

**BRYN ATHYN  
COLLEGE  
PROGRAMS  
2015-2016**

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## Undergraduate Degree Programs

### Introduction

Bryn Athyn College offers a variety of liberal arts degrees and a pre-professional degree in Education. Students can earn a four-year Bachelor of Arts (BA) degree in Biology, Business, English, History, Human Society, Psychology, Religion, and Interdisciplinary programs. Four-year Bachelor of Science (BS) degrees are offered in Biology and Education. Students may also earn a two-year Associate in Arts (AA) degree with a variety of emphases.

All of the degree programs rest on the Core Program, which builds the foundational skills, knowledge, and perspectives with which students engage during their Bryn Athyn College education. Every liberal arts major requires the Core Program, and the Education major and the AA degree require a significant portion of the program.

## 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, 332, 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; 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 Cairnwood 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; Business 320; 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: Education 201, Philosophy 102, Psychology 102.

## Associate in Arts Degree

The associate in arts (AA) is a two-year liberal arts degree. The AA is not a prerequisite for a Bachelor of Arts (BA) or Bachelor of Science (BS) degree at Bryn Athyn College and is designed for students who are leaving Bryn Athyn College before completing a BA/BS. Therefore, students qualifying for a BA/BS may not also receive an AA. For students planning to complete degrees elsewhere, the AA degree can be a good guide for course selection.



### General Graduation Requirements for AA Degree

- A total of 62 credits. Of the 62 credits required for the AA, a minimum of 33 must be Bryn Athyn College credits and the last 27 must be in residence. *Note: Exceptions will be made in the final 27 credit requirement for those students in approved internships or approved courses or programs at other institutions.*
- Attendance at the College for at least three full-time terms.
- A cumulative GPA of 2.00 or better.
- A passing score on the Information Literacy test.
- The completion of the Core Requirements outlined below.
- The completion of the Core Skill Requirements outlined below.
- The completion of the Emphasis Requirements outlined below.

### Core Requirements for AA Degree

*Note: Core requirements may overlap with emphasis requirements.*

- |   |                   |
|---|-------------------|
| ▪ Religion (including service and religion internships)           | 9 credits         |
| <i>Note: six credits must be in religious doctrine.</i>           |                   |
| ▪ Moral or Civil course   | 3 credits         |
| <i>Note: may overlap with History/Social Science.</i>             |                   |
| ▪ Worldviews  | 3 credits         |
| ▪ Writing 101 and 202   | 6 credits         |
| ▪ Fine Arts, Music, Theater, Dance**, or Literature               | 3 credits         |
| ▪ Science   | 4 credits         |
| <i>Note: includes Biology, Chemistry, Earth Science, Physics.</i> |                   |
| ▪ History or Social Science                                       | 3 credits         |
| <i>Note: may overlap with Moral/Civil.</i>                        |                   |
| ▪ Physical Education or Dance**                                   | 1 credit          |
| <b>Total</b>  | <b>32 credits</b> |

### Additional Core Skill Requirements for AA Degree

- Passing the Information Literacy test
- Completing one course in QR and one course in either PP or IL.\*

\*Successful completion of the IL component of Writing 202 fulfills the IL course requirement for the AA degree.

\*\* Dance credits fulfilling requirement #5 may not also fulfill #8 and vice versa.

### Emphasis Requirements for AA Degree

*All students must choose one emphasis from this list below and meet the corresponding requirements listed.*

Art:

- Nine credits in dance, fine arts, music or theater, with at least three credits at the 200-level or higher

- At least three of these credits must be in art history

**Biology:**

- Biology 122 and Biology 123 or equivalent AP credit
- Three credits in biology at the 200-level or higher
- Any three credits physical science or mathematics

**Education:**

- Nine credits in education with at least three credits at the 200-level or higher

**English Literature:**

- Six credits of English literature beyond Writing 101 and Writing 202

**History:**

- Nine credits in history with at least three credits at the 200-level or higher

**Language (any):**

- Six credits in a single language at the 200-level or higher

**Mathematical Sciences:**

- Mathematics 150 and Mathematics 151 or equivalent AP credit
- Three credits of computer science or mathematics at the 200-level or higher

**Philosophy:**

- Philosophy 101, Philosophy 102, and Philosophy 111
- Three credits of Philosophy at the 200-level or higher

**Psychology:**

- Nine credits in psychology with at least three credits at the 200-level or higher

**Religion:**

- 15 credits in Religion with at least six credits at the 200-level or higher
- At least three credits in Scriptural religion and at least three credits in comparative religion
- Courses used to meet residency requirements may be used to fill these requirements
- Core requirements must include both a moral course and a civil course

**Social Science:**

- Nine credits in anthropology, economics, political science, or sociology
- With at least three credits at the 200-level or higher

### Core Requirements for Pre-Professional AA Programs:

1. Religion (including service and religion internships in religious doctrine)	9 credits (six credits must be
2. Writing 101 and IL test	3 credits
3. One QR course	3 credits
4. Coverage: at least 3 credits in any three core disciplines beyond religion (moral, civil, aesthetic, history, science, social science, worldview, physical education)	9 credits
Total	24 credits

The above requirements are embedded in the pre-professional AA program and are not in addition to the requirements of the pre-professional AA. QR course may overlap with any other requirement. Dance may count toward aesthetic requirement or physical education requirement, but not both. Pre-professional AA requires completion of 62 credits. Students may earn a pre-professional AA in the same year that they earn a baccalaureate.

### Building Arts AA Requirements (a pre-professional AA program):

#### Core Courses:

• Three religion courses (9 credits)	9 credits
• Math 101 (or placement out of Math 101)	0 or 3 credits
• Writing 101	3 credits
• Economics 131 (Macroeconomics) or Economics 132 (Microeconomics) (QR course)	3 credits
• History 211 (Artifacts, Archeology, and Museums) or History 270 (Archives Theory)	3 credits
• Science (Chem 101, 110, Earth Science 110, Physics 180, or 210)	4 credits
	Total: 22-25 credits

#### Program Specific Lecture Courses:

• FA 121 (Building Arts Foundation)	3 credits
• FA 102 or FA 112/212 (Art History)	3 credits
• FA 204 (Building Materials)	3 credits
• FA 213 (Bryn Athyn's National Historic Landmarks)	3 credits
	Total: 12 credits

#### Program Specific Studio & Practice Courses:

• FA 122 (Forging)	3 credits
• FA 128 (Stained Glass)	3 credits
• FA 140 (Drawing and Painting)	3 credits
• Two of FA 120 (Metals), FA 130 (Ceramics), or FA 126 (Stone Carving)	6 credits
• FA 198 (Internship, on campus)	2 credits
• FA 228 (Stained Glass), or FA 222 (Forging), or 200 level stone carving internship	3 credits
• FA 232 (CAD)	3 credits
• FA 298 (Internship in Forging, Stained Glass, or Stone Carving)	2 credits

- FA 299 (Independent Study in Forging, Stained Glass, or Stone Carving) 3 credits
- Total: 28 credits

Total Program Requirement: 62 credits

## **Nursing Program**

The Nursing Program is a four-year program, run in partnership with the Jefferson Nursing School of Thomas Jefferson University in Philadelphia, leading to a baccalaureate in nursing degree (BSN). Students enrolled in the program spend the first two years completing core science requirements at Bryn Athyn College, followed by two years of nursing curriculum at Jefferson. Students may choose from two program options: a dual-admission program for high school seniors who apply simultaneously to Bryn Athyn College and Jefferson Nursing School; and a transfer option for students enrolled at Bryn Athyn College who desire to apply for a transfer to Jefferson.

### **Admission Requirements for the Nursing Program**

- Dual Admission Program: Simultaneous application to Bryn Athyn College and Jefferson School of Nursing
- Transfer Option: Application to Jefferson School of Nursing

### **Application to the Nursing Program requires:**

- Dual admission applicants must have an overall high school GPA of 3.0 and an SAT score of 1000 (Reading and Math sections only).
- All applicants must complete the required program courses at Bryn Athyn College with an overall GPA of 3.0 and grades of “C” or better in all required program courses prior to transfer to Jefferson.

### **Course Requirements for Nursing Program**

- Introduction to Biology for Nursing Students (Biology 124)
- Anatomy and Physiology I & II (Biology 210/220)
- Microbiology (Biology 250)
- General Chemistry I & II (Chemistry 110/111)
- Statistics (Mathematics 130)
- Introduction to Psychology (Psychology 101)
- Abnormal Psychology (Psychology 201)
- Human Development: Lifespan (Psychology 204)
- Nutrition (Health 110)
- College Algebra (Math 115) or higher
- Introductory Sociology (Sociology 110)
- Expository Writing (Writing 101)
- Writing About Literature (Writing 202)
- Religion: Any four religion courses

- First Year Seminar (FYS 101)
- Electives
  - Six credits from among the following: Anthropology 110; Philosophy 101 or higher

## Baccalaureate Degrees

### Introduction

The Bachelor of Arts (BA) and Bachelor of Science in Biology (BS) degrees are four-year liberal arts degrees. Students can earn a four-year BA degree in Biology, Business, English, History, Human Society, Psychology, Religion, and Interdisciplinary programs. Four-year BS degrees are offered in Biology and Education. Students should declare a major before the end of their second year. Students cannot advance to fourth-year status if they have not been accepted into a major. Each major has different application procedures; therefore, interested students should contact the director of the program they have chosen.

