

Bryn Athyn College
2015-16 Course Bulletin

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**BRYN ATHYN COLLEGE CALENDAR FOR ACADEMIC YEAR 2015-2016:
ONE HUNDRED and THIRTY-NINTH ACADEMIC YEAR**

2015

June	8-19	Mon-Fri	MARS Summer Session
	8	Mon	Course registration for new students
July	6-10	Mon-Fri	Building Arts Intensive Workshop
	13-17	Mon-Fri	Building Arts Intensive Workshop
	20-24	Mon-Fri	Building Arts Intensive Workshop
August	14	Fri	Course registration for new students
	17	Mon	Faculty retreat
	18	Tues	Administration and Faculty meetings
	18-21	Tues-Fri	RA training
	22	nnSat	11:00 am – 4:00 pm: New Students (US and International) arrive on campus
	22-25	Sat-Tues	Orientation for new students
	23	Sun	12:00 pm - 5:00 pm: All returning students arrive on campus
	24	Mon	8:00 am - 5:00 pm: Open advising period for all students
	28	Tues	7:00 pm: President's Welcome (dessert) for all students (Glencairn)
	26	Wed	8:00 am: Fall Term classes begin
September	7	Mon	Labor Day holiday
October	9	Fri	Charter Day
	26-4	Mon-Wed	Registration for Winter Term
November	6	Fri	Fall Term classes end
	9	Mon	Reading day
	10	Tue	Exams begin
	13	Fri	Fall Term ends after exams
	26	Thu	Thanksgiving holiday
	29	Sun	Resident students return
	30	Mon	Winter Term classes begin
December	18	Fri	Christmas vacation begins following afternoon classes

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January	1	Fri	New Year's Day holiday
	3	Sun	Resident students return
	4	Mon	Classes resume
	18	Mon	Martin Luther King, Jr., regular class schedule
	25-3	Mon-Wed	Registration for Spring Term
	29	Fri	Swedenborg's birthday, regular class schedule
February	15	Mon	President's Day -regular class schedule
	19	Fri	Winter Term classes end
	22	Mon	Exams begin
	25	Thur	Winter Term ends after exams
March	8	Tues	Resident students return
	9	Wed	Spring Term classes begin
	23-25	Wed-Fri	Phase I Registration
	28	Mon	Easter Monday holiday
April	11-15	Mon-Fri	Phase II Registration
	25-29	Mon-Fri	Phase II Registration
May	18	Wed	Spring Term classes end
	19	Thurs	Reading day
	20	Fri	Exams begin
	25	Wed	Last day of exams
	27	Fri	6:30 pm: Graduation Dinner (Brickman Center)
	28	Sat	10:00 am: Graduation (Asplundh Field House)
June	2	Thurs	End of Year Faculty Meeting and End of Year Faculty and Staff Gathering

Fall Term 2015-16 Undergraduate Course List

As of 8/20/15. (Independent Study and Internship courses not listed).

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
7	Ant/His211	Artifacts, Archaeology, and Museums	3	W. Closterman
3	Bio122*_0	Introduction to Biology: Genetics and Evolution	4	A.F. Bryntesson
2	Bio122*_1	Introduction to Biology: Genetics and Evolution	4	A.F. Bryntesson
5	Bio124	Introductory Biology for Nursing Students	3	A.F. Bryntesson
1	Bio490*	Biology Seminar I	1	E. Higgins
11	Bus141_0	Accounting I	3	J. Tepper
2	Bus141_1	Accounting I	3	E. King
12	Bus/Wrt220	Business Communication	3	E. Rogers
11	Bus305	Business Seminar	1	E. King
9	Bus351	Introduction to Business Law	3	B. Buick
5	Chem210*	Organic Chemistry I	4	E. Higgins
6	Comm105/205*+	Public Speaking	3	S. Bernhardt
7	CSci105	Introduction to Computer Systems	3	N. Simonetti
8	Dan131/231+	Modern Contemporary Dance	1.5	J. Bostock
11	Dan160/260/360+	Dance Ensemble	1.5	J. Bostock
5	Dan240*	Creative Movement and the Young Child	1.5	J. Bostock
11	Econ131	Macroeconomics	3	S. Kalman
5	Econ132	Microeconomics	3	E. King
4	Ed128*	Introduction to the Theory and Practice of Education	3	A. Rose
1	Ed271*	Introduction to Early Childhood Education	3	N. Phillips
4	Ed322*	Social Studies and the Young Child	3	N. Phillips
23	Ed331*	Seminar in Planning, Management, and Assessment	1.5	A. Rose
Special	Ed402	Student Teaching	12	S. Wong
3	Eng220	English Literature Survey I	3	R. Cooper
4	EnSci105*_0	Introduction to Sustainability	4	E. Potapov
4	EnSci105*_1	Introduction to Sustainability	4	E. Potapov
6	FA125*	Photography	3	C. Orthwein
9	FA128/228+*-0	Stained Glass Painting	3	J.K. Leap
12	FA128/228+*_1	Stained Glass Painting	3	J.K. Leap
7	FE1*	Field Experience I: Observation	3	N. Phillips
23	FYS101	First Year Seminar	1	L. Nash

3	Geog110	World Regional Geography	3	A. Yardumian
2	Germ101	Introductory German I	3	S. Lawing
4	Hist115	The Medieval World	3	S. Lawing
9	Hist305	Topics in History: The Creation of Democracy: Athens and America	3	W. Closterman
8	Hist298G	Glencairn Museum Internship	1	A. Yardumian
6	HSoc401*	Capstone Seminar 1	3	A. Yardumian
5	ID493*_0	Senior Literature Review	2	S. Gardam
5	ID493*_1	Senior Literature Review	2	K. King
5	ID494*	Senior Seminar I	1	D. Synnestvedt
Special	ID495	Senior Essay	3	K. King
Special	ID496	Senior Seminar II	1	L. Nash
5	Math101_0	Introduction to Quantitative Reasoning	3	M. Genzlinger
4	Math101_1	Introduction to Quantitative Reasoning	3	N.Simonetti
3	Math101_2	Introduction to Quantitative Reasoning	3	M. Genzlinger
2	Math130*_0	Introduction to Statistics	4	C. Bongers
2	Math130*_1	Introduction to Statistics	4	C. Bongers
3	Math150*	Calculus I	4	C. Bongers
6	Math360	Advanced Calculus	3	N. Simonetti
Special	Mus113*	Music Theory I	3	G. Bier
1	PE129	Badminton	1	H. Bryntesson
4	Phil102	Introduction to Philosophy	3	D. Synnestvedt
8	Phil/PS220	Political Thought	3	D. Synnestvedt
2	PSci211	Comparative Government	3	D.G. Rose
7	Psyc101	Introductory Psychology	3	K. Rogers
9	Psyc205	Social Psychology	3	E. Hyatt
11	Psyc490	Research Methods in Psychology	3	F. Cavallo
1	Rel101_0	Introduction to New Church Doctrines	3	T. Glenn
8	Rel101_1	Introduction to New Church Doctrines	3	R. Silverman
2	Rel101_2	Introduction to New Church Doctrines	3	G. Schnarr
3	Rel101_3	Introduction to New Church Doctrines	3	G. Schnarr
5	Rel101_4	Introduction to New Church Doctrines	3	G. Schnarr
1	Rel110	Introduction to Systematic Theology	3	S. Frazier
5	Rel220	The Torah	3	S. Frazier
12	Rel272	Advanced Religious Ethics	3	R. Silverman

1	Rel283	Pre-Christian Church History	3	S. Cole
6	Rel320	Judgment, Providence, and Human Society	3	S. Frazier
4	Rel380	History of New Church Doctrine	3	S. Cole
23	Span101	Introductory Spanish I	3	J. Lynch
8	Span201	Intermediate Spanish I	3	J. Lynch
6	SpEd313*	Collaboration and Best Practice	3	S. Wong
8	Thea120	Set Design and Production	3	N. Haus-Roth
3	Writ100	Academic Writing	3	M. Pendergrass
3	Writ101_0	Expository Writing	3	M. Latta
4	Writ101_1	Expository Writing	3	M. Latta
5	Writ101_2	Expository Writing	3	M. Latta
5	Writ202_0	Writing About Literature	3	R. Cooper
3	Writ202_1	Writing About Literature	3	C. Hoffman
8	Writ213	Advanced Rhetoric and Composition	3	T. Glenn

+ This course is offered on multiple levels. All students must register on the 100 level. During the add period (first week of classes) your instructor will work with you to take the course on the appropriate level. Putting yourself on the waitlist for the upper levels of this course will not aid in your course registration.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

*This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations

Fall Term 2015-16 Undergraduate Courses

Anthropology

Anthropology/History 211. Artifacts, Archaeology, and Museums. (W)

Introduction to the theories and methods used to interpret how objects provide evidence for history and express a society's values, ideas, and attitudes. Includes examination of archaeological method and ethics, and the use of objects in a museum setting. Use of hands-on projects and visits to Bryn Athyn's historical district and other local sites.

3 Credits.

Biology

Biology 122. Introduction to Biology: Genetics and Evolution.

Introduction to principles of genetics and evolution; one of a two-course gateway series that is required for prospective biology majors. Includes Mendelian and non-Mendelian inheritance, quantitative genetics, evolution, natural selection, genetic drift, kin selection, speciation, molecular evolution, and phylogenetic analysis. Course concludes with a survey of the Kingdoms of life. Lab included.

4 Credits.

Biology 124. Introductory Biology for Nursing Students.

Introductory biology course for students accepted into the nursing program. The course provides an introduction to cell biology focusing on the structure and function of the plasma membrane and cellular organelles, the fundamentals of Mendelian and non-Mendelian inheritance, and the structure and function of the genetic material DNA, with an emphasis on the genetic code and how it is expressed into RNA and protein.

3 Credits.

Biology 490. Biology Seminar I.

Broadened exposure to active areas of biology and reading current literature. Students encouraged to read and present reviews of current literature related to their senior projects. Required of seniors in the biology major and open to seniors in the ID major who are studying biology.

1 Credit.

Business

Business 141. Accounting I.

Introduction to basic financial accounting principles, the accounting cycle, the preparation of financial statements, and the use of computer spreadsheets.

3 Credits.

Business/Writing 220. Business Communications. (W)

Business Communications is a workplace-oriented course designed to help students develop and refine the written and oral skills necessary to communicate effectively in professional settings. Students will review the purpose and style of business writing and complete a variety of focused writing exercises based on actual work settings and scenarios. Students will also plan, compose and analyze letters, memoranda and electronic messages; prepare and present brief oral presentations, collaborate with others and revise business communication.

3 Credits.

Business 305. Business Seminar.

A seminar course featuring speakers from a variety of professional backgrounds. Students will be expected to interview and introduce these speakers, and lead follow-up discussions on the material they present. May be repeated for credit.

1.5 Credits.

Business 298, 398, 498. Business Internship. (EE)

Proposals must be approved by Internship Director. Students may apply for Bus 298 or 398 after at least two 200 or 300 level business courses. Internships are encouraged to be in the student's field of ID study and their capstone paper.

Credits and requirements variable.

Business 351. Introduction to Business Law.

Legal enforcement of obligations and the function of law in modern business. The establishment and enforcement of contractual obligations. The establishment of an agency relationship and its effect on third parties.

3 Credits.

Chemistry

Chemistry 210. Organic Chemistry I.

Second year chemistry course for science majors. Topics include molecular orbital and hybrid orbital theory and bonding, chemical energetics, alkanes, alkenes, halo alkanes, alcohols, alkynes, dienes, stereochemistry, and classes of reactions and reaction mechanisms. Laboratory includes basic techniques in organic chemistry and computer based molecular modeling. First half of sequence with Chemistry 211. Prerequisite: Chemistry 111.

Laboratory included.

4 Credits.

Communication

Communication 105/205. Public Speaking. (PP)

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.

3 Credits.

Computer Science

Computer Science 105. Introduction to Computer Systems.

Discussion of how computers and networks work; introduction to web page construction, including simple JavaScript programming; introduction to database design and queries.

3 Credits.

Dance

Dance 131/231. Modern Contemporary Dance. (EEC)

Beginner (Dance 131) and Intermediate (Dance 231) course in contemporary modern dance. Students develop technique and body awareness, and deeper understanding of modern dance and its place in the art world. Explore the diversity and commonality of human experience and values through the medium of dance. Includes choreography projects and culminates in a public performance at the Fall Dance Concert. Course may be repeated once for credit. Prerequisite for Dance 231: Dance 131 or instructor's permission. Also serves as a PE course.

1.5 Credits.

Dance 160/260/360. Dance Ensemble. (EEC)

A dance repertory course for the performing artist. Rehearsing and performing pieces choreographed by faculty and guest artists. Styles may include contemporary, jazz, hip-hop, ballet, and/or tap. Each student will be involved in several different pieces of choreography. Course culminates in public performance. Dance 260 includes collaboration on a choreography project or a solo choreography project. Dance 360 involves choreographing and teaching a group piece of choreography to the class to be performed at the end of term concert. Course may be repeated for credit.

1.5 Credits.

Dance 240. Creative Movement and the Young Child.

This course will explore ways in which children develop through creative movement activities based on developmentally appropriate practice. Special emphasis will be placed on integrating creative movement with other learning activities. Students will have the opportunity to work on projects that incorporate creative movement with their own areas of interest as potential teachers/caregivers. Students will also explore multicultural elements of dance and movement.

1.5 Credits.

Economics

Economics 131. Macroeconomics. (QR)

Study of the fundamentals of economic analysis with emphasis upon national output, employment, and price levels. Exploration of the monetary and financial system together with problems of economic stability. Special attention given to the role of government fiscal and monetary policy in managing the economy. Consideration of current issues such as economic growth, federal budget deficits, and the role of the Federal Reserve Bank. Course includes student-led seminars.

3 Credits.

Economics 132. Microeconomics. (QR)

Study of the fundamentals of economic analysis with particular emphasis upon consumer demand behavior and the output and pricing decisions of business firms under various market structures. Special attention given to the role of ethics in the behavior of business executives and consumers. Consideration of current issues such as health care, energy policy, and government intervention in the market. Course includes student-led seminars and group projects.

