprehend and interpret forms of literature for purposes of effectively communicating them in oral presentations. Prerequisite: COM 1000. 3 credits. Every semester; day, evening as needed.

COM 2040 Interpersonal Communications

[Renumbered from **COM 303**] An intermediate course, COM 2040 introduces basic principles of interpersonal communication. The course presents both a theoretical perspective and a practical application of the concepts through student activities and exercises. Areas of investigation include communication theory, communication models, perception, language, communication breakdowns, non-verbal communication, self-concept, social roles, listening, and conflict management. Prerequisite: COM 1000. 3 credits. Every semester; day and evening.

COM 2050 The Group Process

[Renamed and Renumbered from **COM 503 Small Group Discussion**] An intermediate course, COM 2050 examines the dynamics of small group communication theory and process in actual day-to-day small group experiences. The course focuses primarily on problem-solving groups using the case-study approach. Areas of exploration include leadership, participation, roles, norms, conflicts, cohesiveness, consensus, productivity, member satisfaction, group formats, problem-solving agenda systems, and group discussion techniques. Prerequisite: COM 1000. 3 credits. Fall semester; day, evening as needed.

COM 2100 Acting I: Voice and Movement

[Renamed and Renumbered from **COM 404 Acting I**] An intermediate course, Acting I introduces students to the basic techniques and theories of acting. Students perform exercises in the fundamentals of voice, movement, and concentration. Performance of contemporary dramatic scenes provides students with the opportunity to practice scene and character analysis. Prerequisite: COM 1000. 3 credits. Every semester; day, evening as needed.

COM 2110 Acting II: Scene Study

[Renamed and Renumbered from **COM 407 Acting II**] An advanced course, *Acting II* introduces various acting techniques employed in theater, television, and film. Contemporary scenes are videotaped and played for discussion and analysis. Scenes from classic dramatic literature are also performed, directed, and evaluated. Conducted as a workshop. Prerequisite: COM 2100. 3 credits. Spring semester; day, evening as needed.

COM 3000 Topics in Mass Communication

[Renumbered from **COM 309**] An advanced intermediate course, COM 3000 continues the examination of issues begun in COM 2000, investigating selected problems and controversies in the contemporary mass media from the perspective of practitioners. Topics include censorship and legal issues, the artistic strategies of popular cultural forms, and new technologies and opportunities in the electronic media. Prerequisite: COM 2000. 3 credits. Every semester; day and evening.

COM 3100 History of Film

[Renumbered from **COM 305**] An intermediate course, *History of Film* surveys major film styles, directors, and movements in international cinema from 1890 to the present. The basic techniques of filmmaking are explored, as are the fundamental topics in film theory and criticism. Prerequisite: COM 2000. 3 credits. Fall semester; day and evening.

COM 3110 Studies in Film

[Renumbered from COM 306] An intermediate course, *Studies in Film* considers selected topics, filmmakers, and film genres in cinema history, emphasizing the techniques employed that are specific to film and the contribution of film directors, writers, and cinematographers to their developing art. Prerequisite: COM 2000. 3 credits. Spring semester; day and evening.

COM 3120 History of Television

[Renumbered from COM 560] An advanced course that traces the development of broadcast television from inception to today's entertainment. A survey of television's favorite genres, creative highpoints, and most memorable celebrities. Intended for advertising- and broadcast-track students. Prerequisite: COM 2000. 3 credits. Spring semester; evening.

COM 3130 Modern Radio

[Renumbered from COM 570] An advanced course that introduces the art and business of radio broadcasting for broadcast and advertising students, COM 3130 offers a contemporary approach to today's media with exploration of radio's audiences, sponsors, and societal impact. Prerequisite: COM 2000. 3 credits. Spring semester; evening.

COM 3200 News Writing

[Renumbered from COM 310] An intermediate course, COM 3200 introduces students to the rudiments of journalism. Students are taught the fundamentals of reporting and writing the news for today's print and broadcast media. While emphasis falls on fact gathering, interviewing, and writing techniques, special attention is also paid to copy editing, developing the body of a story, handling breaking news stories, and covering beats. This course requires extensive writing and familiarity with mass communication theory. Prerequisites: WRI 1100 and COM 2000 or COM 3400. 3 credits. Fall semester; day.