### General Graduation Requirements for a Bachelor's Degree:

- At least 124 credits, with a minimum of 120 academic credits.<sup>1</sup> A minimum of 62 credits must be Bryn Athyn College credits and the last 27 must be in residence. *Note: Exceptions will be made in the final 27 credit requirement for those students in approved internships or approved courses or programs at other institutions.*
- A cumulative GPA of 2.00 or better.<sup>1</sup> *Note: individual majors may have higher requirements.*
- A passing score on the Information Literacy Test.
- The completion of the Core Program Requirements outlined above.
- The completion of college Residency Requirements outlined in the Undergraduate Student Handbook.
- The selection of a major and the completion of that major's requirements as explained in the corresponding program section that follows.

### Biology Major

The Biology Major is a four-year program leading to a baccalaureate degree. Students may choose from two degree program options: a Bachelor of Science (BS) and a Bachelor of Arts (BA). The BS degree program is recommended for those who plan to continue their education in graduate school or medical school. The BA degree is a general liberal arts program that prepares graduates for a variety of career fields.

### **Admission and Graduation Requirements for a BA or BS Degree in Biology**

Applications (available in the College Office) should be addressed to the Biology Program Director, Dr. Fredrik Bryntesson.

**Application** to the BS or BA Biology major requires:

- Completed at least 18 credits, with at least 7 in science.
- Compiled a cumulative GPA of at least 2.00, and at least a 2.50 GPA in science courses.

**Graduation** with a BS or BA Biology degree requires:

- 124 credits
- A cumulative GPA of at least 2.00.
- A grade of C- or better in all courses used to fulfill the major course requirements.
- The completion of the Core and Residency Requirements.
- A passing score on the Information Literacy Test.
- The completion of the major's Course Requirements outlined below, including a senior project (Biology 495). The project is under the supervision of a faculty member at Bryn Athyn College or another institution. Proposals for this project must be submitted by the students in the spring of their junior year as part of the Research Seminar course (Bio 380).

### **Course Requirements for BS in Biology**

- Introduction to Biology sequence (Biology 122L and 123L)
- Genetics (Biology 230)
- Cell Structure and Function (Biology 232)
- Ecology (Biology 235L)
- One organismal biology (Biology 210L, 220L, 225L, 240L, 245L or 250L).
- General Chemistry (Chemistry 110L and 111L) and one term of Organic Chemistry (Chemistry 210L)
- Statistics (Mathematics 130)
- Calculus (Mathematics 150L)
- Physics 180L or 210L.
- Biological Laboratory Techniques (Biology 373)
- At least two other upper level lab courses (total 4 credits upper level lab)
- Philosophy 340
- Research Seminar (Biology 380)
- Seminar series (Bio 490, 492) required in senior year
- Three additional 200/300-level biology courses, one of which must be 300- level. Anthropology 260 fulfills one of these electives.
- Senior project (Biology 495)

### **Course Requirements for BA in Biology**

The requirements for the BA degree in biology are the same as those for the BS degree except for the following:

- Mathematics 125 or Mathematics 140 may be taken in the place of Mathematics 150L (but then language core requirement must also be met)
- Physics is not required
- Biological Laboratory Techniques (Bio 373) OR at least two other upper level lab courses are required
- The three upper level course requirement may include one of either: Earth Science 110L or Biology 110L if taken before junior year
- Two additional upper level science or mathematics courses beyond other requirements (Anthropology 260 fulfills one of these requirements)

### **Business Major**

The Bachelor of Arts in Business will give students a strong foundation in ethics, key internship opportunities, and an array of the liberal arts skills identified by the Association to Advance Collegiate Schools of Business as most valued by current employers. In addition to gaining competency in the subjects of traditional business programs, students will be challenged to consider the moral and spiritual dimensions of financial decision making: supported by the New Church teachings on charity, honesty, and useful service. Building on the cross-disciplinary approach of the core curriculum, Business Majors will be encouraged to develop the broad perspective needed for navigating, adapting, and innovating in a dynamic modern economy.

### **Admission and Graduation Requirements for a BA in Business**

Applications for admission should be addressed to Business program advisor Ethan King.

**Application** to the Business major requires:

- A grade of B- or better in Economics 131 or Economics 132
- A grade of C- or better in Mathematics 130, Mathematics 140, or Mathematics 150 (or AP credit).

**Graduation** with a Business degree requires:

- 124 credits
- A GPA of 2.00
- A passing score on the Information Literacy Test
- The completion of the Core and Residency Requirements.
- A grade of C- or better in all courses used to fulfill the major course requirements.

- Fulfillment of the major Course Requirements, including the completion of a capstone project.
- Completion of courses or internships in a management focus. Current options include marketing, sports, and museum/landmark management. Other options may be added.

### **Course Requirements for Bachelor's Degree in Business:**

Major course requirements may overlap with Core requirements where possible.

- Macroeconomics and Microeconomics (Economics 131 and Economics 132)
- Accounting I and II (Business 141 and Business 142)
- Statistics (Mathematics 130 or Mathematics 330) and either Elements of Calculus or Calculus I (Mathematics 140 or Mathematics 150)
- Human Resource Management (Business/Psychology 202)
- Business Communication (Business/Writing 220)
- Principles of Management (Business 257)
- Business Ethics and Corporate Social Responsibility (Business 301 and Business 302)
- Financial Management (Business 320)
- Research Seminars and Senior Project courses (Business/ID 390, 493, 494, 495, and 496)
- One Business or Economics Elective (Economics 231, Economics 232, Business 254, Business 351, others may be added to this list)
- One Management tools course (Communications 205, Business/Computer Science 215, Business/Mathematics 380, others may be added to this list)
- 9 credits within an approved area of a management focus.
  - At least 3 credits must be in internships
  - At least 3 credits must be in coursework
  - Approved areas include marketing, sports, and museum/landmark management, others may be added.

### **Early Childhood Education Major**

The Early Childhood Education Major offers a program that fulfills Pennsylvania Department of Education certification requirements. This course of study also offers students a rich background in New Church educational philosophy, teaching competencies, and preparation for teaching in New Church schools. Students entering the program will be able to earn a Bachelor of Science degree in Early Childhood Education (ECE), which spans birth through age 9 and grade levels pre-kindergarten through grade four. Upon completion of the program outlined below, students will receive their degrees from Bryn Athyn College and be able to apply for state certification through Holy Family University.



The timeline for completing this degree program is well mapped out for those students who enter college knowing their goal is to become a teacher. Occasionally a student may find it necessary to take a course at Holy Family University, and every student will do their student teaching there through a consortium agreement with Bryn Athyn College. Tuition for the semester of student teaching at Holy Family is paid by each student through the Bryn Athyn College bursar's office.

All students are required to complete the full program, but it should be noted that international students are ineligible for state certification. These students should meet with the Education Program Advisor, Nina Phillips, to discuss a program that best fulfills the degree requirements and suits the individual student's professional goals. All international students' programs must be approved by the Chair of the Early Childhood Education Department and the Dean of Academics.

### **Admission and Graduation Requirements for a BS degree in Early Childhood Education:**

Students considering a major in Early Childhood Education should meet with Nina Phillips, the Education Program Advisor, as soon as possible to ensure their courses align with major requirements.

**Application** to the Early Childhood Education major requires:

- Completion of at least 18 credits
- Have a GPA on track to achieve a 3.0 by graduation. (Only students who graduate with a 3.0 GPA are eligible for state certification. Students who do not achieve a 3.0 GPA can still graduate with a degree in early childhood education, but they cannot be certified to teach in a public school).
- A record of good attendance and punctuality in order to participate in the required field experiences.
- Formal acceptance into the major requires a letter submitted to the Chair of the Early Childhood Education Department, Angela Rose, clearly stating reasons for seeking admission to the major.

**Graduation** with an Early Childhood Education BS degree requires:

- 131 credits
- A cumulative GPA of at least 2.00
- The completion of the Core and Residency Requirements
- A passing score on the Information Literacy Test
- Completion of the major's Course Requirements and Field Experience Requirements listed below
- A passing score on the Pre-service Academic Performance Assessment (PAPA), a test (see below) which students should take at their own expense before the end of their second year. Score report must be submitted to the head of the Education Department at BAC.

## **Course Requirements for BS in Early Childhood Education**

### **General Education Courses**

- Religion residency requirements (Rel 335 recommended)
- Philosophy 102
- Writing 101, 202
- History 225 or 230
- Geography 110
- Mathematics: 6 credits
- Science: 2 lab courses (Biology 110 & Earth Science 110 recommended)
- 12 additional credits to be chosen from the following areas, with no more than 6 credits in one area: humanities, Hist 114, 115, or 117, social science, math, science, fine arts (FA 251 and DAN 260 recommended)

### **Early Childhood Education Courses**

- Education 128
- Education 217
- Education 218
- Education 219 (Literacy)
- Education 271
- Education 272
- Education 273 (Child Development)
- Special Education 211
- Special Education 312
- Special Education 313
- Education 322
- Education 323
- Education 324 (Content area methods)
- Education 331
- Education 332
- Education 333 (Seminar)
- Field Experience 1, 2, 3, 4 (optional) & 5
- EDEC 401 (Student Teaching at Holy Family University)

## **Field Experience Requirements for BS in Early Childhood Education**

The Bryn Athyn College Education program is heavily steeped in the practical application of the skills and practices acquired in courses.

- During the third year students will spend two days a week in an ECE classroom giving them 360 hours of experience with students and teachers in that setting. This field placement is excellent preparation for student teaching in the senior year.
- Students must have a record of good attendance and punctuality in order to participate in the required field experiences.
- Students must also have an academic record that demonstrates readiness for field experience placement.