3 Credits.

Education

Education 128. Introduction to the Theory and Practice of Education. (PP)

Aspects of a career in teaching are explored. Topics include: teaching as a profession, educational philosophies, and best practices in classroom instruction. Students are required to observe in either a preschool, elementary, or secondary school New Church classroom and participate in at least three field trips to other schools. Opportunities to develop presentation and storytelling skills.

3 Credits.

Education 271. Introduction to Early Childhood Education.

Develop basic knowledge, skills and dispositions in preparing students to teach in early childhood classrooms. Teaching young children from a background of New Church spiritual philosophy, major theories and cultural perspectives.

Emphasis on DAP (developmentally appropriate practice); integration of learning goals with children's play; diversity in the classroom; and the process of building a collaborative model with family and community. .

3 Credits.

Education 322. Social Studies and the Young Child.

Emphasis on the skills and attitudes taught within social studies and developed in early childhood programs. Special attention to state standards as well as New Church competencies through the study of units, multicultural experiences, and the methods and materials for teaching social studies. Open only to 3rd year students. Prerequisites: Education 128 or 271.

3 Credits.

Education 331. Seminar in Planning, Management and Assessment.

Examination of what it means to lead and manage a differentiated classroom. Builds on concurrent field experiences to help students learn how to create and modify environments and experiences to meet the individual needs of all children. Emphasis on classroom management and assessment-driven instruction. Prerequisites: Education 128 or 271. 1.5 Credits.

Education 402. Student Teaching. (EE)

For students not pursuing Pennsylvania State Certification. Includes at least 12 weeks of combined observation and teaching in an elementary classroom setting, supervised by a teacher from Bryn Athyn College Early Childhood Education Department and by a classroom teacher in the cooperating school. Offered when required. Open only to seniors in the education major. 3-12 Credits.

Field Experience I: Observation.

Field experience (FE) where students are observers in specific classrooms. Students will be assigned to a classroom for guided observation experience that directly relates to course work during the third year. Open to non-majors with permission from department chair. 3 Credits.

English

English 220. English Literature Survey I.

Chronological overview of the development of English literature in England from the early medieval period through the civil war (mid 17th century). Lecture and discussion on such authors as Chaucer, Shakespeare, John Donne, Ben Jonson, and more. One student report and one research paper. Prerequisite: Writing 101. 3 Credits.

Environmental Science

Environmental Science 105. Introduction to Sustainability.

Introductory cross-disciplinary study of the principles of sustainability in the modern world. Topics include: the limits to economic growth, demography and its constraints on economics, ecological implications of human population growth, limits of energy consumption and production, and ecological principles in the modern world. Laboratory included. 4 Credits.

Experiential Education

First Year Seminar 101.

This seminar is an interactive class promoting engagement in the curricular and co-curricular life of the college. It serves to position students for success at Bryn Athyn College through advancing academic preparedness and social integration. Students who complete this course successfully will be able to make informed and appropriate academic plans and social choices. All fall term first year students are required to take this course. 1 Credit.

Experiential Education 198/298. Internship. (EE)

The internship course is open to students with a 2.7 GPA or above. It is a supervised, pre professional experience with clear links to a student's academic program. It is conducted primarily or totally outside a regular course classroom, and for which a student earns academic credit. It is organized primarily around an assignment in a work-place situation in which students working under the direction of a supervisor learn hands-on professional skills.

The internship course requires a learning plan, reflective component, and an analytical component (e.g., essay, paper, or presentation). Individual learning plans are retained in the office of Internship. This course satisfies the EE requirement.

Course may be repeated for academic credit by arrangement.
Credit variable.

Fine Arts

*Fine Arts 125. Photography.

Introduction to the use of various cameras, darkroom techniques, alternative processing, and basic design.
3 Credits.

Fine Arts 128/228. Stained Glass Painting.

Introduction to traditional and innovative techniques in glass painting. Inspired by the magnificent examples in Glencairn and Bryn Athyn Cathedral.
3 Credits.

Geography

Geography 110. World Regional Geography.

Study of world regions with emphasis on the geographic relationships—physical and cultural—that give them their character. Emphasizes the political and cultural formations of human societies. Who lives where? Which languages are spoken where? How did the nations of the world arrive at their present borders? Why do some parts of the world see constant conflict; why are some regions of disputed ownership? Why are some places more developed than others? Focus on familiarity with map locations.
3 Credits.

German

German 101. Introductory German I.

Introduction to the German language for students without previous experience. Emphasis is placed on communication and the foundations of German grammar. German is the language of instruction.
3 Credits.

History

History 115. The Medieval World.

Historical survey of medieval Europe from the fall of Rome through the fourteenth century. Particular focus on religion and the role of the church throughout the middle ages. Use of primary texts and Glencairn Museum's collections. Students participate in Glencairn's Medieval Festival.
3 Credits.

Anthropology/History 211. Artifacts, Archaeology, and Museums. (W)

Introduction to the theories and methods used to interpret how objects provide evidence for history and express a society's values, ideas, and attitudes. Includes examination of archaeological method and ethics, and the use of objects in a museum setting. Use of hands-on projects and visits to Bryn Athyn's historical district and other local sites.
3 Credits.

History 305. Topics in History. The Creation of Democracy: Athens and America.

Students take part in two historical role-playing games informed by classic texts: the threshold of democracy in Athens, 403 B.C. and the American constitutional convention of 1787. Focus on developing skills—speaking, writing, critical thinking, problem solving, leadership, and teamwork—in order to prevail in elaborate and complicated simulations. Open to all students; first-year students require instructor permission.
3 Credits.

History 298, 398. History Internship II. (EE)

Proposals must be approved by the appropriate department chair. History internships are open to students in second year or above who have completed at least two history courses.
Credit variable.

Human Society

Human Society 401. Capstone Seminar.

Students in the Human Society major engage in focused research for their capstone projects. The seminar setting provides instruction in related skills and offers a forum for support and the exchange of ideas. As part of the seminar, each student examines in depth a specific New Church concept related to the student's capstone project. Each student also conducts a literature review related to the student's capstone project. Only open to Human Society majors.

Prerequisite: HSoc 301.

3 Credits.

Independent Studies

In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary: independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

Interdisciplinary Studies

Interdisciplinary Studies 493. Senior Literature Review.

ID 493 offers students general guidance in researching and reviewing the literature in the fields they have chosen, and in crafting a sound and interesting argument for their Senior Essay. Pass/Fail. Prerequisite: Interdisciplinary Studies 390.

2 Credits.

Interdisciplinary Studies 494. Senior Seminar I.

For seniors in the Interdisciplinary Major. Focus on applying Swedenborgian principles, such as duties of the individual to society, and critical analysis of ethics in various disciplines. Pass/Fail. Co-requisite or Prerequisite: Interdisciplinary Studies 390.

1 Credit.

Interdisciplinary Studies 495. Senior Essay. (IL, W)

Capstone experience for the interdisciplinary major. Research project culminating in the senior essay. Topic chosen by mutual agreement between student and supervisor. Limited to and required of interdisciplinary majors. Prerequisites: Interdisciplinary Studies 493 and Interdisciplinary Studies 494.

3 Credits.

Interdisciplinary Studies 496. Senior Seminar II.

For seniors in the Interdisciplinary Major. Public presentation of senior essay. Career planning and portfolio development. Pass/Fail. Prerequisite: C- or better in Interdisciplinary Studies 495.

1 Credit.

Mathematics

Mathematics 101. Introduction to Quantitative Reasoning. (QR)

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning, and financial topics.

3 Credits.

Mathematics 130. Introduction to Statistics. (QR)

Introduction to data analysis, random variables and their distributions, and statistical inference. Statistical software used for graphing and data analysis. Independent research project. Recommended for students of business or the social and natural sciences. Prerequisite: Mathematics 101 or appropriate score on placement test.

4 Credits.

Mathematics 150. Calculus I.

Limits, differentiation, maxima-minima, integration with applications, transcendental functions. Because of duplication of subject matter, students may not receive credit for both Mathematics 140 and Mathematics 150. Prerequisite: Mathematics 120 or Mathematics 125 or appropriate score on placement test.

4 Credits.

Mathematics 360. Advanced Calculus.

Formal definitions of limits, continuity, differentiation and integration. Prerequisites: Mathematics 151 and either Mathematics 230 or Computer Science/Mathematics 235.

3 Credits.

Music

Music 113. Music Theory I. (QR)

Study of music theory and harmony, progressing from basic notation to advanced musical structures. Includes styles from the 18th-20th centuries.

3 Credits.

Philosophy

Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.

3 Credits.

Philosophy/Political Science 220. Political Thought. (Civil)

A consideration of political thinkers and theories, both ancient and modern, along with perennial issues in politics, such as justice, authority, liberty, order, equality, power, law, and forms of government. Strongly recommended:

Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

Physical Education

Physical Education 129. Badminton.

Basic instruction in skill techniques, rules, strategies, and competition in badminton. Course may be repeated once for credit.

1 Credit.

Political Science

Political Science 211. Comparative Government. (Civil)

Introduction to the comparative study of the politics of nations. Examines the underlying principles, machinery, and effectiveness of selected governments around the world, and ramifications for their societies. Students may not receive credit for both Psci111 and Psci211.

3 Credits.

Philosophy/Political Science 220. Political Thought. (Civil)

A consideration of political thinkers and theories, both ancient and modern, along with perennial issues in politics, such as justice, authority, liberty, order, equality, power, law, and forms of government. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

Psychology

Psychology 101. Introductory Psychology.

Introduction to basic constructs of psychology including scientific methodology, the brain, consciousness, memory, identity, learning, motivation, intelligence, and the nature of mental illness. Relevant New Church doctrines analyzed and compared to secular theories of psychology.

3 Credits.

Psychology 205. Social Psychology. (PP)

Study of behavior and cognition in social contexts. Topics include aggression, altruism, influence, love, prejudice, and conformity. Swedenborgian concepts of love, charity, and obedience analyzed. Public Presentation skills emphasized. Prerequisite: Psychology 101 or instructor permission.

3 Credits.

Psychology 298, 398. Psychology Internship. (EE)

Proposals must be approved by the head of the Psychology area. Psychology internships are open to students in sophomore year or above who have completed two psychology courses. Requirements are available from director of internships.

Credit variable.

Psychology 490. Research Methods in Psychology.

First capstone course for the psychology major. The investigation of psychology as a science with a focus on the qualitative and quantitative approaches to research in the area of psychology. It examines strategies for establishing validity in descriptive, relational, and experimental design in the framework of ethical research. Emphasis will be placed on critical reading and analysis of previously published scientific research. Students receive practice in designing, conducting, analyzing, interpreting the results of research studies, and writing reports in APA style. Students prepare proposal for Senior Essay. Prerequisites: Psychology 101, Psychology 320, and Mathematics 130. Students must be accepted psychology majors.

3 Credits.

Religion

Religion 101. Introduction to New Church Doctrines. (Doctrinal)

Foundation course. Basic survey of the doctrines of the New Church. Presupposes little or no formal background in the study of the doctrines.

3 Credits.

Religion 110. Introduction to Systematic Theology. (Doctrinal)

A comprehensive overview of New Church doctrine. Emphasis on core doctrines of the Lord, faith and charity, the Word, the afterlife, the mind, Divine providence, judgment, and marriage. Presupposes a moderate familiarity with New Church teachings.

3 Credits.

Religion 220. The Torah. (Scriptural)

Detailed study of Genesis to Deuteronomy in their historical and cultural context. Discussion of translations, certain critical theories, and other related ideas. Treatment of the literal meaning in relation to its higher meanings and other doctrinal considerations.

3 Credits.

Religion 272. Advanced Religious Ethics. (Applied)

Advanced study of the Ten Commandments as they appear in the religious writings of Hinduism, Buddhism, Judaism, Christianity, Islam, and other world faiths. Study of the literal and spiritual level of each commandment using selected texts from sacred and secular sources. Students encouraged to draw connections between the various levels of the commandments and their own lives.

3 Credits.

Religion 283. Pre-Christian Religious History. (Comparative)

Survey of the history of pre-Christian religions emphasizing the rise, development, and fall of religions from ancient times to Biblical Israel. Topics include the character of revelation and the response to it in each successive religion, the origin of mankind, the origin of evil, and the rise of monogamy and polygamy, of monotheism and polytheism, and of idolatry in the ancient world.

3 Credits.

Religion 320. Judgment, Providence, and Human Society. (PP, Doctrinal, Applied)

Study of the spiritual process of judgment, both personal and societal, and the roles human choice and Divine Providence play in judgment. Attention given to the role of judgment in human history, the judgments that have occurred, and the changes judgment brings. The books of the Heavenly Doctrines Last Judgment and Continuation of the Last Judgment will be read in full.

3 Credits.

Religion 380. History of New Church Doctrine. (IL, Doctrinal)

Seminar in the development of doctrinal thought in the history of the New Church. Considerations of various and divergent interpretations. The evolution of ideas and their impact on the Church. Reflection on the intellectual heritage of the Church from an historical perspective. Extensive research in New Church collateral literature.

3 Credits.

Spanish

Spanish 101: Introductory Spanish I

Introduction to the Spanish language for students without previous experience. Emphasis is placed on communication and the foundations of Spanish grammar. Spanish is the language of instruction.

3 Credits.

Spanish 201: Intermediate Spanish I

Intermediate Spanish is designed to build upon a student's prior Spanish education. The course concentrates on four skills areas: listening, speaking, reading and writing, and is augmented by a wide array of cultural readings and film selections. The grammatical focus is the use of the preterite and imperfect verb tenses. Prerequisite:

Spanish 102 or equivalent as determined by placement test. Spanish is the language of instruction.

3 Credits.

Special Education

Special Education 313. Collaboration and Best Practice.

Builds on the foundation of creating a Universally Designed Learning environment, enriched with collaborative models and classroom management techniques to effectively instruct students with varying abilities and needs. Special attention to understanding to current best practices and research-based methodologies in providing a literacy-rich environment, making curricular adaptations, and using technology-based accommodations and modifications. Taken in conjunction with FE III. 3 Credits. Prerequisite: Special Education 211 or permission of Department Chair. 3 Credits.