COM 3210 Broadcast News Writing

[Renumbered from COM 311] An introduction to the fundamentals of reporting and writing news and human interest stories for broadcast media. Students learn the essentials of fact gathering, interviewing, and meeting deadlines while also being instructed in broadcast formats, technology, and presentation. Prerequisites: WRI 1100 and COM 2000. 3 Credits. Offered as needed.

COM 3220 Sports Writing

[Renumbered from COM 312] An intermediate course, COM 3220 introduces students to all aspects of a career in sports writing. Writing covers the basic rewrites to event stories to human interest stories to personal columns. Students learn how to cover press conferences dealing with breaking news as well as media days that deal with opening of a particular season or a post-season tournament. Editing copy and page layout are other topics covered. Prerequisite: WRI 1100. 3 credits. Offered as needed.

COM 3300 Television Studio Production

[Renumbered from COM 308] An intermediate course, COM 3300 introduces students to the importance of radio and television directing and camera work, floor supervision, audio operation, and control room operation. Students produce several television segments such as news, commercials, and dramatic programs in this hands-on course open to limited numbers. Prerequisite: COM 2000. Lab fee. 3 credits. Every semester; day.

COM 3400 Persuasion

[Renumbered from COM 302] An intermediate keystone course, COM 3400 studies classic and current persuasive theory as applied to advertising, public relations, law, politics, and media campaigns. This course emphasizes analysis of messages and their rhetorical and psychological structure, while also teaching tactics and strategies through applied example. Uses and abuses of persuasive methods are considered as well as the impact of media developments on modern communications and traditional thought processes. Prerequisite: COM 1000. 3 credits. Every semester; day and evening.

COM 3410 Advertising

[Renumbered from COM 307] An advanced intermediate course, COM 3410 surveys advertising techniques and functions. The course stresses the development of an advertising plan: copywriting, media planning, campaign development, and strategy. Strong emphasis is placed on the analysis of TV, radio, and print commercials. The relationship among budgetary, creative, and planning functions is investigated, as is advertising's impact on popular thought and culture. Prerequisite: COM 2000 or COM 3400. 3 credits. Every semester; day and evening.

COM 3600 Communications and the Law

[Renumbered from COM 550] An advanced course that explores the relationship of communications issues to legal proceedings and theory. While First Amendment issues are addressed, attention is also given to the relationship of the press to the courts, television to the courts, and the impact of mass communication technology on matters of justice and due process. Prerequisite: COM 2000. 3 credits. Fall semester; day.

COM 4100 Film Criticism

[Renumbered from COM 403] An advanced course, COM 4100 teaches film analysis and writing, examining the relationship among film theory, criticism, and production. Emphasis is placed on close analysis of specific films and examples of film literature. Students write several critical essays on films seen both inside and outside of class. Prerequisites: COM 2000, COM 3100 or COM 3110. 3 credits. Fall semester; day. Evening as needed.

COM 4200 Writing for Performance

[Renumbered from COM 410] An intermediate survey of the writing techniques and skills for theater, film, and television. Students study format, characterization, scene construction, dialogue, narrative, and basic structure of those media. The course includes analysis of plays, screenplays, documentaries, industrials, and commercials. Student scripts are read and analyzed. Prerequisite: WRI 1100. 3 credits. Every semester; day and evening.

COM 4300 Basic Film and Video Production

[Renumbered from COM 401] An intermediate production course, COM 4300 is an introduction to digital moviemaking. Students produce several individual projects, mastering skills of scriptwriting, storyboarding, cinematography, digital editing image and sound. Prerequisites: COM 2000 and COM 3100 or COM 3110. Lab Fee. 3 Credits. Every semester, day. Evening as needed.

COM 4310 Advanced TV Studio Production

[Renumbered from COM 412] This course is designed to give students more advanced television programs than covered in basic. It provides students the chance to work in production teams to achieve their goals. In class, the student will be required to produce and direct a full television show from the pre-production stage (development) through the production stage (the actual taping of the show) and post-production stage (packaging of the show). This class will also give students the opportunity to develop sample reels essential for their portfolios. Prerequisite: COM 3300. 3 credits. Every semester, day. Evening as needed.

COM 4320 Advanced Film and Video Production

[Renumbered from COM 402] An advanced course, COM 4320 teaches digital moviemaking emphasizing the application of more complex production and post-production techniques in both dramatic and documentary projects. Prerequisite: COM 2000 and COM 3100 or COM 3110 and COM 4300. Lab fee. 3 credits. Spring semester; day.