## **State Certification Requirements**

- Meeting of Clearance Requirements (see below)
- A cumulative GPA of at least 3.00 upon graduation
- Passing scores on the Pennsylvania Educator Certification Tests (the PAPA and the PECT, described below)
- Submission of copies of the form PDE430 upon completion of student teaching
- Participation in an exit interview prior to graduation

### Clearance Requirements

Commonwealth of Pennsylvania's School Code requires that students in teacher preparation programs have current background checks. Candidates for field placement must have current clearances before entering a school building. Therefore candidates must obtain the following clearances before the beginning of junior and senior year.

- Tuberculosis (PPD) Test
- PA Child Abuse Clearance (Act 151)
- PA Criminal History Background Check (Act 34)
- Federal/Criminal History Record/Fingerprinting (Act 114)
- Arrest/Conviction Report and Certification Form (Act 24)

*Visit Holy Family School of Education's website ([holyfamily.edu](http://holyfamily.edu)) for more information on where and how to obtain clearances.*

### Pennsylvania Educator Certification Tests

- Students must take the Pre-service Academic Performance Assessment (PAPA) at their own expense before the end of their second year. The PAPA consists of three basic skills tests in reading, writing, and mathematics. Passing scores are required for students to be eligible for state certification. Students should have score reports sent to Holy Family University. Students should also request a copy of the score report for themselves and make a copy for the Chair of the ECE Department at Bryn Athyn College.
- Education majors who seek state certification also will be required to pass the Pennsylvania Educator Certification Test (PECT) upon completion of their program. Students should have score reports sent to Holy Family University. Students should also request a copy of the score report for themselves and make a copy for the Chair of the ECE Department at Bryn Athyn College.

## English Language and Literature Major

The Bachelor of Arts in English Language and Literature gives the student a firm background and skills in reading, writing, and criticism—tools that are vital for effective work in many segments of society. The program also provides a solid foundation for graduate study in a number of disciplines. The program immerses the student in the cultural wealth of literature written in or translated into English. The major offers two

tracks: the Language and Literature Track, and the Writing Track. These tracks are outlined below.

### **Admission and Graduation Requirements for a BA in English**

Applications for admission should be addressed to Robin Cooper, the English program advisor.

**Application** to the English major requires:

- At least 18 credits with a minimum GPA of 2.50 overall, and 2.70 in English and Writing courses.

**Graduation** with an English degree requires:

- 124 credits
- A GPA of 2.50
- A passing score on the Information Literacy Test
- The completion of the Core and Residency Requirements.
- Fulfillment of the major Course Requirements, including the completion of a capstone project (English 499 for Language and Lit Track, English 490 and 491 for Writing Track)
- Completion of courses in a Concentration Area: Four courses (12 credits) to be chosen from one area other than the major (two courses at the 200-level or higher; two courses at the 300-level or higher). The chosen area must be approved by the program advisor.
- Technology component requirements. Please consult with the English program advisor on options for fulfilling these requirements.

### **Course Requirements for Bachelor's Degree in English:**

(In addition to Core and Residency requirements, although major course requirements may overlap with Core requirements if applicable).

#### **Language and Literature Track:**

Communication 105

Writing 213

English 218 & 219

English 220 & 221

English 235

English 320

One additional 200-level English or writing course

Four additional 300-level English courses

English 499 (1-credit supplement to 300-level English course. This extra credit requires the student to write a paper beyond the standard length of the final paper for the course).

#### **Writing Track:**

Communication 105

Writing 211 & 213

One of: Writing 212 or Writing 311

English 218 & 219  
 English 220 & 221  
 English 235  
 English 320  
 Two additional 300-level English courses  
 English 490 & 491 (senior writing project\*)

\* The senior project for the Writing Track involves a major effort in some area of writing to be produced under the supervision of an advisor. The project could include a collection of short fiction, poems, or essays, critical analysis, a segment of a novel or play, or some other project that reflects the student's best focused efforts in writing. The project involves the student over a two-term period of the senior year.

## History Major\*

*\*Please note: this major will only continue to be offered for students graduating in or before 2015-16. The Human Society Major replaces the History Major and is available from 2014-15 forward.*

The Bachelor of Arts in History focuses on the history of human societies and encourages students to explore the variety and commonality within and between those societies. Students can expect to investigate the human condition in a range of eras and places and to reflect on how humans have lived, interacted, and searched for meaning in their lives. Through their course of study, history majors also sharpen their research, writing, and analysis skills—abilities useful both in the workplace and in graduate school settings.

### Admission and Graduation Requirements for BA in History

Applications for admission should be addressed to the history program advisor, Dr. Wendy E. Closterman.

**Application** to the History major requires:

- At least 11 academic credits
- A minimum overall GPA of 2.00
- Completion of at least one of the 100-level major course requirements with a grade of C- or better.

**Graduation** with a Bachelor's Degree in History requires:

- A total of 124 credits
- A minimum overall GPA of 2.00

- A grade of C- or better is required in all courses used to fulfill the major course requirements.
- The completion of the Core and Residency Requirements.
- A passing score on the Information Literacy Test.
- Completion of the major's Course Requirements as listed below.

### **Course Requirements for a Bachelor's Degree in History**

- 100-Level Requirements (5 courses; 15 or 16 credits):  
History 114, 115, 117, and two of the following: Anthropology 110, Economics 131, Geography 110, Political Science 101, Sociology 110
- Distribution Fields (9 courses; 27 credits):  
Total of 9 courses required with the following distribution:
  - Minimum of 2 courses from The Institutions of Human Society
  - Minimum of 1 course from each of the other 3 areas (Ancient Societies, Early Modern Societies, and Contemporary Societies)
  - Minimum of 5 courses in history
  - Minimum of 3 history courses at the 300-level
  - A discipline-related internship or a major-related 200-level or above course from another discipline can count as one of the 9 courses

#### The Institutions of Human Society Courses:

Anthropology/History 211  
 Anthropology 213, 240, 260, 315  
 History/Sociology 290  
 Political Science 210, 211, 212  
 Political Science/Philosophy 220  
 Sociology 212, 218, 340

#### Ancient Societies Courses:

History 207, 240, 310  
 History/Fine Arts 308

#### Early Modern Societies Courses:

History 212, 213, 215, 216, 225, 230 245, 305, 315, 350

#### Contemporary Societies Courses:

History 217, 219, 330  
 History/Political Science 232, 346

#### Capstone Seminars (3 courses; 9 credits):

History 301, 401, 402

#### Religion (2 courses; 6 credits):

Either Religion 210 or Religion 320  
 One course from the following: Religion 210, 220, 221, 222, 283, 284, 295, 296, 320, 380

## Human Society Major

The Human Society Major uses a multidisciplinary approach to examine people and institutions in the context of societies in order to evaluate individual and collective choices. The disciplines of anthropology, history, political science, and sociology offer key methodologies for investigating major institutions of human society conceptually, comparatively, and through case studies (both historical and contemporary). The pursuit of this Bachelor of Arts degree helps to prepare students to participate in society in professional, civic, and personal capacities. It also encourages students to reflect on and determine their own choices as they engage in society. The program takes a cross-disciplinary approach to studying human society and is underpinned by a New Church understanding of the importance of society. Through their course of study, human society majors also sharpen their research, writing, and analysis skills—abilities useful both in the workplace and in graduate school settings.

### Admission and Graduation Requirements for a BA in Human Society:

Applications for admission should be addressed to the Human Society program advisor, Dr. D. Greg Rose.

**Application** to the Human Society Major requires:

- At least 11 academic credits
- A minimum overall GPA of 2.00
- At least one of the 100-level major course requirements with a grade of C- or better.

**Graduation** with a BA in Human Society requires:

- A total of 124 credits
- A minimum overall GPA of 2.00
- A grade of C- or better is required in all courses used to fulfill the major course requirements.
- The completion of the Core and Residency Requirements.
- A passing score on the Information Literacy Test.
- Completion of the major's Course Requirements as listed below.

### Course Requirements for the BA in Human Society

- 100-Level Requirements (4 courses; 12 or 13 credits): Four of the following: Anthropology 110, Economics 131, Geography 110, History 1xx (any 100-level history course), Political Science 101, Sociology 110
- Seminars (3 courses; 9 credits): Human Society 301, 401, 402
- Perspectives on Human Society (12 courses; 36 credits):  
Total of 12 courses required with the following distribution:
  - At least one course from each perspective listed below.
  - Minimum of 3 courses at the 300-level
  - Maximum of 2 religion courses count towards the 12 required

- A discipline-related internship or a major-related 200-level or above course from another discipline can count as one of the 12 courses

The Anthropological Perspective:

Anthropology/History 211, Anthropology 213, 240, 260, 305, 315, 320

The Historical Perspective:

History 207, 212, 213, 217, 225, 230, 240, 245, 276, 305, 310, 315, 330, 350

The Political Perspective:

Political Science 210, 211, 212, 220, 232, 260, 305, 346

The Religious Perspective:

Religion 283, 284, 293, 295, 296, 320, 380

The Sociological Perspective:

Sociology 212, 218, 290, 305, 340

## **Interdisciplinary Major\***

The Interdisciplinary Major, which leads to an Interdisciplinary Bachelor of Arts degree, presents a unique opportunity for students to combine studies in two of a number of selected liberal arts areas and develop, in a structured way, the interrelationships of different fields of knowledge.