Theater

Theater 120. Set Design and Production. (EE)

Hands-on introduction to scene design and production. Overview of the elements of scene design with emphasis on the process of designing a set. Research, sketching, drafting, model building, color application, and actual set construction within a budget. Students required to understand and use all of the equipment in the theater as it pertains to the design and will work with the play's director using the Mitchell Performing Arts Center as the classroom and will participate as a member of the run-crew for the winter Bryn Athyn College production. Final project involves the construction of the actual set. Course may be repeated once for credit. Credit variable.

Writing

Writing 100. Academic Writing.

Development of academic writing skills in preparation for Writing 101. Intensive grammar, spelling, and punctuation instruction and practice, in conjunction with an introduction to the structure and process of academic writing. Required only for provisionally admitted freshmen before advancement to Writing 101. 3 Credits.

Writing 101. Expository Writing. (W)

Development of informative, critical, and persuasive writing. Emphases on grammatical control, precision of language, consideration of audience, rhetorical strategies, revision, information literacy, and articulation, development, and support of thesis. Three to five formal essays total, including substantial revision. Individual conferences with instructor to discuss student's writing. Required of first year students. Non-native speakers of English take Writing 101 sophomore year. 3 Credits.

Writing 202. Writing About Literature. (W, IL)

Analytic study of literary genres—drama, short fiction, and poetry—with emphases on writing and research. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper and its research process require locating, evaluating, and incorporating multiple secondary sources. Individual conferences with instructor to discuss student's writing. Required of sophomores. Prerequisite: Writing 101. 3 Credits.

Writing 213. Advanced Rhetoric and Composition. (W)

Intensive study of writing for students interested in developing rhetorical skills in composition. Attention both to concepts of classical rhetoric and to issues arising in the context of contemporary cultural environments and communications practices. Prerequisite: Writing 101. 3 Credits.

Winter Term 2015-16 Undergraduate Course List

As of 8/20/15. (Independent Study and Internship courses not listed).

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
2	Anth320	Genocide	3	A. Yardumian
4	Bio123*_0	Introduction to Biology: Molecular Biology	4	A.F. Bryntesson
4	Bio123*_1	Introduction to Biology: Molecular Biology	4	A.F. Bryntesson
4	Bio225*	Ornithology	3	E. Potopov
2	Bio310	Molecular Biology: DNA and Gene Expression	3	A.F. Bryntesson
22	Bio495	Senior Project	3	E. Higgins & S. Evans
12	Bus142	Accounting II	3	C. Waltrich
11	Bus254	Principles of Marketing	3	Staff
1	Bus301	Business Ethics	3	E. King
5	Chem110*_0	General Chemistry I	4	E. Higgins
5	Chem110*_1	General Chemistry I	4	E. Higgins
3	Chem110*_2	General Chemistry I	4	E. Higgins
3	Chem110*_3	General Chemistry I	4	E. Higgins
1	Chem211*	Organic Chemistry II	4	E. Higgins
5	Comm105/205+_0	Public Speaking	3	S. Bernhardt
4	Comm105/205+_1	Public Speaking	3	S. Bernhardt
9	CSci180	Structured Programming	3	N. Simonetti
8	Dan332	Jazz Dance	1.5	J. Bostock
1	Ed272*	Childhood Development: Birth – Five Year Olds	3	A. Rose
4	Ed323*	Math and the Young Child	3	A. Rose
6	Ed333*	Seminar on Art and Creative Expression	1.5	A. Rose
8	Eng235	Shakespeare	3	K. King
7	Eng320	The English Language	3	T. Glenn
4	FA112/212	Medieval Art	3	M. Gyllenhaal
12	FA120/220+_0	Metal Work I	3	M. Gyllenhaal
6	FA120/220+_1	Metal Work I	3	M. Gyllenhaal
6	FA130/230+	Ceramics	3	C. Orthwein
9	FA141*	Building Arts Foundation	3	J.K. Leap
7	FE2*	Field Experience II: Exploration	3	N. Phillips
5	Geo110	World Regional Geography	3	A. Yardumian
4	Germ102	Introductory German II	3	S. Lawing

4	Grk110	Beginning New Testament Greek I	3	W. Closterman
2	Hist114	The Classical World	3	W. Closterman
2	Hist217	Nazi Germany	3	S. Lawing
8	Hist298G	Glencairn Museum Internship	3	A. Yardumian
24	HSoc402	Capstone Seminar II	3	S. Lawing
5	ID495*_0	Senior Essay	2	K. King
5	ID495*_1	Senior Essay	2	K. King
Special	ID496	Senior Seminar II	1	L. Nash
1	Lat110	Beginning Latin I	3	S. Frazier
2	Math101	Introduction to Quantitative Reasoning	3	M. Genzlinger
3	Math102	Understanding Mathematics	3	C. Bongers
3	Math115	College Algebra	3	M. Genzlinger
3	Math120*	Pre-Calculus	1	M. Genzlinger
3	Math151*	Calculus II	4	N. Simonetti
8	Math205	History of Mathematics	3	C. Bongers
9	Mus100	College Chorale	1	G. Bier
1	PE133	Yoga	1	A. Irwin
4	Phil101	Critical Thinking	3	D. Synnestvedt
2	Phil102_0	Introduction to Philosophy	3	D. Synnestvedt
1	Phil102_1	Introduction to Philosophy	3	M. Latta
3	Phil111	Introduction to Moral Philosophy	3	M. Latta
3	Phys180*	Principles of Physics	4	M. Blair
3	PSci101_0	Introduction to Politics and Governance	3	D.G. Rose
1	PSci101_1	Introduction to Politics and Governance	3	D.G. Rose
7	PSci232	Issues in American Foreign Policy	3	D.G. Rose
9	Psyc102	Worldviews and History of Psychology	3	S. Werner
8	Psyc203	Personality Theory	3	E. Hyatt
7	Psyc301	Counseling and Clinical Psychology	3	K. Rogers
11	Psyc305	Physiological Psychology	3	F. Cavallo
9	Psyc491	Senior Research Seminar	3	E. Hyatt
8	Rel101	Introduction to New Church Doctrines	3	R. Silverman
2	Rel123	Introduction to the Old and New Testaments	3	G. Schnarr
2	Rel125	The Holy Scripture	3	S. Cole
3	Rel205	God, Man, and Creation	3	S. Frazier
5	Rel225	Spiritual Interpretation of the Bible	3	G. Schnarr

6	Rel270	New Church Religious Practices	3	T. Glenn
12	Rel273W	Religion and Marriage	3	R. Silverman
9	Rel305	Universal Doctrines of the New Church I	3	S. Frazier
5	Rel335W	The Human Mind	3	S. Cole
4	Soc218	Topics in Sociology: Ethnicity and Race	3	J.W. Hogan
23	Span102*	Introductory Spanish II	3	J. Lynch
7	SpEd211	Introduction to Special Education	3	S. Wong
6	SpEd312*	Collaboration, Assessment, and Management	3	S. Wong
8	Thea130	Set Design and Production	3	N. Haus-Roth
12	Thea150	Dramatic Performance	3	J. Bostock
2	Writ100	Academic Writing	3	Staff
2	Writ101_0	Expository Writing	3	C. Hoffman
1	Writ101_1	Expository Writing	3	A. Nash
4	Writ202_0	Writing About Literature	3	R. Cooper
5	Writ202_1	Writing About Literature	3	R. Cooper

+This course is offered on multiple levels. All students must register on the 100 level.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

*This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations.

Winter Term 2015-16 Undergraduate Courses

Anthropology

Anthropology 320. Genocide.

Seminar course on genocides in the 20th century. Focuses primarily on the cases of Ottoman Armenia, The Holocaust, and Rwanda. Through primary and secondary literature, examines the cultural context, historical background and legal frameworks, denialist projects, and memorializations. Political and psychological ramifications in the descendant communities of victims and victimizers are considered, as well as reparation processes. Prerequisite: Anthropology 110 or any history class, or instructor permission.

3 Credits.

Biology

Biology 123. Introduction to Biology: Molecular Biology.

The second of a two-course gateway series that is required for prospective biology majors. Biological concepts are illustrated by means of molecular biology, from storage and maintenance of biological information necessary for life to its expression in the organism to diverse applications in health, medicine and food production. Topics include a general introduction to the cell and its components, cell division and the cell cycle, DNA structure and synthesis, chromosome structure and organization, mutations and their repair, genetic engineering, transcription and its regulation, the genetic code, and translation of genetic information to proteins. Lab included.

Prerequisite: Chemistry 101L or High School Chemistry.

4 Credits.

Biology 225. Ornithology.

The study of the morphology, physiology and ecology of diverse groups of birds. Includes classification, systematics and biogeography of bird taxa. Emphasis on how the study of birds aids in the understanding of fundamental biological concepts, such as evolution; and how adaptive radiation shapes form and function. Laboratory exercises and field trips introducing fundamental field techniques, especially those used in biodiversity surveys and experimental studies. Prerequisites: Biology 122 and 123. Laboratory included.

4 Credits.

Biology 310. Molecular Biology: DNA and Gene Expression.

In depth study on the structure and function of the genetic material, DNA, how it is replicated and how genes are regulated and expressed. Topics include the structure of DNA and chromosomes, DNA replication, DNA damage and repair, transcription, RNA splicing, translation, transcriptional regulation in prokaryotes and eukaryotes, and the structure and function of regulatory RNAs. Prerequisites: Biology 230 and Chemistry 210.

3 Credits.

Biology 495. Senior Project.

Independent research project or scholarly study under the supervision of faculty members. Topic chosen by mutual agreement between student and supervisor. Limited to and required of biology majors. Senior project proposals are required in the spring of junior year.

3 Credits.

Business

Business 142. Accounting II.

Interpretation of financial statements and the use of accounting information as a tool for making business management decisions. Use of computer spreadsheets emphasized. Prerequisite: Business 141.

3 Credits.

Business 254. Principles of Marketing.

Focus on customer behavior, promotion, channels of distribution, product, and pricing, with emphasis on formulating marketing plans and strategies in a global and culturally diverse environment.
3 Credits.

Business 298, 398, 498. Business Internship. (EE)

Proposals must be approved by Internship Director. Students may apply for Bus 298 or 398 after at least two 200 or 300 level business courses. Internships are encouraged to be in the student's field of ID study and their capstone paper.
Credits and requirements variable.

Business 301. Business Ethics. (Moral)

This capstone course and its associated project focus on the analysis of moral principles and their application to decision making in business. Includes an overview of philosophical and theological ethical theories, including New Church ethics. Major focus on the analysis of ethical concerns in actual case studies from business, involving issues such as down-sizing, whistle-blowing, competition vs. cooperation, and social responsibility.
3 Credits.

Chemistry

Chemistry 110. General Chemistry I.

First year chemistry course for science majors. Topics include atomic structure, quantum mechanics, electron configuration, chemical bonding, molecular geometry, and the periodic table, classifications of matter, stoichiometry, and reactions in solution, gases, and thermochemistry. First half of sequence with Chemistry 111. Prerequisite: One year of high school chemistry with a grade of C or better or Chemistry 101 or Earth Science 110. Laboratory included.
4 Credits.

Chemistry 211. Organic Chemistry II.

Continuation of Chemistry 210. Topics include spectrophotometric identification of organic compounds, arenes, esters, epoxides, aldehydes and ketones, carboxylic acids and acid derivatives, and condensation reactions. Emphasis on biological applications of organic chemistry. Laboratory includes synthetic techniques and computational chemistry. Prerequisite: Chemistry 210. Laboratory included.
4 Credits.

Communication

Communication 105. Public Speaking. (PP)

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.
3 Credits.

Communication 205. Intermediate Public Speaking (PP)

Advances student's ability to organize and deliver public presentations of varied kinds, using basic skills covered in Communication 105, but with introduction of more demanding professional techniques, more challenging assignments, and more fine-tuned cultivation of all skills. Some attention will also be given in this class to job interview skills. Prerequisite: Communication 105 with a grade of C or higher, or permission of the instructor.
3 Credits.

Computer Science

Computer Science 180. Structured Programming. (QR)

Language elements and applications. Algorithm development. Introduction to data structures. Prerequisite: Computer Science 105 or other programming experience with permission of instructor.
3 Credits.

Dance

Dance 332. Choreography & Composition. (EEC)

Focuses on the process of creating original dance compositions. Explores the elements necessary to dance composition, such as time, space, energy, form, design, and dynamics through improvisational exercises, the manipulation of movement, and the development of critical and analytical thinking. Students will write extensively throughout the course in the form of personal reflections, critical analysis of readings, and reviews of performances. Students will compose a solo piece of choreography, accompanied by a statement of purpose for their piece and a reflective essay on the process, which will be performed at the end of the term. Prerequisites: Two terms of Dan 131 and/or 231 or instructor's permission.
3 Credits.

Education

Education 272. Child Development: Birth - Five Year Olds.

Emphasis on typical sequences in physical/motor, social, emotional, cognitive, language, creative, moral and spiritual development. Review of various exceptionalities among individuals (e.g. disabilities, giftedness, etc.). Consideration of the nature/nurture debate and resilience in at-risk children. The varied influences on child development and learning of the whole child considered. Theories of child development will be re-examined and applied. Content from research, observations and life experiences will be addressed. Teachings about human development from the theology of Swedenborg are analyzed. Prerequisite: Education 271 or permission of the Department Chair.
3 Credits.

Education 323. Math and the Young Child. (QR)

Exploration of the content and methods of teaching mathematics Pre-K to 4th grade. Emphasis on a problem-solving approach to the teaching of math within the context of a developmentally appropriate curriculum. Students learn how to engage children in the subject through imaginative, musical, rhythmic, athletic, and artistic activities. This course is about how to teach math so it makes sense.
3 Credits.

Education 333. Seminar on Art and Creative Expression.

Concepts related to creativity in the arts and the many media areas used by children to express themselves are introduced. Topics include: concepts of creativity; facilitation of children's creative expression; appreciation of children's art processes and products. Particular attention to musical expression. Prerequisites: Education 128 or 271.
1.5 Credits.

Field Experience II: Exploration.

Students work under a classroom teacher's supervision tutoring children, facilitating small group conversations, supervising outdoor play, and monitoring classroom routines and procedures. FE II is taken in conjunction with all winter term courses of the third year and provides students with 120 hours of observation and practice teaching. FE II occurs every Tuesday and Thursday of the term. Not open to non-majors; Third year students only.
3 Credits.