COM 4330 Directing

[Renumbered from COM 409] An advanced course, COM 4330 studies directing in film, radio, television, and theater. Students will collaborate on directing class projects such as commercials, fiction and television programs. Prerequisite: COM 4300. 3 credits. Offered ever Spring.

COM 4340 Documentary Film and Video Workshop

[Renumbered from COM 501] An advanced course in the special problems and techniques of documentary film and video production, covering areas of direction, script writing, pre-production, and the specific production and post-production skills used in a documentary. Students in the

course collaborate on several production projects as well as analyze examples of documentary formats in film and television. Prerequisite: COM 4300. Lab fee. 3 credits. Fall semester; day. Offered as needed.

COM 4350 Theater Production Workshop

[Renumbered from COM 505] An advanced course. Open to all students, COM 4350 is a theater production course designed for students in the speech and theater concentration. Students produce, direct, and perform in a series of scenes and/or plays that evolve into complete productions. The entire production process is supervised by the course instructor, but students are responsible for the creative process. When available, professional actors, writers, and directors participate in the workshop. The course meets once weekly. The completed production is open to the public in the last session. Prerequisite: COM 2100. 3 credits. Offered as needed; day, evening.

COM 4410 Creative Advertising

[Renumbered from COM 411] An advanced course teaching creative techniques used in print and electronic advertising. Emphasis falls on copywriting and design, using the latest desktop publishing, brochure, and website development methods. Students produce creative products to fit promotional specifications while learning how to integrate art and copy demands with marketing goals. Prerequisites: COM 2000, COM 3400, and COM 3410. 3 credits. Spring semester; day.

COM 4420 Public Relations in Modern Media

[Renumbered from COM 502] An advanced course designed specifically for communications majors. Introduces basic skills and creative techniques employed in the development of public relations campaigns. Special emphasis is placed on the creation of messages and the selection of media. Applications include the crafting of press releases, development of video and film releases, speech writing, and oral presentations. Examples examined are drawn from government, industry, and politics. The goal of the course is to present the public relations function against a backdrop of social dynamics and essential communication processes contributing to its effectiveness. Prerequisites: COM 3200, COM 3400, and COM 3410. 3 credits. Spring semester; day and evening.

COM 4600 Global Communications

[Renumbered from COM 405] An advanced course, COM 4600 is designed as a seminar embracing an interdisciplinary approach to global communications and international relations. Particular attention is paid to issues surrounding human rights and the debates over the right to communicate. Specific topics covered in the seminar include interethnic communication, interpersonal skills in a multicultural environment, intercultural and ethnic minority media relations, theories of global communications, and communication in war and conflict. The underlying thrust of the seminar is the necessity for an understanding of cultural differences and a critical approach to the structure and relations of the media from a global perspective. Prerequisite: COM 2000 and COM 3100 or COM 3110. 3 credits. Offered every Spring.

COM 4990 Field Experience

[Renumbered from COM 600] An advanced course open to majors with an overall 3.0 index and/or significant accomplishments in the field of communications. Students are encouraged to engage in field experience. Assignments depend on the availability of suitable programs. The instructor agrees to guide and evaluate the quality of work and research undertaken. Field experiences must relate to the area of communication in which the student has specialized. During an internship, students must maintain a comprehensive daily log of personal work activities and attend a series of seminars during the field experience period. Prerequisite: Chairperson's approval. Open only to Communications majors. 3 credits. Offered as needed.

COM 4995 Independent Study

[Renumbered from COM 500] An advanced course, COM 4995 requires a research project concentrating in one area of communications. A written and/or video and oral report is required at the end of the study. Conducted as a tutorial. Prerequisites: Communications major with junior or senior standing and a 3.0 index. 1-3 credits. Offered as needed; day and evening.

COM 4997 Senior Comprehensive-Tutorial

[Renamed and Renumbered from **COM 510 Senior Comprehensive**] COM 4997 is the tutorial version of COM 4998. "A capstone course. Required of all communication majors" before graduation and taken during the senior year, COM 4997 aims to evaluate the professional competence of the student. This course meets on a seminar basis several times during the semester and culminates in a student's individual thesis, report, performance, or project supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 Credits. Offered as needed.

COM 4998 Senior Comprehensive-Seminar

[Renamed and Renumbered from **COM 511 Seminar**] "A capstone course. Required of all communication majors" before graduation and taken during the senior year, COM 4998 aims to evaluate the professional competence of the student. This course meets on a seminar basis several times during the semester and culminates in a student's individual thesis, report, performance, or project supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 Credits. Offered as needed.