*\*Please note: Business as a primary area in the interdisciplinary program will only continue to be offered for students graduating in or before 2015-16. The Business Major replaces this program and is available for applicants starting in early 2015. Business will continue to be available as a secondary area and as an area within the advanced interdisciplinary program.*

### **Admission and Graduation Requirements for an Interdisciplinary BA Degree**

Applications for admission should be addressed to the Interdisciplinary program advisor, Dr. Neil Simonetti.

**Application** to the ID major requires:

- Meeting of the admission standards particular to the student's chosen primary ID area. These standards are outlined under each of the primary ID areas (Business, Fine Arts, Mathematics, and Advanced) described below.

**Graduation** with an Interdisciplinary BA degree requires:

- A total of 124 credits
- A minimum overall GPA of 2.00



- The completion of the Core and Residency Requirements
- A passing score on the Information Literacy Test
- A grade of C- or better is required in all courses used to fulfill the major course requirements, including the capstone courses
- Choice of a Major (primary discipline) and a Secondary Area (secondary discipline) from the lists below, and completion of the corresponding Course Requirements, including the capstone sequence (ID 390, 493, 494, 495, and 496)
- A 3-credit internship or independent study project in the main ID discipline, as described below

### **ID Combination Options:**

#### **Business Interdisciplinary Major (Director: Ethan King) [See note above]**

This program can be combined with any of the following areas: fine arts, mathematics, philosophy, or psychology. The capstone experience is an internship with a companion research paper. Before applying, students should have a grade of B- or better in any economics course and a grade of C- or better in either Math130 (Statistics) or Math150 (Calculus I).

#### **Fine Arts Interdisciplinary Major (Director: Dr. Martha Gyllenhaal)**

This program can be combined with any of the following areas: business, English, philosophy, psychology, or religion. The capstone experience is an art or dance project with a companion research paper. Before applying, students should have a grade of C- or better in FA101 or FA102, and either a studio arts course or a dance course (excluding ensemble courses).

#### **Mathematics Interdisciplinary Major (Director: Dr. Neil Simonetti)**

This program can be combined with any of the following areas: biology, business, philosophy, physical science, or psychology. The capstone experience is a mathematics project with a companion research paper. Before applying, students should have a grade of B- or better in Math151 (calculus II), or equivalent AP credit, or an average of C+ in the last two 150+ level mathematics courses taken.

#### **Advanced Interdisciplinary Major (Director: Dr. Neil Simonetti)**

This program can combine any two areas listed below except physical science. The capstone experience is a research paper that addresses a topic related to the two areas chosen. The requirements for this capstone paper are higher than those of the other interdisciplinary programs above, and therefore enrollment in the Advanced Interdisciplinary Major is limited to only the strongest students. See the director for information on the requirements to enter this program.

**ID Major Course Requirements:**

ID majors should fulfill the course requirements listed for each of their two disciplines below.

**Biology:**

- Biology 122
- Biology 123
- Biology 232
- Any three additional 200+ level 3- or 4-credit courses in Biology
- Chemistry 110, and 111
- Mathematics 130 or 330
- One seminar course: Biology 490 or Philosophy 341

**Business:**

- Business 141
- Business 301
- Business 320
- Business 254 or 257
- Bus/Writ 220
- Bus/Psyc 202 or Business 351
- Economics 131 or 132 with a grade of B- or better
- Mathematics 130 or 330

**Computer Science:**

- CSci180 (structured programming)
- CSci220 (data structures)
- Math230 (linear algebra)
- 9 additional upper level credits in Computer Science
  - 6 of these 9 must be 300-level or higher
  - Up to 3 of these credits may be in Math courses with a computing component.

**Education:**

- Any one of the following:
  - Education 128 – Intro to Education
  - Education 201 – Foundations of Education
  - Education 271 – Intro to Early Childhood
- Special Education 211 – Intro to Special Education
- Education 324 – Science and Young Child
- Any three credits in an education methods or human development
- Psychology 340 – Educational Psychology
- At least one credit of field experience or internship

**English & Writing:**

- Communications 105 – Public Speaking

- Plus two of the following:
  - English 218 – American Literature Survey I
  - English 219 – American Literature Survey II
  - English 220 – British Literature Survey I
  - English 221 – British Literature Survey II
  - English 235 – Shakespeare
- Plus two of the following (at least one must be at the 300-level):
  - English 215 – Great Books 1: Classical Literature
  - English 216 – Great Books 2: Renaissance and Neoclassical Literature
  - English 217 – Great Books 3: 19<sup>th</sup> and 20<sup>th</sup> Century Literature
  - Any English 3XX level course.
- Plus one of the following:
  - Writing 211 – Creative Writing
  - Writing 212 – Creative Non-Fiction Writing
  - Writing 213 – Advanced Rhetoric and Composition
  - Business/Writing 220 – Business Communications

### Fine Arts:

#### Studio Art track:

- Fine Arts 101 or 201 and Fine Arts 102 or 202. One must be at the 200-level. If both are taken at the 100-level, any additional 200+-level 3-credit Art History course is required
- Any 300-level 3-credit Art History course
- Any 200-level 3-credit Studio Art course and a 300-level Studio Art independent study
- Any additional 200+-level 3-credit Art History, or Anth/Hist211 or Hist270, or 3 credits of internship

#### Dance track:

- Any two 200-level Dance Style Courses
- 200-level Dance History or Dance Pedagogy
- Dan 260, Dan 360, Ensemble
- Dan 331, Advanced Modern Dance
- Dan 332, Choreography and Composition
- Any additional 200+-level 3-credit Dance, or Art History, or Anth/Hist211, or 3 credits of internship.

### Mathematics:

- Mathematics 150, 151, and 230
- Four additional courses at the 200-level or higher, with at least two at the 300-level.
- One of these 200-level courses may be replaced by CSci220 or Phys210.

### Philosophy:

- Philosophy 101, 102, 111, 220, and 311

- Religion 272, 273, 278 or 335
- Any additional 200+ level course in philosophy
- Religion 205 or 210
- Any additional 300+ level course in philosophy
- Mathematics 102, 130, or 330

**Physical Science (not available in advanced):**

- Chemistry 110, 111, and 210
- Physics 210
- Chemistry 211 or Physics 211
- Mathematics 250 and 311
- Any two 300-level courses, independent studies, or internships in chemistry or physics

**Psychology:**

- Psychology 101, 230, and 330
- Mathematics 130 or 330
- Any three of psychology (201, 203, 301, 305, 307, at least one at the 300-level)
- Or any three of psychology (202, 204, 205, 220, 240, 341, at least one at the 300-level)
- Religion 335

**Religion:**

Please note: All religion courses below must be beyond the first and second year residence requirement.

- One comparative course: Religion 283, 284, 293, 295, or 296
- One scriptural course: Religion 220, 221, 222, or 223
- Any two 300-level religion
- Any additional 200+ level religion course or a course from the following list:
  - History 240, 310, 350; Philosophy 310, 311, 320, 321; Sociology 340;
  - Greek, Hebrew, or Latin at the 200-level

**Please note that:**

- If a cross-listed course is used to fill discipline-specific requirements in two areas (such as Bus/Psy202 in both Business and Psychology or Bus/Wr220 in both Business and English), an additional elective in one of the disciplines at an equivalent or higher level is required. A course filling a requirement in a supporting discipline (such as Math330 in Philosophy or Rel335 in Psychology) may be used to fill a requirement in any other discipline as well.

### **Required ID Capstone Sequence Courses:**

In addition to completing course requirements above, students in the ID major also undertake a capstone experience involving a senior research essay completed during ID 495. The capstone brings together the two academic areas within the context of New Church doctrine. The senior research essay is completed under the guidance of an individual faculty advisor.

The capstone experience requires the following:

- A 3-credit internship or independent study project in the main ID discipline. Juniors should meet with Laura Nash to set up internships, or with Neil Simonetti to choose a project and an advisor. Internship credit may be broken into units smaller than 3 credits, but a total of 3 credits is needed to fill a 3-credit requirement. If the Glencairn Museum internship is used to fill the fine arts internship requirement, a full year must be completed.
- Junior year, spring term: ID 390. Research Seminar 1
- Senior year, fall term: ID 493, Research Seminar 2  
ID 494. Senior Seminar 1
- Senior year, winter term: ID 495. Senior Essay
- Senior year, spring term: ID 496. Senior Seminar 2

## **Psychology Major**

The Psychology Major is a four-year, liberal arts program leading to a Bachelor of Arts degree. It prepares students for either graduate school in psychology or entry into the workforce.

### **Admission and Graduation Requirements for a BA in Psychology**

Applications for admission should be addressed to the psychology program advisor, Dr. Erica Hyatt.

**Application** to the Psychology Major requires successful completion of:

- At least 18 credits
- A minimum overall GPA of 2.00 and an average GPA of 2.50 in psychology courses.
- Psychology 101: Introduction to Psychology
- One other Psychology course at Bryn Athyn College

**Graduation** with a BA in Psychology requires:

- At least 124 credits
- An overall GPA of 2.00.
- A passing score on the Information Literacy test.
- The completion of the Core and Residency Requirements.
- A grade of C- or better is required in Math 130

- The completion of the Psychology Major Course Requirements outlined below, including the completion of the Senior Essay, via the capstone sequence (Psychology 330, 401, 491). The Senior Essay is under the supervision of a Bryn Athyn College faculty member. Proposals for this Senior Essay must be submitted by the students in spring of junior year, and accepted by the psychology faculty.