English

English 235. Shakespeare. (W)

Study of selected Shakespearean tragedies, comedies, and histories. Lectures and collateral readings. Some films and group work. Background of the Elizabethan world. Prerequisite: Writing 101.
3 Credits.

English 320. The English Language.

Study of the historical development of the language from Anglo-Saxon to Modern English, with focus on the culture and events that have shaped the language, and ways in which English has shaped cultures. Prerequisite: Any 200-level English course.
3 Credits.

Experiential Education

Experiential Education 198/298. Internship. (EE)

The internship course is open to students with a 2.7 GPA or above. It is a supervised, pre professional experience with clear links to a student's academic program. It is conducted primarily or totally outside a regular course classroom, and for which a student earns academic credit. It is organized primarily around an assignment in a work-place situation in which students working under the direction of a supervisor learn hands-on professional skills.

The internship course requires a learning plan, reflective component, and an analytical component (e.g., essay, paper, or presentation). Individual learning plans are retained in the office of Internship. This course satisfies the EE requirement.

Course may be repeated for academic credit by arrangement.

Credit variable.

Fine Arts

Fine Arts 112/212: Medieval Art and Its Revivals.

Using one of the finest collections of medieval art in the world (Glencairn Museum), this course surveys the art of Medieval Europe, particularly that of France, focusing on the evolution of sacred imagery, and how it reflects and shapes the attitudes of the period. It also covers medieval revivals in 19th-century England and 19th-20th century America. Highlights include: Early Christian sculpture, Celtic manuscripts, Romanesque sculpture, Gothic cathedrals, and Gothic revivals including aspects of the Arts and Crafts movement. Students solve problems posed by some of Glencairn's pieces and develop a research topic.

3 Credits.

Fine Arts 120. Metal Work I.

Introduction to basic metalworking techniques in copper, brass, and silver including sawing, piercing, embossing, form folding, cold joining, soldering, and setting cabochon stones. Inspired by the magnificent examples in Glencairn.

3 Credits.

Fine Arts 130. Ceramics.

Introduction to clay work including hand building, wheel throwing, slip casting, glazing, and firing processes. Also form function and representation.

3 Credits.

Fine Arts 141. Building Arts Foundation.

Introduction to the Building Arts curriculum by focusing on fundamental design and drawing principles essential to all craft disciplines. Students learn to communicate ideas, design and execute projects through sketches, hand drawings and computer-generated drawings.

3 Credits.

***Fine Arts 220. Metal Work II.**

Continuation of FA 120 introducing new techniques in copper, silver, gold foil, cloisonné, and the setting of faceted stones. Inspired by the magnificent examples at Glencairn. Prerequisite: Fine Arts 120.
3 Credits.

***Fine Arts 230. Intermediate Ceramics.**

Further development of individual skills and sensitivities in the medium of clay. Prerequisite: Fine Arts 130.
3 Credits.

Geography

Geography 110. World Regional Geography.

Study of world regions with emphasis on the geographic relationships—physical and cultural—that give them their character. Emphasizes the political and cultural formations of human societies. Who lives where? Which languages are spoken where? How did the nations of the world arrive at their present borders? Why do some parts of the world see constant conflict; why are some regions of disputed ownership? Why are some places more developed than others? Focus on familiarity with map locations.
3 Credits.

German

German 102. Introductory German II.

Continuing introduction to the German language. Prerequisite: German 101 or equivalent as determined by placement test. German is the language of instruction.
3 Credits.

Greek

Greek 110. Beginning New Testament Greek I.

Introduction to the language of the New Testament. A study of the basic forms and syntax of Greek grammar.
3 Credits.

History

History 114. The Classical World. (IL)

Historical survey of ancient Greece and Rome from Minoan civilization to the fall of the Roman Empire in the west. Particular attention to political trends and the role of religion in Greek and Roman societies. Examination of textual and archaeological evidence. Guided development of a research paper.
3 Credits.

History 217. Nazi Germany.

Examination of the rise and fall of Nazi Germany under Adolf Hitler from the ashes of World War I, through the battles of World War II, to the Allied forces' defeat of Germany in 1945. Consideration of the historical, social, economic, and political factors that contributed to the Nazi party's rise to power. Particular focus on the impact on German society, individual choice, and philosophies underpinning Nazism: fascism, cult of personality, eugenics, anti-Semitism, social Darwinism.
3 Credits.

History 298, 398. History Internship II. (EE)

Proposals must be approved by the appropriate department chair. History internships are open to students in second year or above who have completed at least two history courses.
Credit variable.

Human Society

Human Society 402. Capstone Seminar II.

Students in the Human Society major write their capstone projects. The seminar setting provides instruction in related skills and offers a forum for support and the exchange of ideas. As part of the seminar, students present the results of their research publically and design posters. Only open to Human Society majors.

Prerequisite: HSoc 401.

3 Credits.

Independent Studies

In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary; independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

Interdisciplinary Studies

Interdisciplinary Studies 495. Senior Essay. (IL, W)

Capstone experience for the interdisciplinary major. Research project culminating in the senior essay. Topic chosen by mutual agreement between student and supervisor. Limited to and required of interdisciplinary majors.

Prerequisites: Interdisciplinary Studies 493 and Interdisciplinary Studies 494.

2 Credits.

Interdisciplinary Studies 496. Senior Seminar II.

For seniors in the Interdisciplinary Major. Public presentation of senior essay. Career planning and portfolio development. Pass/Fail. Prerequisite: C- or better in Interdisciplinary Studies 495.

1 Credit.

Latin

Latin 110. Beginning Latin I.

Introduction to the elements of Latin grammar and syntax to be used in translating classical authors and Swedenborg.

3 Credits.

Mathematics

Mathematics 101. Introduction to Quantitative Reasoning. (QR)

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning, and financial topics.

3 Credits.

Mathematics 102. Understanding Mathematics in Society. (QR)

Review of mathematical topics with an emphasis on understanding why certain patterns appear. Topics include sets, number systems, geometry, and basic statistics and probability. Recommended for students in education and philosophy. Prerequisite: Math 101 or appropriate score on placement test.

3 Credits.

Mathematics 115. College Algebra. (QR)

Algebraic topics designed to assist in the use of mathematics in science courses. Topics include exponents and radicals, rational expressions, inequalities, complex numbers, polynomial analysis and advanced factoring, rational functions and asymptotes, and quantitative reasoning applications. Because of duplication of subject matter, students may not receive credit for both Mathematics 115 and Mathematics 120. Prerequisite: Mathematics 101 or appropriate score on placement test.
3 Credits.

Mathematics 120. Pre-calculus. (QR)

Course in college algebra designed to assist in the use of mathematics in science courses by reviewing the behavior of several families of simple and composite functions, and fitting these functions to data. Study of linear, exponential, power, logarithmic, polynomial, and rational functions. Includes quantitative reasoning applications. Because of duplication of subject matter, students may not receive credit for both Mathematics 115 and 120. Prerequisite: Mathematics 101 or appropriate score on placement test.
3 Credits.

Mathematics 151. Calculus II.

Methods and applications of integration, improper integrals, infinite series, Taylor polynomials, and parametric equations. Prerequisite: Mathematics 150.
4 Credits.

Mathematics 205. History of Mathematics. (IL)

The development of the major mathematical concepts from ancient times to the present, emphasizing topics in the standard undergraduate mathematics curriculum. Prerequisite: Mathematics 140 or Mathematics 150.
3 Credits.

Music

Music 100. College Chorale.

Development and performance of choral repertoire from Renaissance to Modern. Instruction in the development of vocal techniques. Course may be repeated for credit.
1 Credit.

Philosophy

Philosophy 101. Critical Thinking.

Development of students' reasoning skills through analysis and evaluation of arguments. Diagramming arguments, identifying mistakes in reasoning, and writing arguments. Emphasis on issues encountered in everyday experience and in courses across the curriculum, primarily through classical deductive logic.
3 Credits.

Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.
3 Credits.

Philosophy 111. Introduction to Moral Philosophy. (Moral)

Survey of some major philosophers, problems (Euthyphro, relativism, egoism), and theories (aretaic, deontic, utilitarian) in moral philosophy. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.
3 Credits.

Physical Education

Physical Education 133. Yoga.

Introduction to yoga course. Variety of yoga (poses) including standing poses, twists and forward bends, arm-balancing, back bending and inversions. Open to all abilities. Course may be repeated once for credit.
1 Credit.

Physics

Physics 180. General Physics I: Mechanics. (QR)

An algebra and trigonometry-based physics course that provides an overview of mechanics, thermodynamics and vibrations, primarily for students interested in majoring in biology (including pre-med), psychology or chemistry, rather than engineering or mathematics. Emphasis is on examples and applications rather than derivations. Credit is only awarded for one of Physics 180 or Physics 210. Pre-requisite: Math 125 or equivalent. Laboratory included.
4 Credits.

Political Science

Political Science 101. Introduction to Politics and Governance. (Civil)

Examines the discipline of political science and the concepts involved in the study of politics and governance. Surveys the role and function of political institutions and organizations through the lens of contemporary issues. Focus on the potential for thinking about civic and political issues from a religiously-informed perspective.
3 Credits.

History/Political Science 232. Issues in American Foreign Policy. (W)

Survey of the last century examines the dominant themes in American foreign policy. Series of case studies considers how to understand American foreign policy through levels of analysis and models and theories of decision making. Prerequisites: Political Science 101, History 117, or instructor permission.
3 Credits.

Psychology

Psychology 102: Worldviews and History of Psychology. (Worldview)

Survey of six major psychological worldviews. Analysis of worldviews in terms of their history, key people, main concepts, and major contributions to the field of psychology in modern times. Three themes addressed for each worldview: "What is the good life?", "What remedies are available when things go wrong for human beings?", and "Is this a Theistic worldview?"
3 Credits.

Psychology 203. Personality Theory.

Examination of both classical and current theories of personality. Focus on understanding terms and concepts of personality as well as their application to situational contexts. Prerequisite: Psychology 101 or instructor permission.
3 Credits.

Psychology 298. Psychology Internship. (EE)

Proposals must be approved by the head of the Psychology area. Psychology internships are open to students in sophomore year or above who have completed two psychology courses. Requirements are available from director of internships.
Credit variable.

Psychology 301. Counseling and Clinical Psychology.

Examination of psychological theories that inform the skills of counselors and clinical psychologists in various professional settings. Topics include psychological theories, the roles of the counselor, listening skills, case conceptualization, treatment methods and intervention strategies. Consideration of what it means to incorporate individual values and spirituality into treatment. Prerequisite: Two psychology courses or instructor permission. 3 Credits.

Psychology 305. Physiological Psychology. (IL)

Exploration of the neural basis of behavior and motivation. Emphasis on the structure, functions and disorders. Topics include memory, emotion, learning, addictions, conscience, states of mind, and self-regulation. Consideration of Swedenborgian view of the brain, mind, and the soul. Information Literacy skills emphasized. Prerequisite: Psychology 101 and either Biology 122 or instructor permission. 3 Credits.

Psychology 491. Senior Research Seminar.

Capstone for seniors in the psychology major. Independent work on Senior Essay guided by an advisor. Information Literacy and Writing Skills emphasized. 3 Credits.

Religion

Religion 101. Introduction to New Church Doctrines. (Doctrinal)

Foundation course. Basic survey of the doctrines of the New Church. Presupposes little or no formal background in the study of the doctrines. 3 Credits.

Religion 123. Introduction to the Old and New Testaments. (Scriptural)

Introduction to the various parts of the Bible, the history of the Israelites and Jews, the geography of Palestine, with an emphasis on the different methods of biblical interpretation, with special emphasis on New Church interpretation. 3 Credits.

Religion 125. The Holy Scripture. (Doctrinal)

The symbolic nature of the Word and the spiritual meaning within. The importance of the literal meaning and its interpretation. The Word in heaven and the church. Dual expressions in the Word. Heresies. The Lord and the Word. The Word in very ancient times. The universal church. The necessity of revelation. Illustrations drawn throughout from the Old and New Testaments. Text: *The Doctrine of the Sacred Scripture*. 3 Credits.

Religion 205. God, Man, and Creation. (Doctrinal)

Study of how the Lord created the spiritual and natural worlds, with emphasis on humans as the purpose of creation. Vital relationships between the Creator and His creation, with the special role played by humans. Focus on teaching about form, order, degrees, influx, and conjunction. Text: *Divine Love and Wisdom*. 3 Credits.

Religion 225. Spiritual Interpretation of the Bible. (Scriptural)

The Bible is more than a book of stories and laws. Exploration of the deeper symbolic meanings reveal that it is a story about individual spiritual development and growth. Addressing both Scriptures and personal application, with emphasis on the use of Swedenborg's science of correspondences, students uncover the hidden depths of a variety of biblical stories, which elucidate particular insight and meaning to individual spiritual growth and life. 3 Credits.

Religion 270. New Church Religious Practices. (Applied)

Both doctrinal study and practical application of teachings relating to New Church religious practices, using the Old and New Testaments and the theological Writings of Emanuel Swedenborg as source material. Special

focuses on daily reading of the Word and prayer, on private and public worship, on the steps of repentance, and on the use and importance of Holy Supper.

3 Credits.

Religion 273. Religion and Marriage (W. Doctrinal)

New Church doctrine concerning marriage. Includes the Divine origin of marriage; the nature of masculinity and femininity; the state of married partners after death; betrothals and weddings; separation and divorce; the role of the Ten Commandments in marriage; states of discord and coldness; adultery and other sexual disorders. Text: *Conjugal Love*.

3 Credits.

Religion 305. Universal Doctrines of the New Church I. (Doctrinal)

Systematic survey of the universal theology of the New Church: God the Creator, the Lord the Redeemer, the Holy Spirit, the Holy Scripture and Ten Commandments, and Faith. Text: *True Christian Religion*.

3 Credits.

Religion 335. The Human Mind. (Rel335 W is W, Doctrinal)

Study of what the doctrines of the New Church teach about the structure and function of the human mind and how it relates to the brain. The discrete degrees of the mind. The faculties of will and understanding, their relationship and interplay.

3 Credits.

Sociology

Sociology 218. Topics in Sociology: Ethnicity and Race.

Survey of ethnicity and race as a recognized sub-field in sociology and key factor in understanding human society.