COM 5010 Movie Vision: Fiction and Film in American Cinema (Honors)

[Renumbered from COM 492] An advanced course, COM 5010 starts with four modern American literary masterpieces and examines the directorial process and writing art through which significant literature is transposed to the screen. In addition to analyzing literary models and film adaptations, this course seeks to instruct students in movie method and technology, with emphasis on the cultural roots of perspective and mise-en-scene. Tensions and compatibility between the verbal communication of the novelist and the iconic imagination of the director are studied as vital components of a critical approach to both film and literature. 3 credits. Offered as needed.

FA 1420 American Art

[Updated Prerequisites] This course focuses upon the major American painters, sculptors, and architects since the colonial era with emphasis on their artistic output and its relation to evolving American society and other forms of American culture such as literature and music. One of the essential issues of the course is to determine what, if anything is uniquely American about this art. An interdisciplinary approach is taken. Slide lectures, reading, and writing assignments are supplemented by field trips, guest lectures, and student presentations. The rich cultural heritage of New York City is extensively drawn upon. 3 credits. Every semester; day.

HIS 2308 Terrorism in History: Causes, Consequences, Containment

[Renamed from **HIS 2308 Terrorism**]An examination of the use of violence as a form of political behavior. Study of the origins of terror groups. Analysis of current trends and problems. Prerequisites: HIS 1201 or 15 college credits. 3 credits. Offered as needed.

HIS 3490 Famous Trails: Landmark Legal Cases in American History

[Renamed from **HIS 3490 Landmark Legal Cases that Illuminate American Culture, Colonial times to the Present**] Selected legal controversies from the Colonial era to the present are examined against its broader relationship American culture. Prerequisite: HIS 1201. 3 credits. Offered as needed.

ICS 5341 Latino Culture and Literature

[New Course] This course explores cultural and literary expressions of Latinos in the United States. It analyzes the artistic, cultural, social and economic impact of the immigrant experience and the incorporation of Latinos into United States society. Various genres will be studied from a social and cultural context: autobiographical essays, poetry, novels, stories, documentaries, film, music and art. Topics include: identity in relation to ethnicity, nationality and race and their impact on cultural expression; struggle for self-determination; class and gender struggle; and being bilingual/bicultural or living within a “margin”. Representative authors and artists to be studied: Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa and James de la Vega. Open to Honors Students only. 3 credits. Offered as needed.

INS 1022 Personal Insurance

[Updated Prerequisites] This course analyzes personal loss exposures and insurance coverage’s, including homeowners dwelling and contents, personal liability, inland marine, auto, life, health and government programs. The course will develop a concept of personal risk management and how insurance products can be used to reduce risk. Students will prepare for the INS 22 examination, which is one of four examinations necessary to earn an Associates in Insurance Services designation. 3 credits. Prerequisite: BUS 101. Offered as needed.

INS 1023 Commercial Insurance

[Updated Prerequisites] This course provides an overview of commercial insurance in general, and a more detailed description of the coverage’s in all of the major lines of commercial insurance. The course also will cover general contract provisions and highlight significant coverage’s, exclusions and conditions. The interrelationship of the provisions within the general commercial contract are explained. Students will prepare for the INS 23 examination, which is one of the four examinations necessary to earn an Associate in Insurance Services designation. 3 credits. Prerequisite: BUS 101. Offered as needed.

INS 1025 Insurance Services Management

[Updated Prerequisites] This course focuses on concepts of Continuous Improvement; Customer Orientation; Process Management; Process Improvement Model & Tools; Leadership; Teamwork; Organizational Structures; and Monitoring Processes. Students will prepare for the AIS 25 examination, which is one of the four examinations necessary to earn an Associate in Insurance Services designation. 3 credits. Prerequisite: BUS 101. Offered as needed.

LIT 2310 Epic: Poetry, Film, and Fiction

[New Course] This course studies elements of the epic from the Greek classical models of Homer’s *Iliad* and *Odyssey* and the Roman models of Virgil’s *Aeneid* and Ovid’s *Metamorphoses*. We will consider the epic film and the epic novel along with the original poems to see how the ancient poems inform our modern perception of heroic action and character. Looking at contemporary values and comparing them with classical values of nation and hero should help us to gain insights into our culture and other national cultures. Films might include: *Gone with the Wind*, *Ugetsu*, *Das Boot*, *Lord of the Rings*, *Unforgiven*. Fiction might include: *Blood Meridian*, *Madame Bovary*, *Death in Venice*, *Eugenie Grandet*, *Notes from the Underground*. Prerequisites: WRI 1100. 3 credits. Offered as needed.