### **Course Requirements for the BA in Psychology:**

#### 100 Level Requirements (6 courses; 19 credits):

- Psychology 101: Introductory Psychology
- Math 130: Statistics (QR), C- or better
- Biology 122: Genetics and Evolution
- Any *three* courses selected from these supporting areas (at 100-Level or higher):
  - Anthropology, Education, Macroeconomics, or Sociology

#### 200/300 Level Requirements (7 courses; 21 – 22 credits):

- Psychology 320: Introduction to Experiments in Psychology (all must take this junior year)
- At least three of the Clinical Psychology Courses:
  - Psychology 201: Abnormal Psychology
  - Psychology 203: Personality
  - Psychology 301: Counseling
  - Psychology 305: Physiological Psychology (IL)
  - Psychology 307: Measurement/Assessment
  - Psychology 382: Seminar on Death and Dying
- At least three of the Applied Psychology Courses:
  - Business/Psychology 202: Human Resource Management
  - Psychology 204: Human Development
  - Psychology 205: Social Psychology (PP)
  - Psychology 220: Cognition
  - Psychology 230: Psychology and Spirituality
  - Psychology/Education 340: Educational Psychology
  - Psychology 341: Altruism (Moral Perspective; EE)
  - Psychology 380: Seminar on Forensic Psychology

#### Optional Elective:

- Psychology 299: Independent Study in Psychology (requires approval from faculty); Psychology 102: History and Worldviews

#### EE in Psychology Requirement (1 credit minimum):

- EE 298 or 398 (EE): Internship in a work setting relevant to Psychology

- Psy 341 (EE)

300-Level Requirement in Religion (1 course; 3 credits):

- Religion 335W: The Human Mind, Writing Intensive

400-Level Requirements in Psychology (3 courses; 7 credits):

- Psychology 490: Research Methods in Psychology
- Psychology 491: Senior Essay (Writing and IL skill in Capstone)
- Psychology 492: Senior Seminar (PP, Ethics, Career Planning)

## Religion Major

The pursuit of this Bachelor of Arts degree in Religion provides disciplined and systematic instruction in religion with the aim of an overall comprehension of the doctrines of the New Church and in a sphere of rational discussion and creative thinking. Topics include the meaning of the New Church in relation to faith, the Word of the Lord, marriage and the home, creation, the Lord's providence, world religions, and sacred languages.

### Admission and Graduation Requirements for a BA in Religion

Applications for admission should be addressed to the religion program advisor, Rev. Scott Frazier.

**Application** to the Religion Major requires:

- At least 11 academic credits in religion beyond Core and Residency Requirements. Is this correct?
- A minimum overall GPA of 2.00, with a minimum GPA of 2.50 in religion courses.

**Graduation** with a BA in Religion requires:

- A total of 124 credits
- A minimum overall GPA of 2.00
- A grade of C- or better is required in all courses used to fulfill the major course requirements. Maintaining a minimum overall GPA of 2.00 and a religion GPA of 2.50 is also required to stay in the program.
- The completion of the Core and Residency Requirements.
- A passing score on the Information Literacy Test.
- The completion of the Religion Major Course Requirements outlined below.

### Course Requirements for BA in Religion

The BA in Religion requires students to fulfill the following requirements totaling 42 credits. The 42 credits required for a degree in religion can overlap with the courses taken to satisfy the religion Residency Requirements and the Core Requirements.

- 6 credits of 200-level doctrinal courses (Rel 205, 210, 215,273)
- 6 credits of 200-level scriptural courses (Rel 220, 221, 222, 223)
- 3 credits of 200-level comparative courses (Rel 283, 284, 293, 295, 296)
- 3 credits of 200-level applied courses (Rel 260, 270, 271, 272, 273, 278)
- 3 credits of 200-level sacred languages (Grk 250, 251, Heb 250, Lat250, 251)
- 6 credits of 300-level doctrinal courses (Rel 305, 306, 310, 311,Phil 320, 321)
- 3 credits of additional 300-level religion courses
- 3 credits of Religion 380
- 3 credits of Religion 490
- 6 credits of related coursework



## Minors

### Introduction

Bryn Athyn College offers minors designed to complement the BA/BS programs. Students wishing to include another specific program of study in addition to their major may consider enrolling in any of these minors. Students may not receive a minor in the same field in which they are majoring. Students wishing to enroll in a minor must do so prior to accumulating 93 credits. Bryn Athyn College uses a common application form for all of the minors, which may be found on the web or at the College Office. Some of the minors have entrance requirements but most do not. In order to be awarded a minor, students must fulfill the baccalaureate requirements (Core Program and Major Requirements) in addition to the Minor Requirements (specified below).

### General Admission Requirements for Minors

- Enrollment in a chosen minor **prior to** accumulating 93 credits
- Submission of the common application form for minors, which may be found on the web or at the College Office
- Meeting of the admission requirements particular to the chosen minor. Some of the minors have entrance requirements but most do not. See descriptions below to determine entrance requirements for a chosen minor.

### Biology Minor

The biology minor provides students majoring in other disciplines with additional exposure to the biological sciences. Students can choose from three options: ecology or molecular biology; health related applications; or they may create their own (see course requirements below). Please note: the Biology minor is not open to ID majors with biology as one of their two areas. Direct questions about the Biology Minor to Dr. Fredrik Bryntesson, program director.

### Graduation Requirements for Biology Minor

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- Completion of five courses in biology and one in chemistry, most with labs, for a total of 22-23 credits. These courses must be passed with a grade of C- or better

### Course Requirements for a Biology Minor

- Completion of 15 credits from the following (courses must be passed with at least a C-)

- Biology 122 and 123 with labs (8 credits)
- Chemistry 101 **or** 110 with lab (4 credits)
- Biology 232, Cell structure and function (3 credits)
- Completion of 7-8 Additional Credits, following one of the following options:
  - **Option 1** - Focus on ecology or molecular biology:
    - Biology 230, Genetics (3 credits)
    - Biology 235, Ecology with lab, or Biology 310, Molecular Biology and Jr. lab 373 (4 or 5 credits)
  - **Option 2** - Focus on medical or health related applications:
    - Biology 210, Anatomy & Physiology I (4 credits)
    - Biology 220, A&P II (4 credits)
  - **Option 3** - Build your own with two *scheduled* biology courses - one with lab (7 credits)

## Business Minor

The minor in business provides students majoring in the liberal arts with exposure to critical areas in business management including accounting, finance, business law, marketing, and general management. A hallmark of the program is its emphasis on applying ethical or moral reasoning to decision-making in a business setting. Please note: The Business minor is not open to ID majors with business as one of their two areas. Direct questions about the business minor to Ethan King, program director.

### Business Minor Graduation Requirements

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- A grade of C- or better in all coursework used to fulfill the business minor.
- Completion of the Business Minor Course Requirements outlined below.

### Business Minor Course Requirements

- Business 141 – Accounting I
- Business 142 – Accounting II
- Business 301 – Business Ethics
- Business 320 – Financial Management

Plus one of the following:

- Business 254 – Principles of Marketing
- Business 257 – Principles of Management

Plus one of the following:

- Business/Psychology 202 – Human Resource Management
- Business 351 – Introduction to Business Law

Plus one of the following:

- Mathematics 130 – Introduction to Statistics
- Mathematics 330 – Introduction to Probability Theory

Plus one of the following with a grade of B– or better:

- Economics 131 – Macroeconomics
- Economics 132 – Microeconomics

## Computer Science Minor

Students who minor in computer science will be exposed to a variety of practical and theoretical topics, depending on the offerings chosen by the individual student. All students in this minor will learn structured programming, data organization, complexity, and logic. Student may choose among topics in other courses such as web design, database design, operations research, and probability. Please note: the Computer Science minor is not open to ID majors with computer science as one of their two areas. Direct questions about the Computer Science minor to Dr. Neil Simonetti, program director.

### Graduation Requirements for Computer Science Minor

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- Completion of the courses outlined below, which must be passed with a grade of C- or better

### Course Requirements for a Computer Science Minor

- CSci180 (structured programming)
- CSci220 (data structures)
- Math230 (linear algebra)
- 9 additional upper level credits in Computer Science
  - 6 of these 9 must be 300-level or higher
  - Up to 3 of these credits may be in Math courses with a computing component.

## Education Minor

Students who minor in education (or get an ID in education) are not ready to be certified as teachers, but they do have an advantage over non-education majors in seeking non-teaching jobs in association with schools, in seeking certification at the master's level to pursue teaching upper elementary grades or high school grades, or in teaching upper level grades at General Church elementary schools. A minor in education also builds the skills of

communication, planning, organization, and reflection, which are desirable abilities in many careers. Please note: the Education minor is not open to ID majors with education as one of the two areas.

### **Graduation Requirements for the Education Minor**

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- Completion of the Education Minor course requirements outlined below.

### **Course Requirements for the Education Minor**

- Any one of Education: 128 (Intro to Education), 201 (Foundations of Education), 271 (Intro to Early Childhood).
- Special Education 211 (Intro to Special Education).
- Education 324 (Science and Young Child).
- Any three credits in an education methods or human development.
- Psychology 340 (Educational Psychology).
- At least one credit of field experience or internship.

### **English Minor**

The English minor provides students an opportunity to engage with a variety of significant literature, and to further develop skills in reading, writing, criticism, and communication – tools that are vital for effective work in many segments of society. The English minor is not open to ID majors with English as one of the two areas.