3 Credits.

Spanish

Spanish 102: Introductory Spanish II

Continuing introduction to the Spanish language. Prerequisite: Spanish 101 or equivalent as determined by placement test. Spanish is the language of instruction.

3 Credits.

Special Education

Special Education 211. Introduction to Special Education.

Every learner is unique, and some are unique in ways that make conventional classroom processes inaccessible. Introduction to the various types of learners who will need instruction and nurturing in the classroom. Exposure to methods and materials that may make an approach to these unique learners, a joyful discovery of the fascinating range of learning styles that are available to human beings. Prerequisite: Education 128 or permission of Department Chair.

3 Credits.

Special Education 312. Collaboration, Assessment, and Management.

Practical and hands-on look at the competencies and skills needed to accommodate and adapt instruction for all students, including those with disabilities and various learning needs, in an inclusive setting. Discuss the imperative need for teachers to collaborate and be able to effectively use various assessment and evaluative tools in the classroom, in order to meet the learning needs and goals. Learn to identify, administer, interpret and plan instruction based on the assessment of student learning, as well as consider problem solving, and classroom management as part of this process.

Prerequisite: SpEd 211 or permission of Department Chair.

3 Credits.

Theater

Theater 130. Set Design and Production. (EE)

Continuation of Theater 120: building and dressing the set from the designer drawings and elevations created in the fall. Finalizing of the design, including color elevations and prop design. Students required to understand and use all of the equipment in the theater as it pertains to the design and will work with the play's director using the Mitchell Performing Arts Center as the classroom and will participate as a member of the run-crew for the winter Bryn Athyn College production. Final project involves the construction of the actual set. Course may be repeated once for credit.
Credit variable.

Theater 150. Dramatic Performance. (EEC)

Students involved in the casts or technical aspects of certain dramatic productions may sign up for this course. Exposure to a variety of acting techniques, including the specialized work needed for productions that might range from Shakespeare's plays, to foreign plays in translation, to musicals. Script analysis, oral interpretation of character, performance movement, dance, and vocal techniques. Variable credit based on the student's involvement. 5-12 hours weekly in rehearsals/classes leading to a finished production. Course may be repeated once for credit.
1-3 Credits.

Writing

Writing 100. Academic Writing.

Development of academic writing skills in preparation for Writing 101. Intensive grammar, spelling, and punctuation instruction and practice, in conjunction with an introduction to the structure and process of academic writing. Required only for provisionally admitted freshmen before advancement to Writing 101.
3 Credits.

Writing 101. Expository Writing. (W)

Development of informative, critical, and persuasive writing. Emphases on grammatical control, precision of language, consideration of audience, rhetorical strategies, revision, information literacy, and articulation, development, and support of thesis. Three to five formal essays total, including substantial revision. Individual conferences with instructor to discuss student's writing. Required of first year students. Non-native speakers of English take Writing 101 sophomore year.
3 Credits.

Writing 202. Writing About Literature. (W, IL)

Analytic study of literary genres—drama, short fiction, and poetry—with emphases on writing and research. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper and its research process require locating, evaluating, and incorporating multiple secondary sources. Individual conferences with instructor to discuss student's writing. Required of sophomores.
Prerequisite: Writing 101.
3 Credits.

Spring Term 2015-16 Undergraduate Course List

As of 8/20/15. (Independent Study and Internship courses not listed).

BLOCK	NAME OF COURSE	TITLE	CREDITS	INSTRUCTOR
11	Anth110_0	An Introduction to Cultural Anthropology	3	A. Yardumian
8	Anth110_1	An Introduction to Cultural Anthropology	3	A. Yardumian
6	Anth260	Human Evolution	3	A. Yardumian
5	Bio250	Microbiology	4	Staff
24	Bio373*	Biological Laboratory Techniques: Molecular Biology	2	A.F. Bryntesson
1	Bio380*	Research Seminar	1	E. Higgins
2	Bio492*	Biology Seminar III	1	E. Potapov
11	Bus/Writ220	Business Communications	3	E. Rogers
3	Bus267	Introduction to Sports Management	3	Staff
8	Bus302	Corporate Social Responsibility	3	Staff
12	Bus320	Financial Management	3	C. Waltrich
4	Chem111*_0	General Chemistry II	4	E. Higgins
4	Chem111*_1	General Chemistry II	4	E. Higgins
3	Chem111*_2	General Chemistry II	4	E. Higgins
3	Chem111*_3	General Chemistry II	4	E. Higgins
4	Comm105/205+_0	Public Speaking	3	S. Bernhardt
5	Comm105/205+_1	Public Speaking	3	S. Bernhardt
6	CSci160	World Wide Web Development	3	N. Simonetti
6	CSci260	World Wide Web Languages	3	N. Simonetti
11	Dan160/260/360+	Dance Ensemble	1.5	J. Bostock
8	Dan331	Advanced Modern Contemporary Dance	3	J. Bostock
1	Econ131	Macroeconomics	3	Staff
9	Ed201	Foundations of Education	3	N. Phillips
7	Ed202	Moral Education	3	A. Rose
1	Ed273*	Child Development: Five – Nine Year Olds	3	S. Wong
	Ed219	Literacy for Young Learners II	3	A. Rose
	Ed260	Education for Sustainability	3	A. Rose
4	Ed324*	Science and the Young Child	3	A. Rose
23	Ed332*	Play, Movement, and Health	3	A. Rose
1	Ed/Psyc340*	Educational Psychology	3	S. Werner
2	Eng105a	Suffering and Triumph—the Human Spirit	3	K. King

6	Eng370	Twentieth-Century Authors After 1950	3	K. King
4	ESci110*_0	Introduction to Physical Geology and Meteorology	4	E. Potapov
4	ESci110*_1	Introduction to Physical Geology and Meteorology	4	E. Potapov
Special	FA/Hist271*	Introduction to Historic Preservation	3	G. Jackson
5	FA102/202+	Renaissance and Baroque Art	3	M. Gyllenhaal
	FA112/212+	Medieval Art and Its Revivals	3	M. Gyllenhaal
9	FA122*	Metal Forging	3	W. Holzman
11	FA140/240+	Drawing and Painting	3	M. Gyllenhaal
24	FA251*	Integrating Art into a Child's Early Years	1.5	M. Gyllenhaal
7	FE3*	Field Experience III	3	N. Phillips
4	Grk111	Beginning New Testament Greek II	3	W. Closterman
4	Heb250	Intermediate Hebrew	3	S. Frazier
3	Hist117	The Contemporary World	3	D.G. Rose
2	Hist276	Barbarians and the Fall of Rome	3	S. Lawing
8	Hist298G	Glencairn Museum Internship	3	A. Yardumian
9	HSoc301	Research Methods	3	W. Closterman
24	ID390*	Research Seminar	1	S. Gardam
4	ID496*	Senior Seminar II	1	L. Nash
5	Lat111	Beginning Latin II	3	S. Frazier
8	Lead130	Introduction to Leadership	3	L. Nash
3	Math101	Introduction to Quantitative Reasoning	3	M. Genzlinger
2	Math130*_0	Introduction to Statistics	4	C. Bongers
2	Math130*_1	Introduction to Statistics	4	C. Bongers
1	Math140	Elements of Calculus	3	C. Bongers
2	Math250*	Calculus III	3	M. Blair
7	Mus100*	College Chorale	1	G. Bier
Special	Mus114*	Music Theory II	3	G. Bier
23	PE112*	Competitive Team Sports	1	H. Bryntesson
8	PE180	Foundations of Physical Education	1	S. Jones
5	Phil102	Introduction to Philosophy	3	D. Synnestvedt
3	Phil111	Introduction to Moral Philosophy	3	M. Latta
6	Phil211	Modern Philosophy	3	M. Latta
9	Phil310	Topics in Contemporary Philosophy I	3	D. Synnestvedt
11	Phil340	Bioethics	3	M. Latta
6	PSci346	Issues in the Contemporary Middle East	3	D.G. Rose

9	Psyc101	Introductory Psychology	3	S. Wong
9	Psyc230	Psychology and Spirituality	3	E. Hyatt
11	Psyc320	Introduction to Experiments in Psychology	1	F. Cavallo
7	Psyc380	Seminar in Forensic Psychology	3	S. Werner
	Psyc382	Seminar in Death and Dying	3	E. Hyatt
6	Psyc492*	Senior Seminar	1	S. Werner
9	Rel110	Introduction to Systematic Theology	3	B. Buick
2	Rel115_0	Introduction to New Church Doctrine on Life After Death	3	G. Schnarr
3	Rel115_1	Introduction to New Church Doctrine on Life After Death	3	G. Schnarr
4	Rel123	Introduction to the Old and New Testaments	3	G. Schnarr
7	Rel210*	Divine Providence and Human Prudence	3	A. Dibb
8	Rel215	The Lord	3	T. Glenn
3	Rel222	The Gospels	3	S. Frazier
12	Rel273W	Religion and Marriage	3	R. Silverman
12	Rel293	Comparative Contemporary Religions	3	B. Halterman
7	Rel306	Universal Doctrines of the New Church	3	T. Glenn
3	Rel335	The Human Mind	3	S. Cole
	Rel490	Religion Senior Project I	3	S. Frazier
4	Soc110*	Introductory Sociology	4	J.W. Hogan
3	Writ101_0	Expository Writing	3	R. Cooper
2	Writ101_1	Expository Writing	3	R. Cooper
2	Writ202_0	Writing About Literature	3	A. Nash
3	Writ202_1	Writing About Literature	3	C. Hoffman
7	Writ212	Creative Nonfiction Writing	3	R. Silverman

+This course is offered on multiple levels. All students must register on the 100 level.

The College administration will make every effort to offer the courses listed, but reserves the right to cancel courses if necessary.

*This course may differ slightly from the block times or locations indicated. Check SONIS for exact meeting times and locations.

Spring Term 2015-16 Undergraduate Courses

Anthropology

Anthropology 110. An Introduction to Cultural Anthropology.

Introduction to the theories and methods of cultural anthropology, and to the concept of culture. Focuses on the basic institutions of culture such as ritual, technology, and progress as predicates for modern human society. Though not a world cultures course, includes consideration of the variety of human cultures as they exist today, or as they once existed.
3 Credits.

Anthropology 260. Human Evolution.

Introduction to human evolution and physical anthropology. Areas include paleoanthropology, primatology, molecular anthropology (population genetics), and to some extent evolutionary biology. Specific issues covered include the primate roots of human behavior, brain and language evolution, new and classic fossil hominids, the origin of anatomically modern humans, and human biogenetic variations. Prerequisite: Biology 122 or instructor permission.
3 Credits.

Biology

Biology 250. Microbiology.

Introduction to the morphology, physiology, genetics, and ecology of bacteria and fungi, as well as the structure and replication of viruses. Overview of microorganisms, with emphasis on those organisms involved in the natural history of human disease. Prerequisites: Biology 122 and 123. Laboratory included.
4 Credits.

Biology 373. Biological Laboratory Techniques: Molecular Biology.

Junior level biology laboratory course supporting Biology 230, 232, 310, 315, and 355. A mixture of theoretical and practical experience in techniques used in molecular biology, including PCR and cell-based cloning, nucleic acid hybridization, genomic structure analysis, proteomics, bioinformatics, protein expression and analysis, and culturing and identifying microbiological organisms. Laboratory reports and scientific writing skills integral. Co-requisite or prerequisite: Biology 230 and Biology 232.
2 Credits.

Biology 380. Research Seminar

Exploration of the breadth of biology career paths and research options. Guest speakers from various biological and medical fields present their work and educational background. Students choose topics for senior project proposals and research methods for discipline specific literature searches. Senior project proposals with references are due by end of term. Discipline-specific resumes and C.V. developed. Course is pass/fail for biology majors.
1 Credit.

Biology 492. Biology Seminar III.

Public presentation of undergraduate biological research. Required of seniors in the biology major and open to seniors in the ID major who are studying biology.
1 Credit.

Business

Business/Writing 220. Business Communications. (W)

Business Communications is a workplace-oriented course designed to help students develop and refine the written and oral skills necessary to communicate effectively in professional settings. Students will review the

purpose and style of business writing and complete a variety of focused writing exercises based on actual work settings and scenarios. Students will also plan, compose and analyze letters, memoranda and electronic messages; prepare and present brief oral presentations, collaborate with others and revise business communication.

3 Credits.

Business 267. Introduction to Sports Management.

This course highlights the need for trained sport management professionals by examining the history of sport. This course also provides analysis of effective management strategies and the body of knowledge associated with pursuing a career as a manager in the sport industry. Functional management, strategic planning, decision making, leadership style, managing conflict and change, motivation of a workforce, and career opportunities in different sport environments will be explored.

3 Credits.

Business 302. Corporate Social Responsibility.

This course includes application of New Church/Swedenborgian ethical responsibility in business strategic planning and management. Particular focus on corporate leaders who are using an ethical worldview when partnering with government regulators, donating to non-profits through foundations, or managing sustainable supply chains. Students will strengthen their teamwork skills in various class projects. Ethical reasoning theories are drawn from psychology and theology to explain the socially responsible actions of corporate leaders.

3 Credits.

Business 320. Financial Management. (QR)

Introduction to business finance, the role of the chief financial officer, and financial tools used by management. Emphasis on management of revenue and expenses, application of basic financial concepts to the solution of organizational problems, analysis of the short and long-term financial needs of an organization, and selection of most feasible course of action to secure best possible financial outcome and allocation of resources. Topics of present value, stock and bond valuation, capital budgeting, financial forecasting, and capital structures also examined. Prerequisite: Business 141.

3 Credits.

Business 398. Business Internship. (EE)

Proposals must be approved by Internship Director. Students may apply for Bus 298 or 398 after at least two 200 or 300 level business courses. Internships are encouraged to be in the student's field of ID study and their capstone paper.

Credits and requirements variable.

Chemistry

Chemistry 111. General Chemistry II. (QR)

Continuation of Chemistry 110. Topics include intermolecular forces, physical properties of solutions, chemical kinetics, chemical equilibrium, acids and bases, solubility, thermodynamics, and electrochemistry. Prerequisite: Chemistry 110. Laboratory included.

4 Credits.

Communication

Communication 105. Public Speaking. (PP)

Exposure to a variety of speaking situations designed to address inhibitions and develop self-confidence. Class work features impromptu and prepared speeches, as well as oral interpretation of literature and choral speaking. Work on voice and speech improvement as well as command of body language.