LIT 5407 The Metaphors of Movement in Women’s Poetry

[New Course] Being able to move and being constrained from moving have always been important metaphors to women in America. Thus it comes as no surprise that motion is a recurring theme in women’s poetry in the 20th and 21st centuries. This course will examine how some contemporary American women poets present physical movement (*e.g.* walking, driving a car, riding a bicycle, dancing) in their poetry and what that motion – or the lack of it – says about the lives of women as experienced within their poems. Open to Honor Students only. 3 credits. Offered as needed.

MKT 203 Introduction to Travel and Tourism

[Formerly **AV 103 Introduction to Travel and Tourism**]This course provides the student with a basic knowledge of travel and its various purposes: business; educational; cultural; therapeutic; recreational; and family activities. The factors affecting demand and supply are studied in detail. The course concludes with the major elements of tourism: foundations of transportation/accommodations; business; and special activities that lure people to travel. Prerequisite: MKT 201. 3 credits. Offered as needed.

NUR 423 Nursing Leadership and Management

[Updated Prerequisites] The difference between leadership and management is explored within the context of the changing health care environment. Emphasis is placed on leadership and management theory within the managed care environment. Open to non-majors. 3 credits. Fall semester; evening.

PE 208 Kinesiology

[Updated Prerequisites] An introduction to the study of human movement. Subdisciplines of kinesiology will be introduced and will include but not be limited to, exercise physiology, sports psychology and biomechanics. Prerequisites: BIO 108, PE 301, ED 201 and ED202/PSY2230. 3 credits. Spring semester; day.

PE 209 Biomechanics

[Updated Prerequisites] An introduction to kinetic and kinematic principles applied to sports and human movement. Topics include the study of the structure and functions of the body using the principles of physics and engineering. Prerequisite: PE 208, BIO 108 ED 201 and ED202/PSY2230. 2 credits. Spring semester; day.

PE 301 History and Principles of Physical Education

[Updated Prerequisites] An introduction to the history of sport and Physical Education. National fitness standards as well as current trends and problems in physical education are analyzed and evaluated. Prerequisite: ED 201 and ED202/PSY2230 2 credits. Spring semester; day.

PE 302 Physical Education for Students with Special Needs

[Updated Prerequisites] Instructional strategies for including students with special needs in regular physical education. Implications of federal and state regulations for planning programs for students with special needs. Evaluation strategies for assessing motor performance and the role of physical activity in educational programs for these students. Familiarizes students with the variety of disabilities they may encounter in school settings. Field work required. Prerequisite: PE 208, PE 308, ED 201 and ED202/PSY2230. 3 credits. Spring semester; day.

PE 304 Organization and Administration of PE

[Updated Prerequisites] Emphasis on organization and administrative policies and procedures; purchase and care of equipment and supplies; public and professional relations; structural and functional aspects of a school program in physical education, athletics, and intramurals. Prerequisite: ED 201 and ED 202/PSY2230. 2 credits. Fall semester; day.

PE 305 Physiology of Exercise

[Updated Prerequisites] This course provides students with an overview of how physical training affects the human body. Topics include weight training, principles of training, as well as aerobic and anaerobic changes that occur from a training stimulus. Prerequisite: BIO 108, ED 201, and ED 202/PSY2230. 3 credits. Fall semester; day.

PE 308 Motor Learning

[Updated Prerequisites] An introduction to teaching and learning sport skills from a motor learning perspective. Open and closed loop information processing systems are used to describe and explain sports skill, reaction time, and motor skills. Theory and concepts learned will be applied to the everyday practical aspects of teaching and coaching sport. Prerequisites: ED 201, and ED202/PSY2230. 3 credits. Spring semester; day.

PE 316 Psychology of Sport

[Updated Prerequisites] An introduction to the psychological concepts of athletes, the social psychology of sports, and effective coaching techniques of athletic skills. Introduction to personality tests employed in the field; the effects of behavior on athletic performance. Prerequisites: ED 201, and ED202/PSY2230 and departmental approval. 3 credits. Spring semester; day.