### **Graduation Requirements for English Minor**

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- 18 credits (6 courses) are required to complete the English minor
- Completion of the English Minor Course Requirements below, with an average of a C or 2.00 in these courses

### **Course Requirements for the English Minor**

- Communications 105 – Public Speaking
- Plus two of the following:
  - English 218 – American Literature 1
  - English 219 – American Literature 2
  - English 220 – British Literature 1
  - English 221 – British Literature 2
  - English 235 – Shakespeare

- Plus two of the following (at least one must be at the 300-level):
  - English 215 – Great Books 1: Classical Literature
  - English 216 – Great Books 2: Renaissance and Neoclassical Literature
  - English 217 – Great Books 3: 19<sup>th</sup> and 20<sup>th</sup> Century Literature
  - Any English 3XX level course.
- Plus one of the following:
  - Writing 211 – Creative Writing
  - Writing 212 – Creative Non-Fiction Writing
  - Writing 213 – Advanced Rhetoric and Composition
  - Business/Writing 220 – Business Communications

## Mathematics Minor

The minor in mathematics provides students majoring in the liberal arts with exposure to a variety of analytical tools to help students solve complex problems. Please note: the Mathematics minor is not open to ID majors with mathematics as one of their two areas. Direct questions about the Mathematics minor to Dr. Neil Simonetti, program director.

### Graduation Requirements for Mathematics Minor

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- Unless specified, students must achieve a grade of C- or better in all coursework used to fulfill the mathematics minor.

### Mathematics Minor Course Requirements

- Mathematics 150 – Calculus I
- Mathematics 151 – Calculus II
- Mathematics 230 – Linear Algebra

Plus four other 3+ credit Mathematics courses at the 200 level or higher:

- At least two of these courses must be at the 300 level or higher
- One of these courses may be replaced by a mathematics-related course with an assessed mathematics component (Computer Science 220 or Physics 210).

## Philosophy Minor

Students who minor in philosophy will develop their critical thinking skills and their ethical literacy. This minor provides students with a grounding in our intellectual heritage, our commitment to certain values, and an exploration of life's most significant and fundamental questions. Philosophy encourages a special kind of critical openness through reflection on topics such as politics, morals, science, religion, and the ideas of the great thinkers. Students

taking courses such as Phil.102, 220, 240, and 340 may use these courses to fulfill core requirements as well as requirements for the minor. Please note: the Philosophy minor is not open to ID majors with philosophy as one of their two areas. Direct questions about the Philosophy minor to Dr. Dan Synnstedt, program director.

### **Graduation Requirements for the Philosophy Minor**

- Completion and submission of the standard minor application form prior to earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation Passing the Information Literacy test
- Completion of the courses outlined below, which must be passed with a grade of C- or better

### **Course Requirements for a Philosophy Minor**

- Phil.101 (Critical Thinking)
- Phil. 102 (Introduction to Philosophy/Worldviews)
- One history of philosophy course: either Phil.210 (Ancient) or Phil.211 (Modern)
- One axiological (value theory) course: Phil.111 (Moral Philosophy), or Phil./PSci.220 (Political Thought), or Phil.340 (Bioethics)
- Phil.311 (Contemporary Philosophy)
- One additional 200-level philosophy course, or above, with the condition that of the five philosophy courses in the minor, two must be at the 300-level.
- One of the following Religion courses: Rel. 205 (God, Man, & Creation), 210 (Divine Providence), 335 (The Human Mind), 272 (Advanced Religious Ethics), 273 (Religion and Marriage). Note that these religion courses also help fulfill the religion residency requirement.

### **Psychology Minor**

The Psychology Minor provides a valuable opportunity for students involved in other academic areas of study to enhance their knowledge of human behavior, motivation, decision-making, and interactions. Students have the option of enrolling in one of two sub-tracks: Clinical or Applied. Please note: The Psychology Minor is not available to ID students with psychology as one of their ID areas. Direct questions about the Psychology Minor to Dr. Erica Hyatt, program director.

### **Graduation Requirements for the Psychology Minor**

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- An overall GPA of 2.00
- Meeting all of the Core, Residency, and Major Requirements for graduation
- Passing the Information Literacy test
- 19 credits (7 courses) are required to complete the Psychology Minor
- Students must achieve a C- or better in Math 130
- Completion of the Psychology Minor Course Requirements below, with an average of a C- or 2.00 in the courses below.

### Course Requirements for the Psychology Minor:

- Prerequisites:
  - Psychology 101: Introductory Psychology
  - Math 130: Introduction to Statistics
- Completion of 10 credits with the following courses:
  - Psychology 230: Psychology of Spirituality
  - Psychology 320: Introduction to Experiments in Psychology
  - Psychology 490: Research Methods in Psychology
  - Religion 335W: The Human Mind, Writing Intensive
- Completion of 9 credits, following one of the following options:
  - Option I: Clinical Psychology (9 credits)
    - Students must choose THREE courses from offerings in clinical sub-field, with at least one course at the 300-level:
      - Psy 201: Abnormal Psychology
      - Psy 203: Theories of Personality
      - Psy 301: Theory and Practice of Psychological Counseling
      - Psy 305: Physiological Psychology (prerequisite: Bio 120, 122, or 123) (IL)
      - Psy 307: Measurement/Assessment
      - Psy 382: Seminar in Death and Dying
  - Option 2: Applied Psychology (9 credits)
    - Students must choose THREE courses from offerings in applied sub-field, with at least one course taken at the 300-level:
      - Psy/Bus 202: Psychology Applied in the Workforce (PP)
      - Psy 204: Human Development
      - Psy 205: Social Psychology (PP)
      - Psy 220: Cognitive Psychology
      - Psy 240: Educational Psychology
      - Psy 341: Human Development: Adult Altruism (Moral, EE)
      - Psy 380: Seminar in Forensic Psychology

### Public History Minor

Public history, in essence, is history as it is presented and experienced outside of the walls of academia. It is the expressions of history that the general public encounters, for example, at museums, on historic and archaeological sites, in the media, and at historical societies. This minor provides students with a grounding in public history through:

- Instruction in the methods of historic research and the interpretation of objects
- An introduction to three public history venues: museums, historic homes, and archives
- Training in the archival records and material culture of Bryn Athyn's historic district
- An internship in Bryn Athyn's historic district, the Academy archives, or another public history setting

Students interested in pursuing the minor should contact the program director, Dr. Wendy Closterman.

### **Graduation Requirements for the Public History Minor:**

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- Meeting all of the Core, Residency, and Major Requirements for graduation.
- Passing the Information Literacy test.
- An overall GPA of 2.00
- At least 16 credits required. No more than six credits of the minor may double count toward the requirements of any major.
- Completion of the Public History Minor Course Requirements below. The required courses for the minor must be completed with a grade of C- or better.

### **Course Requirements for the Public History Minor**

- Anthropology/History 211
- Fine Arts 213/313
- History 270
- History 301
- History 376
- History 298/398/498 (1-3 credits)

### **Recommended Courses**

- History 115, 225, 230, 330
- Fine Arts 122, 128

### **Religion Minor**

A religion minor is offered with most other majors. Interested students should direct questions and/or apply to the program director, Rev. Scott Frazier, no later than the end of junior year.

### **Graduation Requirements for the Religion Minor:**

- Completion and submission of the standard minor application form **prior to** earning 93 credits.
- Meeting all of the Core, Residency, and Major Requirements for graduation.
- Passing the Information Literacy test.
- An overall GPA of 2.00
- 15 credits (5 courses) beyond the courses taken to satisfy the religion residency requirements in the freshman and sophomore years.
- Completion of the Religion Minor Course Requirements below.
- To enter and remain in the Religion Minor requires an overall GPA of 2.00, with 2.50 in religion courses.



### **Course Requirements for Religion Minor:**

- Two courses in 300-level religion
- One comparative religion course (Rel. 193, 283, 284, 295, 296)
- One scriptural course (Rel. 123, 220, 221, 222, 223, or History 240)
- No more than two courses from major or minor related courses (see religion major).

### **Second Baccalaureate**

The Second Baccalaureate degree is for students with a baccalaureate (from Bryn Athyn College or elsewhere) who wish to earn another baccalaureate from Bryn Athyn College. Please note: Students whose first degree is from Bryn Athyn College will not be eligible for financial aid.

### **Application Requirements for the Second Baccalaureate Degree**

- A BA or BS degree from Bryn Athyn College or another institution
- Application for admission and satisfaction of all admission requirements to Bryn Athyn College (if not already admitted)
- Application for admission to the chosen major
- Together with the appropriate major advisor, the student should work out a program that:
  - Satisfies all the requirements of that major (by transfer and by completing courses at Bryn Athyn College)
  - Satisfies all Core requirements (this may be done by transfer, proficiency tests, and completing courses at Bryn Athyn College)
  - Includes an additional 30 credits at the 200-level or higher, beyond the previous baccalaureate
- Approval of this program from the academic dean, who will consult with the Curriculum and Academic Policy Committee. A written statement confirming the approved requirements will be placed in the student's file.

### **Graduation Requirements for the Second Baccalaureate**

- Admission to the chosen major and approval of the student's Second Baccalaureate program by the academic dean
- Passing the Information Literacy test
- An overall GPA of 2.00?
- Satisfaction of all Core requirements (this may be done by transfer, proficiency tests, and completing courses at Bryn Athyn College)
- Satisfaction of all the requirements of the new major (by transfer and by completing courses at Bryn Athyn College). Must include an additional 30 credits at the 200-level or higher, beyond the previous baccalaureate.

## Graduate Programs

Bryn Athyn College offers two graduate degree programs: a Master of Arts in Religious Studies and a Master of Divinity.