3 Credits.

Communication 205. Intermediate Public Speaking (PP)

Advances student's ability to organize and deliver public presentations of varied kinds, using basic skills covered in Communication 105, but with introduction of more demanding professional techniques, more challenging assignments, and more fine-tuned cultivation of all skills. Some attention will also be given in this class to job interview skills. Prerequisite: Communication 105 with a grade of C or higher, or permission of the instructor. 3 Credits.

Computer Science

Computer Science 160. World Wide Web Development.

Introduction to the elements of web site design. The course includes technical aspects of web creation and design considerations for information delivery and usability. Prerequisite: Computer Science 105 or familiarity with computers. 2 Credits.

Computer Science 260. World Wide Web Languages.

Companion course with Computer Science 160. Projects will involve JavaScript, PHP, and XML. Prerequisite: Computer Science 180. Co-requisite: Computer Science 160. 1 Credit.

Dance

Dance 160/260/360. Dance Ensemble. (EEC)

A dance repertory course for the performing artist. Rehearsing and performing pieces choreographed by faculty and guest artists. Styles may include contemporary, jazz, hip-hop, ballet, and/or tap. Each student will be involved in several different pieces of choreography. Course culminates in public performance. Dance 260 includes collaboration on a choreography project or a solo choreography project. Dance 360 involves choreographing and teaching a group piece of choreography to the class to be performed at the end of term concert. Course may be repeated for credit. 1.5 Credits.

Dance 331: Advanced Modern Contemporary Dance. (EEC)

Students continue to develop as dancers through learning more complex technique, progressions, and combinations, as well as engaging in improvisational exercises. Emphasis is on increasing accuracy of articulation, range of movement, and moving the body as a cohesive unit. Includes critique of modern and contemporary dance choreography and culminates in a public performance. Course may be repeated once for credit. Prerequisite: Dance 131/231 or instructor's permission. 1.5 Credits.

Earth Science

Earth Science 110. Introduction to Physical Geology and Meteorology.

Introduction to mineralogy; igneous, sedimentary, and metamorphic petrology; rock cycle and structural geology. The evolution of continents. Introduction to oceanography. The atmosphere and atmospheric motion, climate, and climate zones. Earth as a part of the solar system. Prerequisite or co-requisite: Mathematics 101 (or placement out of Mathematics 101). Laboratory included. 4 Credits.

Economics

Economics 131. Macroeconomics. (QR)

Study of the fundamentals of economic analysis with emphasis upon national output, employment, and price levels. Exploration of the monetary and financial system together with problems of economic stability. Special attention given to the role of government fiscal and monetary policy in managing the economy. Consideration of current issues such as economic growth, federal budget deficits, and the role of the Federal Reserve Bank. Course includes student-led seminars.
3 Credits.

Education

Education 201. Foundations of Education. (Worldviews)

Study of world views and associated theories that impact education. Examination of questions such as: What is the nature of reality? How do we know what we know? How do we determine what is worth knowing? What is of value? Focus on how a New Church philosophy of education affects teachers and students.
3 Credits.

Education 202. Moral Education. (Moral)

Students will learn methods for teaching respect and responsibility and their derivative values. Special attention will be given to the role of storytelling in moral education. Topics include sex education, bullying, and conflict resolution.
3 Credits.

Education 273. Child Development: Five - Nine Year Olds.

Emphasis on typical sequences in physical/motor, social, emotional, cognitive, language, creative, moral and spiritual development. Review of various exceptionalities among individuals (e.g. disabilities, giftedness, etc.). Consideration of the nature/nurture debate and resilience in at-risk children. The varied influences on development and education of the whole child considered. Theories of child development will be re-examined and applied. Content from research, observations and life experiences will be addressed. Teachings about human development from the theology of Swedenborg are analyzed. Prerequisite: Education 271 or permission of the Department Chair.
3 Credits.

Education 324. Science and the Young Child.

Students explore a variety of science experiences suitable for young children and compare theories of cognitive development as they relate to science. Emphasis on the nature of science and how young children perceive and conceptualize the world around them.
3 Credits.

Education 332. Play, Movement, and Health.

Considers research on health, nutrition, and the role of play in child development. Emphasis on the importance of play in helping children develop the skills of self-regulation.
1.5 Credits.

Education/Psychology 340. Educational Psychology.

Study of secular psychology as it is applied to children and adolescents in the classroom setting. Major areas of study include classroom management, learning, and motivation. Swedenborgian doctrines include innocence, charity, development of the rational mind, and conscience. Prerequisite: Psychology 101 or Education 128.
3 Credits.

Field Experience III: Pre-student Teaching.

A continuation of FE II, FE III gives students more independent practice in working with whole class instruction, integrating special needs and ELL students in their assigned classroom. Provides 120 hours of practice teaching hours. Not open to non-majors; 3rd year students only.
3 Credits.

English

English 105. Introductory Literature Seminar

Introduction to college-level reading and analysis of literature. Emphasis on responding to literary media. Focus on engagement with a particular theme in stories, poems, plays, and/or films. Literary content will differ from year to year, depending on instructor and current interest. Course can be repeated once for credit when topic changes.

3 Credits.

English 370. Twentieth Century Authors (after 1950). (W)

Major British and American authors, and others, writing in the post-World War II era. Focus on the novel. Includes such authors as Steinbeck, Maclean, Morrison, and O'Brien. Prerequisite: Any 200-level English course.

3 Credits.

Experiential Education

Experiential Education 198/298. Internship. (EE)

The internship course is open to students with a 2.7 GPA or above. It is a supervised, pre professional experience with clear links to a student's academic program. It is conducted primarily or totally outside a regular course classroom, and for which a student earns academic credit. It is organized primarily around an assignment in a work-place situation in which students working under the direction of a supervisor learn hands-on professional skills.

The internship course requires a learning plan, reflective component, and an analytical component (e.g., essay, paper, or presentation). Individual learning plans are retained in the office of Internship. This course satisfies the EE requirement.

Course may be repeated for academic credit by arrangement.

Credit variable.

Fine Arts

Fine Arts 102. Renaissance and Baroque Art. (IL)

Introductory survey of architecture, sculpture, and painting covering Renaissance, Reformation, and Counter-Reformation art. Includes artists such as Vermeer, Rembrandt, Michelangelo, da Vinci, Bernini, Caravaggio, and others. Trip to Metropolitan Museum of Art in New York.

3 Credits.

Fine Arts 212: Medieval Art and Its Revivals.**

Using one of the finest collections of medieval art in the world (Glencairn Museum), this course surveys the art of Medieval Europe, particularly that of France, focusing on the evolution of sacred imagery, and how it reflects and shapes the attitudes of the period. It also covers medieval revivals in 19th-century England and 19th-20th century America. Highlights include: Early Christian sculpture, Celtic manuscripts, Romanesque sculpture, Gothic cathedrals, and Gothic revivals including aspects of the Arts and Crafts movement. Students solve problems posed by some of Glencairn's pieces and develop a research topic.

3 Credits.

Fine Arts 122. Metal Forging.

Introduction to artistic ironwork concentrating on hand-forged, wrought iron using traditional techniques. Inspired by the magnificent examples in Glencairn and Bryn Athyn Cathedral.

3 Credits.

*Fine Arts 140. Drawing and Painting.

Introduction to basic techniques in drawing and painting. Oil painting project. Discussion of the development of the history of painting.

3 Credits.

Fine Arts 202. Renaissance and Baroque Art. (IL)

Introductory survey of the architecture, sculpture, and painting covering Renaissance, Reformation, and Counter-Reformation art. Includes artists such as Vermeer, Rembrandt, Michelangelo, da Vinci, Bernini, Caravaggio, and others. Trip to Metropolitan Museum of Art in New York.

3 Credits.

*Fine Arts 240. Intermediate Painting.

Introduction of more materials and techniques as well as more advanced use of concepts learned in Fine Arts 140. Prerequisite: Fine Arts 140.

3 Credits.

Fine Arts 251. Integrating Art into a Child's Early Years.

By reading about the developmental states of children, discussing the issues involved with elementary art education, looking at examples of children's art, and actually doing projects, future teachers and caregivers will become confident in their ability to use art as one of their teaching methods.

1.5 Credits.

Greek

Greek 111. Beginning New Testament Greek II.

Continuation of Greek 110. Prerequisite: Greek 110.

3 Credits.

Hebrew

Hebrew 250. Intermediate Hebrew.

Review of Hebrew grammar, followed by readings in the Old Testament with special attention to forms and syntax. Prerequisite: Hebrew 111.

3 Credits.

History

History 117. The Contemporary World.

Examination of the post-World War II era and its effect on societies around the globe. Includes survey of political and economic developments in the different regions of the world and thematic approach to the contemporary global situation. Current events discussions.

3 Credits.

History 276. Barbarians and the Fall of Rome.

Examination of the era that led to the misleading phrase: "the fall of Rome." This lecture and discussion course offers a more nuanced approach and examines Rome's interaction with barbarian tribes such as the Visigoths, Ostrogoths, Vandals, Burgundians, Langobards, Franks, and Huns. It explores Rome's evolving strategy in dealing with these groups, so-called "barbarians," from its initial attempts to conquer them to its forming client relationships with them. The course also considers the replacement of the western Roman empire by various successor states, the barbarian kingdoms, which eventually coalesced into early medieval Europe.

3 Credits.

History 298, 398. History Internship II. (EE)

Proposals must be approved by the appropriate department chair. History internships are open to students in second year or above who have completed at least two history courses.

Credit variable.

Human Society

Human Society 301. Research Methods. (IL)

This course prepares students for the capstone courses for the Human Society major. Practical instruction in upper-level research including formulating a research question, developing and implementing a search strategy, engaging and evaluating sources as evidence, argument development, and proper source citation. Culminates in a research proposal that Human Society majors will use as the foundation for the remainder of their capstone sequence. Only open to Human Society majors.
3 Credits.

Independent Studies

In addition to the listed courses, all areas offer independent studies numbered 299 or 399 with variable credit. The purpose of an independent study is to allow well-qualified students to study beyond the regularly offered courses. Students who undertake independent studies must be able to work independently between meetings with the instructor and have completed a minimum of 33 credits with a GPA of at least 2.70. Planning ahead is necessary: independent study proposals, syllabi, and required registration paperwork must be completed well before the term in which the study is to occur. Full details can be found in the undergraduate student handbook.

Interdisciplinary Studies

Interdisciplinary Studies 390. Research Seminar. (IL)

For juniors in the Interdisciplinary Major. Focus on preparing to do the senior essay during senior year. Project management and information literacy: define scope, generate possible topics, analyze scholarly resources, select one topic and identify research questions in cooperation with essay advisor. Pass/Fail.
2 Credits.

Interdisciplinary Studies 496. Senior Seminar II.

For seniors in the Interdisciplinary Major. Public presentation of senior essay. Career planning and portfolio development. Pass/Fail. Prerequisite: C- or better in Interdisciplinary Studies 495.
1 Credit.

Latin

Latin 111. Beginning Latin II.

Continuation of Latin 110. Prerequisite: Latin 110.
3 Credits.

Leadership

Leadership 130. Introduction to Leadership. (EE)

This course engages students in the basic tools necessary to become a successful leader. Students design a leadership project and review leadership theories. Students analyze leadership characteristics and target an area for their own strengthening. Students set measurable goals that stretch their capabilities through leadership challenges and homework assignments.
3 Credits.

Mathematics

Mathematics 101. Introduction to Quantitative Reasoning. (QR)

Introduction to mathematical concepts to improve basic skills in computation, algebra, graphing, and quantitative applications. This course prepares students for other mathematics courses and courses involving quantitative reasoning. Topics include linear modeling, units of measure and currency, and statistical reasoning, and financial topics.

3 Credits.

Mathematics 130. Introduction to Statistics. (QR)

Introduction to data analysis, random variables and their distributions, and statistical inference. Statistical software used for graphing and data analysis. Independent research project. Recommended for students of business or the social and natural sciences. Prerequisite: Mathematics 101 or appropriate score on placement test.

4 Credits.

Mathematics 140. Elements of Calculus. (QR)

Derivatives with applications, exponential functions, integration with applications, and functions of several variables. Not recommended for students pursuing a degree in mathematics, engineering, or the physical sciences. Because of duplication of subject matter, students may not receive credit for both Mathematics 140 and Mathematics 150. Mathematics 140 does not fulfill prerequisite requirements for Mathematics 151.

Prerequisite: Mathematics 115 or appropriate score on placement test.

3 Credits.

Mathematics 250. Calculus III.

Functions of several variables, partial differentiation, multiple integration, vector calculus. Prerequisite: Mathematics 151.

4 Credits.

Music

Music 100. College Chorale.

Development and performance of choral repertoire from Renaissance to Modern. Instruction in the development of vocal techniques. Course may be repeated for credit.

1 Credit.

Music 114. Music Theory II.

Continuation of Music 113. Prerequisite: Music 113 or permission of instructor.

3 Credits.

Philosophy

Philosophy 102. Introduction to Philosophy. (Worldview)

Survey of some major philosophers and theories in metaphysics, epistemology, and the philosophy of religion.

3 Credits.

Philosophy 111. Introduction to Moral Philosophy. (Moral)

Survey of some major philosophers, problems (Euthyphro, relativism, egoism), and theories (aretaic, deontic, utilitarian) in moral philosophy. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

Philosophy 211. Modern Philosophy.

Historical consideration of modern and Enlightenment philosophy, including Descartes, Locke, Leibniz, Rousseau, and Voltaire. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.

3 Credits.

Philosophy 310. Topics in Contemporary Philosophy I.

Exploration of themes and problems in contemporary philosophy. Readings from analytic, continental, postmodern, or neo-pragmatist philosophers in areas such as the philosophy of ethics, politics, language, mind, law, science, religion, or other sub-fields. Strongly recommended: Philosophy 101. Prerequisite: Philosophy 102.
3 Credits.

Philosophy 340. Bioethics. (Moral)

A philosophical exploration of the ethical issues pertaining to the application of biological information and technology to the generation, alteration, preservation, and destruction of human life and aspects of our environment. Issues to be considered include: reproduction, euthanasia, genetic screening and therapy, experimentation with human and animal subjects, bio enhancement, ownership and nature, distributive justice, and integrity in publication.
Prerequisite: Philosophy 102 and any 100-level Biology course.
3 Credits.