PE 322 Introduction to Legal Issues

[Updated Prerequisites] Relates basic legal concepts to sport and physical education environments. Includes torts, contract law, constitutional law, negligence, and Title IX issues. Prerequisites: ED 201, and ED202/PSY2230. 3 credits. Fall semester; day.

PE 401 Curriculum and Methods of Instruction in PE K-12

[Updated Prerequisites] An in-depth look at curriculum models, instructional strategies, and teaching styles for physical education in grades K-12. Management, discipline, motivation, and professional development for the physical educator is discussed. Prerequisite: AED 301 or CED 303, ED 201, and ED202/PSY2230 and senior standing. 3 credits. Fall semester; day.

PE 402 Evaluation of Physical Education

[Updated Prerequisites] Methods and procedures used in the construction, administration, and interpretation of standardized testing in physical education; introduction to elementary statistical methods. Prerequisites: ED 201 and ED 202 and any Skills Activities course. 2 credits. Fall semester; day.

PE 3301 Basic Concepts in Physical Education

[New Course] This is a survey course designed to provide physical education students with an overview of the basic concepts and major areas that constitute knowledge and skills in physical education. The following four sub areas will be examined in detail: physical fitness and health, lifelong movement activities and sports, personal growth and development, and the physical education program. Prerequisites: advanced standing and department approval. 2 credits. Offered as needed, day.

PHI 5401 Plato and Neoplatonism (Honors)

[New Course] "Neoplatonism, a philosophical movement beginning with Plotinus, offers itself as an elucidation of "what Plato really meant" and a continuation of his thought. Along with Plato's philosophy itself, it has been profoundly influential on Western philosophy, mysticism, and literature. The two major sections of this seminar will be (a) a study of Plato, with particular attention given to the aspects of his thought emphasized by Neoplatonic thinkers; and (b) a study of Plotinus's philosophy in its triple dimension – as a reading of Plato, as a metaphysical system, and as a religious path. Since Neoplatonism did not immediately grow out of Plato, the seminar will examine more briefly, between these two sections, the key concepts of intervening philosophical systems that Neoplatonism either built itself against or incorporated (or both). The last section will be devoted to the later pagan Neoplatonists, and to the synthesis of Christian doctrine and Neoplatonic themes in two towering figures at the juncture of ancient and early-Medieval thought." Open to Honor Students only. 3 credits. Offered as needed.

REL 2206 Buddhism

[New Course] This course is an introduction to Buddhism taught in historical perspective. It begins with the life of the founder of Buddhism, Siddhartha Gautama, which is known to all Buddhists. It then covers the origins of Buddhism in India and the basic teachings of Buddhism. Following this it looks at the life of monks and the relation of the community of the monks to Buddhist laity, and also considers the practice of meditation and devotion to Buddhist relics. The course then studies the rise of Mahayana Buddhism, the second major movement in Buddhism, and the transmission of Buddhism to China and Japan, looking at the different schools of East Asian Buddhism, mainly Ch'an or Zen and Pure Land Buddhism. Esoteric Buddhism or Vajrayana as found in Tibetan culture will also be studied briefly. The course concludes with a discussion of the transmission of Buddhism to the West, especially America, and looks at issues for Buddhism in the modern world. 3 credits. Offered as needed

Updates to Administration

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Throughout the following section, the cross (†) represents employees who have received the President's Award for 15 years or more of service to the College

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Sagine Pierre, Administrative Assistant; B.A., SUNY at Oswego

Academic Support and Freshman Studies Center

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Cristine De Palo, Academic Advisement Counselor; B.A., St. Francis College
Mitchell Levenberg, Director of Academic Support Center; B.A., M.A., Queens College, CUNY
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Eric Malijan, Math Coordinator; The City College, CUNY

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Clive Beutick, Second Assistant Men's Basketball Coach; B.S., B.A. and M.S., Canisius
Brenda Milano, Head Coach, Women's Basketball; B.S., Wagner College
Sue Wicks, Assistant Women's Basketball Coach; B.S., Rutgers University
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Kyle Brown Head Track Coach, Coordinator of Champs/Life Skills Program, and Intramural Director
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Cheretta Robson, Senior Career Counselor; B.A., SUNY at Old Westbury

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Melissa Softy, Accounting Supervisor; B.S., St. Francis College

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Robert Turner, Development Data Systems Administrator; B.S.,
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