The Master of Arts in Religious Studies program enables students not looking towards ordination to undertake an in-depth study of the Heavenly Doctrines of the New Church at a graduate level.

The Master of Divinity is a three year professional degree leading towards ordination as a priest in the General Church of the New Jerusalem.

### The Master of Arts in Religious Studies

This program makes it possible for students to explore New Church teachings in detail. In order to take advantage of the program's offerings, a general knowledge of the teachings of the Theological Writings of Emanuel Swedenborg and New Church thought and a liberal arts background are expected. Although background in the sacred languages is not required, any familiarity with Hebrew, Greek, or Latin is beneficial. Being able to communicate clearly and fluently in English, both written and spoken, is essential. The degree program emphasizes theology, provides opportunities to explore some secular areas, and allows a student to develop an integrative thesis.

The full course of study may be taken for the degree, or a limited number of courses selected on personal interest may be taken. Interested students should direct questions to Dr. Jane Williams-Hogan or Rev. Dr. Andrew Dibb, the co-directors of the MARS program

#### Application Requirements for the MA in Religious Studies

- Interested applicants should hold a Bachelor's degree from an accredited institution, or the equivalent.
- An undergraduate GPA of at least 2.50
- International students who are not native English speakers must submit TOEFL scores. The minimum TOEFL scores accepted are 213 if the test was taken by computer, or 550 if it was written.

- Completion and submission of application form to either Dr. Jane Williams-Hogan or Rev. Dr. Andrew Dibb, co-directors of the MARS program

### **Graduation Requirements for the MA in Religious Studies**

- Graduation requires the completion of 30 credits (ten courses)
- A minimum overall GPA of 2.70
- Completion of MA Course Requirements within seven years of commencing classes
- Satisfactory completion of a thesis (or the equivalent option for English Language Learner students)

### **Course Requirements for the MA in Religious Studies**

#### **Required Courses** (required of all degree-seeking students)

- Religious Studies 510: Methodological Approaches to Religious Studies—An Introduction
- Theology 514: Doctrine of the Lord
- Theology 518: Doctrine of the Word
- Religious Studies 598: Thesis
- Religious Studies 599: Thesis

#### **Elective Theology Courses (at least two required)**

- Theology 505: Universal Doctrines of the New Church I
- Theology 506: Universal Doctrines of the New Church II
- Theology 515: The Spiritual World
- Theology 520: Regeneration
- Theology 524: Conjugial Love
- Theology 526: The Human Mind
- Theology 530: The Gospels
- Theology 525: The Last Judgment, the Second Coming, and the New Church
- Theology 563: The Old and New Testaments
- Theology 564: The Old and New Testaments
- Theology 570: Studies in the Arcana Coelestia
- Theology 580: History of New Church Doctrine
- Theology 599: Independent Study

#### **Other Elective Courses (at least three required)**

- History 515: Seminar on the Age of Enlightenment
- History 550: Religious Studies: Swedenborg's Life and Times
- Philosophy 520: Swedenborg's Philosophy I
- Philosophy 521: Swedenborg's Philosophy II
- Sociology 540: Seminar in the Sociology of Religion
- Church History: Christian Church History

- Church History 585: Modern Church History 1750-the present

### **Thesis Requirements for the MA in Religious Studies**

The thesis is the capstone of the program and is required of all students who have a sufficient proficiency in English. The question explored in the thesis should be built upon the course of study undertaken by the student. The purpose of the thesis is to help the student integrate his or her own program. The thesis gives the student the opportunity to analytically use a doctrinal framework to examine some specific intellectual concern. English Language Learner (ELL) students may opt to take two additional courses and a comprehensive exam rather than write a thesis.

## **The Master of Divinity Degree**

The Master of Divinity program is a three year program that leads to ordination in the General Church of the New Jerusalem. The program rests upon three supports: doctrinal study, communication skills, and experiential learning. Each plays a vital role in preparing men to “teach the truth and lead by means of it to the good of life.”

Doctrinal study forms the primary foundation of the New Church ministry. A minister needs to be conversant with the teachings of the Old and New Testaments, and particularly with the teachings for the New Church, known as the “Heavenly Doctrines.”

Communication skills provide students with the ability to teach and lead in the light of doctrinal study. Skills developed in this part of the program equip the future minister to communicate the message of the New Church effectively in a variety of situations.

Experiential learning is the final support of training for the ministry. The experiential component of ministerial training is designed to bring students into contact with a range of people of different ages and different settings. The “learning” refers to the on-going discussion and measurement as students integrate their doctrinal knowledge and communication skills with people.

### **Application Requirements for the Master of Divinity Program**

- Applicants to the Master of Divinity program should have a Bachelor’s degree from an accredited institution, or equivalent.
- In keeping with the doctrinal position of the General Church of the New Jerusalem that the ministry is a masculine use, admission to the Master of Divinity Program is only open to males who have been baptized into the faith of the New Church and joined the General Church of the New Jerusalem.

### **Graduation Requirements for the Master of Divinity Program**

- Students must complete and pass all of the Undergraduate and Graduate Course Requirements outlined below.
- Students must maintain a GPA of at least 3.00.

### **Undergraduate Course Requirements for the Master of Divinity Degree**

- Psychology 382: Seminar on Death and Dying
- Philosophy 321. Swedenborg's Philosophy his "search for the soul"
- Latin 250. Swedenborg's Theological Latin I (presupposes successful completion of Latin 110 and 111)
- Latin 251. Swedenborg's Theological Latin II
- Religion 220. The Torah OR Religion 221. The Histories and Prophets of the Old Testament
- Religion 222. The Gospels

### **Graduate Course Requirements for the Master of Divinity Degree**

The Master of Divinity program is comprised of the specific set of courses listed below. Each cohort of incoming students is given a three year program containing the following courses:

- Ed 631. Institutional Design
- Ed 634. Institutional Design – Workshop
- Theology 601. Heavenly Doctrines as Systematic Theology
- Theology 612. Doctrine of the Lord: The Incarnation
- Theology 614. Studies on the Glorification I
- Theology 616. Studies on the Glorification II
- Theology 620. Doctrine of the Word: Divine Revelation
- Theology 626. Old Testament Themes
- Theology 628. New Testament Themes
- Theology 640. Seminar on the Divine Providence
- Theology 642. The Human Mind and Its Regeneration
- Theology 646. Conversations on Marriage
- Theology 660. Doctrine of the Spiritual World I: Death, resurrection, early states after death, vastation, punishment
- Theology 662. Doctrine of the Spiritual World II: Realities of spiritual world, correspondences of Grand Man, Heaven and Hell
- Theology 668. The Apocalypse & Last Judgment
- Theology 690. Doctrine Concerning New Church Evangelization
- Theology 691. Doctrine Concerning New Church Education
- Theology 695. Dissertation Writing
- Church History 682. History of the Most Ancient, Ancient, and Israelitish Churches
- Church History 684. The Christian Church: Rise and Fall
- Church History 686. Swedenborg and the Second Coming
- Church History 687. New Church History
- Workshop 700. Convocation
- Workshop 710. Pastoral Orientation
- Communication 716
- Workshop 720. Speech I: Public Speaking & Interpersonal Communication

- Workshop 724. Speech II: Concepts in Interpersonal Communication
  - Workshop 728. Speech III: Advanced Concepts in Public Speaking and Interpersonal Communication
  - Workshop 738. Experience in Preaching
  - Workshop 750. Practicum
  - Pastoral Theology 841-842. Doctrine of the Priesthood and Principles of Church Government
  - Pastoral Theology 844-845. Introduction to Pastoral Counseling
  - Pastoral Theology 848. Priestly Duties
  - Pastoral Theology 851. Liturgics: Doctrinal Foundations
  - Pastoral Theology 852. Liturgics: Orders of Services for Worship
  - Pastoral Theology 853. Liturgics: Rites and Sacraments
  - Practical Theology 860. Conflict Resolution
  - Practical Theology 862. Group Dynamics
  - Business 864. Pastoral Business
  - Homiletics 911. Principles of Exposition
  - Homiletics 921. Sermons from Old Testament Texts
  - Homiletics 922. Classes, and Children's talks.
  - Homiletics 923. Sermons from the Prophets and New Testament Texts
  - Homiletics 932. Sermons: A Variety of Topics and Focus
  - Homiletics 933. Sermons for Traditional and Contemporary Services and Memorial Addresses
- In addition to these courses, students will each complete one thirty hour per term assignment in Experiential Education, overseen and evaluated by the Theological School faculty.

## Experiential Education

Experiential Education includes academic courses (see EE courses listed in Core Program description above), internships (see below), and service learning opportunities (see below). These opportunities provide students with the experience of combining academic work and experience outside of the classroom. Students learn through participation and reflection. In exchange, the students add value to the organizations that co-sponsor these learning experiences. These personalized learning endeavors are a specialty of Bryn Athyn College.

The Core Program requires every baccalaureate graduate to complete a minimum of one credit in experiential education for graduation:

For 100-level internships and service learning contact:

Director of Experiential Education  
Box 717, Bryn Athyn College  
Bryn Athyn, PA 19009-0717  
(267) 502-2412

## **Internship Program Policies**

Students can take advantage of internship opportunities to explore career options or for self-exploration. Internships may be paid or unpaid and generally last an entire term, but other schedules can be arranged with faculty approval. While students will be offered guidance and contacts in designing an internship, the student is responsible for securing internship openings. We expect our interns to represent Bryn Athyn College with integrity and professionalism. Each program has unique internship requirements, which may include papers and/or presentations, but all require a formal learning plan with specific goals and a reflective component such as a field journal.