Physical Education

Physical Education 112. Competitive Team Sports.

A survey of a range of competitive team sports including for example, soccer, volleyball, lacrosse, ultimate, basketball, floor hockey. Student interest accommodated. Course may be repeated once for credit.
1 Credit.

Physical Education 180. Foundations of Physical Education.

This course gives the prospective teacher of Health and Physical Education (HPE) insight into this area, including the historical, philosophical, and sociological principles with a survey of the latest research and literature in the field. Lifetime health benefits related to proper nutrition and exercise physiology examined. The course is designed for students who plan a career in education, health, or physical education. Non repeatable.
1 Credit.

Political Science

Political Science 346. Issues in the Contemporary Middle East.

Examination of political and social developments in the greater Middle East in the post-World War II era. Survey of governments and domestic political processes of selected countries as well as key issues currently facing societies of the region. Prerequisite: Political Science 211, History 245, or instructor permission.
3 Credits.

Psychology

Psychology 101. Introductory Psychology.

Introduction to basic constructs of psychology including scientific methodology, the brain, consciousness, memory, identity, learning, motivation, intelligence, and the nature of mental illness. Relevant New Church doctrines analyzed and compared to secular theories of psychology.
3 Credits.

Psychology 230. Psychology and Spirituality.

Examinations of psychological research and theories about people's attitudes, motivations, behaviors, thoughts and feelings in a variety of spiritual settings. Investigations of how therapists address spiritual matters in counseling sessions. Consideration of the psychological experience of the Swedenborgian belief in the afterlife, regeneration, charity, conscience, and the relationship between God and humans. Prerequisite: Psychology 101.
3 Credits.

Psychology 298. Psychology Internship. (EE)

Proposals must be approved by the head of the Psychology area. Psychology internships are open to students in sophomore year or above who have completed two psychology courses. Requirements are available from director of internships.

Credit variable.

Psychology 320. Introduction to Experiments in Psychology.

Introduces students to experimental design in psychology with careful attention to terminology, methodology, strengths, and limitations of research. Additionally, students are exposed to classic experiments in the areas of social, abnormal, cognitive, developmental, and neuropsychology. Serves as precursor to the Psychology Capstone and should be completed spring term of junior year. Pass/Fail.

1 Credit.

Psychology 380. Seminar in Forensic Psychology.

Covers topics related to the application of psychology to the legal system. Topics include criminal motivation, deception, violence, sociopathy, mental illness and crime, gang behavior, effects of substance abuse, and gender differences in criminals. Includes a Swedenborgian perspective on conscience and moral/spiritual motives. Prerequisite: Students must be accepted psychology majors, psychology interdisciplinary majors, or psychology minors at the junior level of study. Applied.

3 Credits.

Psychology 382. Seminar in Death and Dying.

Introduces students to the growing field of death and dying in psychology. Explores context and meanings of death, ethical decision-making at the end of life, constructs of bereavement, end of life counseling, and special populations to include pediatric death, celebrity death, near-death experiences, and traumatic bereavement. Prerequisite: Students must be accepted psychology majors, psychology interdisciplinary majors, or psychology minors at the junior level of study. Clinical.

3 Credits.

Psychology 492. Senior Seminar.

Capstone for seniors in the psychology major. Public presentation. Critical analysis of ethics in psychology. Career planning and portfolio development. Pass/Fail.

1 Credit.

Religion

Religion 110. Introduction to Systematic Theology. (Doctrinal)

A comprehensive overview of New Church doctrine. Emphasis on core doctrines of the Lord, faith and charity, the Word, the afterlife, the mind, Divine providence, judgment, and marriage. Presupposes a moderate familiarity with New Church teachings.

3 Credits.

Religion 115. Introduction to New Church Doctrine on Life after Death. (Doctrinal)

New Church teachings on the life after death studied in their own context and the context of the near-death experience and the history of eschatology. Text: *Heaven and Hell*.

3 Credits.

Religion 123. Introduction to the Old and New Testaments. (Scriptural)

Introduction to the various parts of the Bible, the history of the Israelites and Jews, the geography of Palestine, with an emphasis on the different methods of biblical interpretation, with special emphasis on New Church interpretation.

Religion 210. Divine Providence and Human Prudence. (Doctrinal)

The laws and fundamental principles by which the Lord governs creation. How the Lord removes evil from people while preserving their freedom. How the Lord brings good out of evil. Eternal life as the goal of providence. How providence uses natural conditions to serve this end. Why providence operates in secret. Text: *Divine Providence*.

3 Credits.

Religion 215. The Lord. (Doctrinal)

Introduction to New Church teachings about the Lord. Who is the God of the Biblical testaments? What was Jesus Christ's life on earth about? Special focus on seeing the Lord in the Scriptures, in scholarship, and in the teachings for a New Church.

3 Credits.

Religion 222. The Gospels. (Scriptural)

Detailed study of the four individual Gospels with attention to similarities and distinctions, historical context, and relationship to the Old Testament. Examination of the literal meaning and its significance to the modern life. Special attention to the nature of the First Advent and the testimony concerning Jesus Christ.

3 Credits.

Religion 273. Religion and Marriage (W. Doctrinal)

New Church doctrine concerning marriage. Includes the Divine origin of marriage; the nature of masculinity and femininity; the state of married partners after death; betrothals and weddings; separation and divorce; the role of the Ten Commandments in marriage; states of discord and coldness; adultery and other sexual disorders. Text: *Conjugal Love*.

3 Credits.

Religion 293. Comparative Contemporary Religions. (Comparative)

Survey of world religions as they are practiced today. Religions studied include Hinduism, Buddhism, Judaism, Christianity, Islam, and the New Church. This course includes three required week-end field trips to various religious centers.

3 Credits.

Religion 306. Universal Doctrines of the New Church II. (W, Doctrinal)

Continuation of Religion 305. Topics include faith, charity, free will, repentance, reformation and regeneration, imputation, baptism, and the holy supper. Special focus on the Second Advent and the New Church: what does God's coming entail? Text: *The True Christian Religion*.

3 Credits.

Religion 335. The Human Mind. (Rel335 W is W, Doctrinal)

Study of what the doctrines of the New Church teach about the structure and function of the human mind and how it relates to the brain. The discrete degrees of the mind. The faculties of will and understanding, their relationship and interplay.

3 Credits.

Religion 490. Religion Senior Project I.

For religion majors. One term is required. May be repeated for a second term with the consent of the division head.

3 Credits.

Sociology

Sociology 110. Introductory Sociology. (QR)

Research project utilizing techniques of participant observation, experimentation, survey/interview methods, and data analysis to discover the basic concepts of sociology and the study of human societies: social structure, culture, and socialization. Laboratory included.

4 Credits.

Writing

Writing 101. Expository Writing. (W)

Development of informative, critical, and persuasive writing. Emphases on grammatical control, precision of language, consideration of audience, rhetorical strategies, revision, information literacy, and articulation, development, and support of thesis. Three to five formal essays total, including substantial revision. Individual conferences with instructor to discuss student's writing. Required of first year students. Non-native speakers of English take Writing 101 sophomore year.
3 Credits.

Writing 202. Writing About Literature. (W, IL)

Analytic study of literary genres—drama, short fiction, and poetry—with emphases on writing and research. Assumes basic skills in writing and information literacy covered in Writing 101. Three papers, including substantial revision. One longer paper and its research process require locating, evaluating, and incorporating multiple secondary sources. Individual conferences with instructor to discuss student's writing. Required of sophomores. Prerequisite: Writing 101.
3 Credits.

Writing 212: Creative Nonfiction Writing (W)

A study of contemporary creative nonfiction—the use of traditional literary devices to express factual content. This workshop-style course includes the creative memoir, the humorous anecdote, artistic biography, and the personal interview. We will also address imaginative text-messaging, effective emailing and the art of blogging. Students will read representative writers, critique each other's papers, and learn about the ethics of public discourse, especially in relation to the opportunities and challenges of the digital revolution and the World Wide Web. Prerequisite: Writing 101.
3 credits.

Academic Reminders and Requirements

Make sure you have a tentative academic plan before you see your advisor to register for classes. Your advisor can provide information and perspectives that may help you make decisions, but it is your academic program. It is your responsibility to ensure it is the program you want and need.

Each term, choose three or four academic courses at the appropriate level. Full-time students must take at least 9 academic credits each term. However, to stay on track for a graduation in four years and maintain full eligibility for student loans, you will need to complete 31 credits per year. Full-time tuition covers 14.5 credits per term; additional payment is necessary for any more. Keep the following requirements in mind:

First Year Requirements

- Two religion courses (100-level) during the year including passing Religion 101 or 110
- Writing 101 (or English 100 for ESL students)
- Math 101 (or test out of it via Math placement test)
- At least 9 academic credits each term 100-level courses unless you get permission for upper-level courses
- To advance to second year status, you must complete residency requirements and at least 31 credits.

Second Year Requirements

- Two religion courses during the year
- Writing 202
- At least 9 academic credits each term 100- or 200-level courses unless you get permission for higher-level courses
- To advance to third year status, you must complete residency requirements and accumulate at least 62 credits. Fourth year status requires completion of residency requirements, accumulating at least 93 credits, and acceptance into a major program.

Third and Fourth Year Requirements

- One religion course each year (not 100-level)
- At least 9 academic credits each term
- Graduation requires completion of major, core, and residency requirements and completing at least 124 credits (some majors may require more). Additionally, a minimum of 120 credits must be academic (some courses carry non-academic credit, mainly PE courses).
- In addition to the residency requirements listed above, students interested in the following majors should register for the courses listed below in their first year:
- Biology: Bio122 & 123, Chem101 and/or Chem 110&111
- Education: Ed128, ESci110, Geog110, any 100-level History course, two math courses, Phil102, Rel101 or 110
- English: n/a (Recommended: Eng105)
- ID: 100-level requirements/recommendations from the appropriate areas
- History: any 100-level history courses (Recommended: 100-level anthropology, geography, political science, sociology courses)
- Psychology: Psyc101 (Recommended: Math130 and 100-level anthropology and/or sociology)
- Religion: Rel110 and either Rel115 or Rel125

Worksheets for Majors:

If you are interested in a particular major, please see the worksheets online. Major requirement worksheets are available on our website at the following location: <http://www.brynthyn.edu/academics/majors/forms.html>.

Graduation Applications:

Are you planning on graduating this May? Try filling out the graduation application to see what courses you might be missing. Graduation Applications are available on our website at the following location: <http://www.brynthyn.edu/academics/majors/forms.html>.

Student Online Registration Instructions:

- Go to: <https://emanuel.brynthyn.edu/sonisweb200>

- Click on "Students"
- Enter your PIN and ID (PIN is case sensitive, ID requires leading zeroes)
- Click on the "Registration" tab.
- At the top of the page, choose the appropriate year and term.
- Click on the "Submit" button.
- Select courses by clicking on the number in the "spaces" column (Selected courses will appear at the top of the page)
- After selecting courses, click on "Continue with Step 2" under the selected courses.
- Review courses and, if correct, click on button "Step 2 of 3 – Continue." (If not correct, click clear and restart button)
- Finalize by clicking "Return" button.
- If a course is full, you can add yourself to a waiting list by clicking the number in the "wait" column.

Notes:

You will need to see your advisor if you want to:

- audit a course
- conduct an independent study
- complete an internship
- take more than 14.5 credits

See the Undergraduate Student Handbook online for details.

Your advisor will guide you through the process of setting up an independent study or internship.

Please note that students and advisors will be unable to register for internships or independent studies through the online registration system. Internships and independent studies will be registered by the Registrar once the appropriate paperwork has been completed.

Core Program

The Core Program serves students in three ways: it helps them develop spiritual purpose; it teaches them to think broadly and critically from a variety of perspectives; and it empowers them with specific skills so that they may act effectively in the societies and workplaces of the 21st century.

Core Goals

Bryn Athyn College prepares willing students to become reflective individuals and useful citizens, conscious of spiritual reality and responsive to local, national, and international contexts. The Core Program encourages faculty to place each subject of study within a New Church spiritual context. The program develops across four years, with every course in the curriculum addressing, directly or indirectly, one or more of the following six goals:

- To strengthen analytical, written and oral communication, information, technological, quantitative, and scientific reasoning skills.
- To develop liberal arts skills in a focused field of study.
- To develop critical thinking skills across disciplines.
- To explore the diversity and commonality of human experience and values in order to enrich understanding of what is human.
- To nurture an inquiring spirit in the classroom, and well beyond, in relation to God, society, nature, and self.
- To foster personal ethics and encourage responsibility for the wellbeing of others.

Taken together, these goals underscore our commitment to all three dimensions of the Core Program: a New Church worldview, liberal arts perspectives, and skills associated with the ways educated people participate in society.

Core Requirements

In order to receive a liberal arts Bachelor's degree from Bryn Athyn College, students must fulfill both the proficiency requirements and the liberal arts perspectives requirements outlined below. Please note: except for restrictions on liberal arts perspectives (see below), courses may be used to fulfill multiple requirements of the Core Program. Students may fulfill all Core requirements through completing a minimum of 46 credits.

Core Proficiency Requirements

Proficiency requirements in Experiential Education (EE), Information Literacy (IL), Public Presentation (PP), Quantitative Reasoning (QR), Writing (W), and Language, Mathematics, or Programming. Students fulfill the EE, IL, PP, QR, and W requirements by attaining certain performance standards in these skill areas. To fulfill each requirement, students must pass both the course and the skill component embedded in the course. The specific skill-area requirements follow.

Experiential Education (EE)

Experiential education combines academic instruction, meaningful service, and outside-the-classroom experience to enhance students' learning and civic responsibility. Students complete two courses with a certified Experiential Education Component (EEC), or participate in any combination of designed Experiential Education (EE) offerings totaling at least one credit. These EE offerings include the service trips, internships, service projects, and designated EE courses listed below.

Courses with an Experiential Education Component (EEC)

Passing two of any of the following EEC offerings fulfills the Core EE requirement:

- Dance 130, 131/231, 132/232, 133/233, 134/234, 160/260/360, 331, 342; Theater 150

Experiential Education (EE) Courses

Passing any one of the following EE offerings fulfills the Core EE requirement:

- Internships: EE 198, or any 298, 398, 498 Internship
- Education 225, 402; Leadership 130, 121; Music 101; Psychology 341; Theater 120, 130
- Participation in a Bryn Athyn College supported service trip

Information Literacy (IL)

Information Literacy is the ability to locate, evaluate, and use information effectively.