Internships are generally awarded credit at 50 hours per credit, thus a 3 credit internship requires 150 hours. Students can earn up to 3 credits per term via internships but only a total of 12 internship credits can be applied toward the credit requirement for a baccalaureate.

### **Internship Requirements**

- Completion of two full terms at Bryn Athyn College
- A GPA of 2.70 or better
- Good academic and disciplinary standing (i.e., not on warning or probation for academic, academic misconduct, or disciplinary reasons).

### **Internship Variants and Related Policies**

#### **General Internships (EE198):**

For 100-level general internships added to a regular academic load, students apply to Director of Experiential Education Laura Nash. All general internships require a learning plan, reflective component (e.g., journal), and a summary or analytical component (e.g., essay, paper, or presentation). Students earn variable credit (up to 3 per term) depending on hours completed.

#### **Major-related Internships (298/398 levels):**

For major-related internships added to a regular academic load, students apply to the faculty member in charge of the subject area or, in some cases to the Director of Experiential Education. All major-related internships require a learning plan, reflective component (e.g., journal), and a summary or analytical component (e.g., essay, paper, or presentation). Students earn variable credit (up to 3 per term) depending on hours completed.

### **Summer Internships:**

Summer internships are Bryn Athyn College courses and are recorded for the summer session. Students pay an internship fee equivalent to 0.5 credits, regardless of the number of credits earned, plus any additional costs needed to cover faculty oversight, as relevant. The registration deadline for summer internships is May 1. Internships performed during the summer may not be recorded in a term other than the summer session, even if preparatory work is undertaken in an earlier term. Students earn variable credit (up to 3 per term) depending on hours completed.

### **Distance Internships:**

Students can conduct internships at a distance from the campus but only as part-time students, since they will not be able to take a regular academic load. Students earn variable credit (up to 3 per term) depending on hours completed but the summer internship fee structure applies (see above).

## **Service Learning Program Policies**

Service learning is designed to enhance a student's civic and societal awareness by combining academic instruction, purposeful service, and critical reflection. Service learning assists students in thinking broadly about a particular subject area and can often help students define career interests. Service credits are awarded at approximately 50 hours per credit. Some service learning opportunities are embedded in academic courses, such as dance, theater, psychology, and leadership, where service is done through a component of the course outlined in a syllabus. Students may also participate in the service learning program through college sponsored break time service trips by registering with Director of Experiential Education Laura Nash.

## **International Opportunities**

Bryn Athyn College offers opportunities for international experiences through its internship, service learning, and study abroad programs.

### **Study Abroad**

Bryn Athyn College has a number of established study abroad programs that allow undergraduate students to study abroad for a semester, year, summer, or over college breaks.



Credits earned while studying abroad can be applied to academic programs at Bryn Athyn College subject to approval. Students should meet with their academic advisors prior to departure to work out a course of study that meets their program needs. Students may use some types of financial aid to meet the costs of studying abroad. The Financial Aid Office will advise students on their financial aid eligibility.

Students apply to study abroad through the Office of International Studies. The Office of International Studies advises students on all aspects and throughout the process of studying abroad. Students should contact the Office of International Studies for application information and deadlines. Questions may be directed to Sean B. Lawing, Director of International Studies sean.lawing@brynathyn.edu PO Box 717, Bryn Athyn College Bryn Athyn, PA 19009-0717 (267) 502.2798.

### **Study Abroad Requirements**

To qualify for study abroad on semester and year programs students must:

- Be full-time students
- Have completed at least three terms
- Be in good academic and disciplinary standing
- Have a cumulative GPA of 2.50 or higher
- Must meet the minimum academic and application standards of the host institution prior to acceptance for study.
- Must have health insurance for the duration of their study abroad. Some programs require that this be purchased on site.

### **Study Abroad Program Types**

#### International Academic Exchange Programs

Bryn Athyn College maintains two international academic exchanges. Academic exchange partners are universities with which Bryn Athyn College has a cooperative agreement whereby students pay tuition and fees at the home institution and room, board, and special fees at the host institution. Although some courses may be taught in English, students should possess intermediate proficiency in the language of the host country. The following is a list of Bryn Athyn College academic exchanges. Details on these programs can be found on the web at: <http://www.brynathyn.edu/>.

- *Université Michel de Montaigne-Bordeaux (France)*

Students take courses in the North American Studies Department at the Université taught in English and/or study at the Institute for Learning French as a Foreign Language (DEFLE).

- *Universität Osnabrück (Germany)*

Students take courses in the Department of Language and Literature at the Universität taught in English while pursuing German language courses at the Language Center.

### Other Study Abroad Programs

- *University of Edinburgh*

Bryn Athyn College maintains an agreement with the University of Edinburgh that facilitates Bryn Athyn students' status there as study abroad students. Satisfying the requirements of an additional application, made directly to the University of Edinburgh, is necessary. All costs of attending are paid directly to the University of Edinburgh. Courses taken for credit at the University of Edinburgh are transferred in to Bryn Athyn College upon completion.

- **Other Recommended and Self-Created Study Abroad Programs**

- The Office of International Students maintains a list of other approved and recommended study abroad programs.
- Students may also create for themselves an appropriate program of study in their area of interest.

## **Reserve Officers' Training Corps (ROTC)**

### **Air Force Reserve Officers' Training Corps (AFROTC)**

Bryn Athyn College undergraduate students are eligible to participate in the AFROTC through a cross-enrollment agreement with St. Joseph's University. All aerospace studies courses will be held on the St. Joseph's campus. The AFROTC program enables a college student to earn a commission as an Air Force officer while concurrently satisfying requirements for a baccalaureate degree.

The AFROTC program at St. Joseph's University offers a curriculum leading to a commission as a second lieutenant in the Air Force. In the standard four-year curriculum, a student takes the General Military Course (GMC) during the freshman and sophomore years, attends a four-week summer training program, and then takes the Professional Officer Course (POC) in the junior and senior years. However, students may begin the program as long as they have at least two years left before graduation. In the shortened curriculum, students will take a combination of aerospace studies courses depending on their class standing. They then attend a five-week summer training program and enter the POC. A student is

under no contractual obligation to the Air Force until entering the POC or accepting an Air Force scholarship.

The subject matter of the first two years is developed from a historical perspective and focuses on the scope, structure, and history of military power, with an emphasis on the development of air power. During the last two years, the curriculum concentrates on the concepts and practices of leadership and management and the role of national security forces in contemporary American society.

In addition to the academic portion of the curricula, each student participates in a leadership laboratory for two hours each week during which the day-to-day skills and working environment of the Air Force are explored. The leadership lab uses a student organization designed for the practice of leadership and management techniques.

AFROTC offers scholarships on a competitive basis to qualified applicants participating in the program. All scholarships cover tuition, lab fees, and books, plus a tax-free monthly stipend. All members of the POC, regardless of scholarship status, receive the tax-free monthly stipend.

For further information on the cross-enrollment program, scholarships, and career opportunities, contact the Professor of Aerospace Studies, AFROTC Det 750, Saint Joseph's University, Philadelphia, PA 19131; (610) 660-3190; [rotc@sju.edu](mailto:rotc@sju.edu); <http://www.sju.edu/academics/cas/afrotc/>.

### **Army Reserve Officers' Training Corps (AROTC)**

The military science courses are held at Temple University's main campus and are taught by the University's Department of Military Science. Students enroll for the courses at Bryn Athyn College and pay Bryn Athyn College tuition fees. Credit is earned both at Bryn Athyn College and Temple University. Before enrolling in a course, a student must get permission from the Temple Department of Military Science (Room 410, Ritter Hall Annex, [215-204-7480](tel:215-204-7480)).

AROTC is an elective curriculum taken along with required college classes. It gives the tools, training, and experiences to build success in any competitive environment. Along with leadership training, AROTC can pay for college tuition. Because AROTC is an elective, students can participate during freshman and sophomore years without any obligation to join the Army. Students have a regular college experience like other students on campus, but upon graduation they become commissioned officers in the Army. At that point, students will have a wide range of interest areas (called branches) for specialization.

The Basic Course takes place during the first two years in college as elective courses. It normally involves one elective class and lab each semester along with the requisite physical

training and field training exercises. Students learn basic military skills and the fundamentals of leadership, and they start the groundwork toward becoming an Army leader. Students may take AROTC Basic Courses without a military commitment.

Basic Course subjects include: Introduction to Army Leadership, Army Customs and Traditions, Military Operations and Tactics, Goal Setting and Mission Accomplishment, Applied Leadership Theory, Principles of War, Stress Management, and Health and Physical Fitness.

The Advanced Course takes place during the last two years in college as elective courses. It normally includes one elective class and lab each semester in addition to the requisite physical training and field training exercises, plus a summer leadership camp. Students learn advanced military tactics and gain experience in team organization, planning, and decision-making. To benefit from the leadership training in the Advanced Course, all Cadets must have completed either the Basic Course or have attended the Leader's Training Course. Entering the Advanced Course requires a commitment to serve as an Officer in the U.S. Army after graduation.

Advanced Course subjects include: Command and Staff Functions, Law of War, Weapons, Team Dynamics and Peer Leadership, Military Operations and Tactics, Training the Force, Military Justice, Ethical Decision Making, Personnel Management, Cultural Awareness, and Post and Installation Support.

Two-, three-, and four-year scholarships are available for students who meet qualification standards. Contact the recruiting officer at [\(215\) 204-7482](tel:215-204-7482) or see the information at <http://www.armyrotc.com/edu/temple/index.htm>