All students must pass all of the following Information Literacy evaluations:

- A college entry level IL test, offered twice a year by BAC
- The IL component of any IL-certified course, or the IL component of Writing 202
- The IL component of any IL-certified course beyond #2 above (see list below)
- The IL component of the capstone project

IL-Certified Courses

- Biology 340; English 360; Fine Arts 101, 102, 201, 202, 210; History 114, 350; Human Society 301; ID 390; Math 205; Psychology 305; Religion 205, 210, 380; Writing 202.

Public Presentation (PP)

Public Presentation involves verbally communicating a message or an address to a group of people.

All students must pass **any one** of the following PP-certified courses and their PP components. In addition, all students must pass the PP component of the capstone project.

PP-Certified Courses

- Biology 232; Business/Psychology 202; Communication 105, 205; Education 128; Political Science 210; Psychology 205; Religion 320; Glencairn and Cairwood public tour guide internships.

Quantitative Reasoning (QR)

Quantitative reasoning applies mathematical concepts and skills to solve problems.

All students must pass **two** of the following QR certified courses and their QR components.

QR-Certified Courses

- Biology 110, 125; Chemistry 111; Computer Science 180; Economics 131, 132; Education 323; Math 101, 102, 115, 120, 125, 130, 140, 230; Music 113; Physics 180, 181, 210, 211; Sociology 110.

Note: Students who do not place out of Mathematics 101 with a sufficient SAT score or placement test score must complete Mathematics 101 (an introductory QR course) before taking any other QR course.

Writing (W)

This skill involves the ability to present a clear and coherent analysis, argument, report, or composition effectively in written form.

*All students must pass **all** of the following writing evaluations:*

- Writing 101 (first year)
- Writing 202 (second year)
- Any one additional 3-credit writing-certified course from the list of writing intensive courses below.
- The writing component of the capstone project

Writing-Intensive Courses:

- Anthropology/History 211; Business/Writing 220, English 235, 370; Hist/Psci 232; Religion 273, 306, 310, 311, 315, 335W; Writing 211, 212, 213, 311

Language, Mathematics, or Programming

This skill area involves using a symbolic system outside of one's native language.

All students must fulfill this requirement by passing:

- Any language through the second term of the 100-level
OR
- Calculus I (Math 150 or equivalent AP credit) or higher level mathematics of at least three credits
OR
- At least one credit in Computer Science at the 200-level.

Foreign Language Waivers

Students are eligible to receive waivers for this requirement by any of the following means:

- Language Placement test administered and evaluated by BAC Language Department faculty. These tests are available in French, German, or Spanish. Note that it is possible to pass out of only the first term of a language.
- AP Foreign Language test score of 3 or higher
- CLEP Foreign Language test score of 50 or higher
- SAT II Foreign Language Subject Test score of 520 or higher
- IB (International Baccalaureate) test score of 4 or higher
- A qualifying TOEFL score (international students only)
 - 520 or higher (paper)
 - 190 or higher (computer-based)
 - 70 or higher (internet-based)
- IELTS score of 5.5 or higher (international students only)
- Attendance of at least 3 years in or graduation from a High School in which English is not the main language.
- Documentation of appropriate-level proficiency from another accredited institution.
- Documentation of appropriate-level proficiency through the Oral or Written proficiency tests (OPI, OPIC, or WPT) offered by the American Council of Foreign Language Teachers (ACTFL). See the Core Committee Chair for more details.
- In addition to the above options, students who have proficiency in a language not offered at Bryn Athyn College may request a waiver for the foreign language requirement based on assessment by a qualified authority. In order to do so, students must follow the procedure outline

in the BAC Foreign Language Independent Assessment Instructions form. See the Core Committee Chair for more details.

Core Liberal Arts Perspectives Requirements

All students must fulfill the perspective requirements by completing the designated number of course credits in each area listed below. Credit applied to fulfill one perspective may not be used to fulfill another perspective. Internships do not fulfill Core perspective requirements, but do fulfill the experiential education requirements of the Core Program.

Aesthetic

Writing 211, Writing 212, or any dance, English (literature), fine arts, music, or theater course of three or more credits.

Civil

Any course with a primary focus on civic engagement of three or more credits from the following list: Philosophy/Political Science 220, Political Science 101, or Political Science 211.

History

Any history course of three or more credits.

Social Sciences

Any anthropology, business (not 141, 142, or 320), economics, geography, political science, psychology, or sociology course of three or more credits providing insight on human society.

Moral

Any course with a primary focus on fostering personal ethics of three or more credits from the following list: Business 301, Education 202, Philosophy 111, Philosophy 340, or Psychology 341.

Physical

Any dance or physical education courses totaling two credits promoting physical fitness, skill, kinesthetic awareness, sportsmanship, and/or health. Students who participate in intercollegiate athletic sessions may apply to receive a one PE credit waiver for each full season played.

Scientific

Any combination of biology, chemistry, earth science, or physics courses of three or more credits that add up to at least four credits focusing on nature and scientific investigation.

Spiritual

Any combination of religion courses that add up to at least 12 credits. Three credits must be at the 300-level, and six credits must be in doctrinal courses.

Worldviews

Any three-credit course focusing on human experience and values from the following list: Philosophy 102, Psychology 102.

Fall Term 2015-16 Graduate Courses

Business 864. Pastoral Business. Seminar.

The focus of this course will be an exploration of management and administrative activities, societal and legal obligations, budgeting and financial affairs, volunteer and employment issues, outreach and marketing functions, mission accountability, responsibilities to stakeholders, fund and friend raising, plus community relations from the perspective of a religious organization. In addition, the course will explore operational and long term planning along with the implementation of strategic initiatives to fulfill the organization's mission while improving efficiency and effectiveness.

3 Credits.

Education 631. Institutional Design. Seminar.

Instructional Methods and Design for Religion is a seminar survey course on educational methods for theological school students. Students are encouraged to reflect on their own experiences in education, analyze best teaching practices in light of the Heavenly Doctrine and develop ways to apply what they have learned in a variety of settings. Students work cooperatively and individually to design effective religious instruction. When designing instruction emphasis is placed on aligning learning goals, instructional methods and assessment practices.

3 Credits.

Experiential Learning:

Theologians spend an average of three hours a week for 30 weeks a year, in their Service Learning Assignments. Usually there is a change in assignment every ten weeks. The assignments involve interacting with people as aides to ordained and non-ordained leaders in this community. All of the assignments give the theologians direct experience relating to people in settings that are similar to what they will encounter, once they themselves are ordained ministers. Students are assessed by onsite supervisors on nine connecting skills. They are rated as demonstrating an Excellent, Good, Sub-par or Destructive level for each of the nine skills. Students meet as a group once a week for about an hour to receive coaching from a faculty member. Service Learning is usually part of the curriculum for first and second year theological students, for a total of 6 terms.

Workshop.

1 Credit.

Homiletics 921: Sermons from Old Testament Texts.

Theory and practice of sermon writing. Sermons will be from various styles in the Old Testament: from a made-up historical story, from an actual historical story, from a psalm. Workshop.

3 Credits.

Theology 628. Themes in the New Testament.

The character of the New Testament, seen in the light of the theological Writings of Emanuel Swedenborg (the "Heavenly Doctrine"). The nature of its inspiration and its place in the history of revelation. The focus is especially on the Four Gospels: their different ways of telling the Good News; major themes present in the individual Gospels and in the overall dispensation. (The Apocalypse will not be left out of this discussion, but is covered in greater detail in Theology 668.) There will be some attention to historical context, including a look at the Acts and Epistles. Seminar.

3 Credits.

Theology 646. Conversations on Marriage.

A study of the doctrines about marriage as contained in the work, Conjugal Love, with an emphasis on the pastoral issues concerning marriage. Concerned primarily with the teachings related to eternal marriage and the happiness it brings, this course also deals with current issues of gender difference. Seminar.

3 Credits.

Theology 691. Doctrine Concerning New Church Education.

The purpose of this course is to provide an introduction to doctrinal concepts and applications drawn from these concepts that have guided concerning New Church education. It will prepare the students to effectively present these

ideas in a variety of contexts. Resources and consultation available from the General Church of the New Jerusalem Office of Education are also introduced.
3 Credits.

Winter Term 2015-16 Graduate Courses

Communication 716. Topics in Communication.

Communication is one of the most important activities we engage in as humans. It is how we connect with the Lord, each other, and our world. As a pastor, learning to communicate effectively is essential. This course will explore communication topics and their practical application. Topics will include the role of persuasion in communication, listening skills, and available communication tools for pastors. The course will also address leadership and how to lead through change. A significant portion of the course will deal with structuring an effective oral message.

3 Credits.

Experiential Learning:

Theologs spend an average of three hours a week for 30 weeks a year, in their Service Learning Assignments. Usually there is a change in assignment every ten weeks. The assignments involve interacting with people as aides to ordained and non-ordained leaders in this community. All of the assignments give the theologs direct experience relating to people in settings that are similar to what they will encounter, once they themselves are ordained ministers. Students are assessed by onsite supervisors on nine connecting skills. They are rated as demonstrating an Excellent, Good, Sub-par or Destructive level for each of the nine skills. Students meet as a group once a week for about an hour to receive coaching from a faculty member. Service Learning is usually part of the curriculum for first and second year theological students, for a total of 6 terms.

Workshop.

1 Credit.

Homiletics 922. Doctrinal Classes and Children's Talks.

Preparation of doctrinal classes. Preparation and presentation of children's talks. Workshop.

1 Credit.

Theology 612. Doctrine of the Lord.

The systematic teachings of Swedenborg's theological Writings about the Lord: His essential nature from eternity; His relationship with us before the advent; why He needed to "come"; what He accomplished (redemption); how He accomplished it (glorification of His human); the enduring effect of the glorified Divine Human, and of His presence through it. In considering the Lord's glorification process we look at His conception, heredity, and development in the human. We especially look at the nature of His temptations, which were the means of His subjugating the hells. Seminar.

3 Credits.

Theology 668. The Apocalypse and Last Judgment.

Using the book of Revelation and the Apocalypse Revealed as guides, this course explores the process of the Last Judgment in 1757. Particular emphasis is placed on the Biblical correspondences that describe the states of the church and individuals in the Christian era, and how these states led to the downfall of the Christian Church and the establishment of the New Church. Seminar.

3 Credits.

Theology 844. Introduction to Pastoral Counseling I. Seminar.

An examination of the basic principles of counseling for individuals, including three facilitative conditions, three action conditions, and the micro boundaries inherent in all communication. Basic listening and responding skills are practiced in small groups and in role plays. Special emphasis is placed on recognizing problems that need to be referred to other professionals, when to make such referrals, and to whom these referrals should be made. Teachings from the Heavenly Doctrines are included that support the counseling process. Text: On Becoming a Counselor by Kennedy and Charles.

3 Credits.

Workshop 724: Speech II: Concepts in Interpersonal Communication.

Introduction to oral interpretation of literature. Advanced interpersonal communication theory and skills development. 3 Credits.

Spring Term 2015-16 Graduate Courses

Church History 687. New Church History.

Chronological and topical study of the rise and early development of the New Church in Europe and North America. The rise of the Academy movement and the development of the General Church of the New Jerusalem. Consideration of selected issues in modern church history. Emphasis on the history of doctrine. Seminar. 4 Credits.

Experiential Learning:

Theologs spend an average of three hours a week for 30 weeks a year, in their Service Learning Assignments. Usually there is a change in assignment every ten weeks. The assignments involve interacting with people as aides to ordained and non-ordained leaders in this community. All of the assignments give the theologs direct experience relating to people in settings that are similar to what they will encounter, once they themselves are ordained ministers. Students are assessed by onsite supervisors on nine connecting skills. They are rated as demonstrating an Excellent, Good, Sub-par or Destructive level for each of the nine skills. Students meet as a group once a week for about an hour to receive coaching from a faculty member. Service Learning is usually part of the curriculum for first and second year theological students, for a total of 6 terms. Workshop. 1 Credit.

Homiletics 923: Sermons from the Prophets and New Testament Texts.

Theory and practice of sermon writing. Sermons will be from the Prophetic style of the Old Testament, and from various styles in the New Testament. Workshop. 3 Credits.

Pastoral Theology 852. Liturgics: Orders of Services for Worship.

A practical course on constructing an order of service, examining the place and use of music, singing, the letter of the Word, prayer, lessons, the children's talk, sermon and benediction. There will be a major emphasis on developing a familiarity with the liturgy and practice of leading worship according to the standard General Offices, as well as contemporary, informal and home settings. The aim of this course is to prepare students to be able to comfortably lead a service in a variety of settings before their Candidate experience requires them to do so. Workshop. 1 Credit.

Practical Theology 862. Group Dynamics.

Analysis of human behavior in group settings that pastors experience: boards, spiritual growth groups, committees and congregations. Synthesis of concepts from New Church doctrine (leaders, useful communities, charity) and secular social psychology about individuals in group settings. The typical dynamics during the stages of group formation: forming, norming, storming, conforming and performing of groups. Various patterns of leadership and the different effects they have on group behavior. Attention given to social loafing, group-think, cooperation, competition, trust, polarization and deindividuation. Students will practice until they demonstrate competence at the level of Excellence in leading groups effectively, during role plays. Seminar. 3 Credits.

Theology 660. Doctrine of the Spiritual World: I.

Death, resurrection, early states after death, vastation, punishment.

This course covers the essential doctrine of death and resurrection. It traces the progress of spirits through the World of Spirits, including the process of individual judgment to heaven or hell, vastation and punishments of the evil. The course also explores the influence of the World of Spirits in human life in the natural world by means of spheres and associate spirits. Seminar. 3 Credits.

Theology 690. Doctrine Concerning New Church Evangelization.

The need for New Church education and evangelization and some of the doctrinal principles involved in it. Workshop.
3 Credits.

Theology 695. Dissertation Writing.

A serious study and written dissertation demonstrating the ability to present and explain doctrine. Required of all degree students. Individually advised.
3 Credits.