

## BS General Science

12 credits in the major and 9 credits in the minor must be completed at Alvernia University  
When pursuing a double major, you must have 12 distinct credits between the two majors.

Semester 1	Credits	Semester 2	Credits
<b>Diversity graduation requirement <span style="color: red;">cannot</span> be fulfilled through major courses; students should fulfill this with a Gen Ed class</b> <b>Writing Enhanced Course requirement <span style="color: red;">cannot</span> be fulfilled through major courses; students should review the 23-24 course catalog for an eligible writing enhanced course</b>			
SRH 101: Search Sem-Enduring Questions or HNR 160: Honor Search-Enduring Questions BIO 103: Principles of Biology I CHE 104: General Chemistry I CHE 110: General Chemistry Lab I CHE 107: Laboratory Safety THE 105 or PHI 105 <p style="text-align: right;"><b>TOTAL</b></p>	3  4 3 1 1 <u>3</u> <b>15</b>	BIO 104: Principles of Biology II CHE 105: General Chemistry II CHE 111: General Chemistry Lab II MAT 131: Pre-Calculus THE 105 or PHI 105 <p style="text-align: right;"><b>TOTAL</b></p>	4 3 1 3 3 <u>3</u> <b>14</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 3	Credits	Semester 4	Credits
MAT 209: Probability and Statistics MAT 220: Math/ Statistics Comp Lab CHE or BIO ELECTIVE Gen Ed Gen Ed Gen Ed <p style="text-align: right;"><b>TOTAL</b></p>	3 1 3-4 3 3 <u>3</u> <b>16-17</b>	PHY 103: Earth Science Gen Ed Gen Ed Gen Ed Gen Ed <p style="text-align: right;"><b>TOTAL</b></p>	3 3 3 3 <u>3</u> <b>15</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 5	Credits	Semester 6	Credits
PHY 110: General Physics I CHE or BIO ELECTIVE Gen Ed Gen Ed Gen Ed <p style="text-align: right;"><b>TOTAL</b></p>	4 3-4 3 3 3 <u>3</u> <b>16-17</b>	PHY 111: General Physics II CHE or BIO ELECTIVE Gen Ed Gen Ed ELECTIVE VE <p style="text-align: right;"><b>TOTAL</b></p>	4 3-4 3 3 3 <u>3</u> <b>16-17</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 7	Credits	Semester 8	Credits
SCI 402: Seminar CHE or BIO ELECTIVE SCI 406: Research I Gen Ed ELECTIVE ELECTIVE <p style="text-align: right;"><b>TOTAL</b></p>	2 3-4 3 3 3 <u>3</u> <b>17-18</b>	ELECTIVE VE ELECTIVE VE ELECTIVE VE ELECTIVE VE Electives as needed (depends on req. taken science electives) <p style="text-align: right;"><b>TOTAL</b></p>	3 3 3 3 <u>3</u> <b>15</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	

### Academic Policy on Eligibility for Participation of May Commencement Ceremony

The academic policy, which the Registrar follows, is: A student who has 6 or less credits remaining to complete the degree may participate in the May Commencement Ceremony. The Graduation Application is available online in myAlvernia on the 'Academics' tab. Seniors must submit the Graduation Application to the Registrar's Office as follows: October 1 for May Graduation; December 1 for August graduation; and March 1 for December graduation.

If you have any questions, please call the Registrar's Office (610.796.8201)

## **Curriculum Sheets, EAB Navigate, and AUAdvise**

The information on this page and the Curriculum Sheet is provided in AUAdvise - EAB Navigate as a static tool for discussion purposes when meeting with students to schedule courses. [Degree Audit uAchieve](#) remains the official source for each student's curriculum audit. Degree Audit uAchieve must be used together with the Curriculum Sheet to determine whether the information noted during scheduling meetings on the curriculum sheet remains accurate.

### **General Notes**

- A minimum of 123 credits are required for graduation.
- Where appropriate, courses required for the major can be used to satisfy General Education requirements. However, the credits earned for these courses are applied to either Gen Ed requirements or the major, not both.
- Paths of Knowledge coursework may count towards major or minor requirements but may not fulfill a second Mid-Level Liberal Arts Exploration requirement.
- Students are expected to follow the catalog requirements for General Education, the major, and additional requirements.
- A minor or second major within the areas listed under Paths of Knowledge automatically fulfills that area of the Gen Ed requirements.
- Students must complete 45 of their last 60 credits at Alvernia University
- Students must complete community service hours as part of the General Education Program

# Degree/Major: BS GENERAL SCIENCE

Name: \_\_\_\_\_ Id: \_\_\_\_\_

2<sup>nd</sup> Major: \_\_\_\_\_ 3<sup>rd</sup> Major: \_\_\_\_\_ Minor: \_\_\_\_\_ 2<sup>nd</sup> Minor: \_\_\_\_\_

Matriculation Year 2023-2024 - Term: \_\_\_\_\_

## GENERAL EDUCATION

Grade Notes:

### Enduring Questions (12 cr)

SEARCH Sem. Enduring Questions (3) \_\_\_\_\_  
 THE 105 Foundations of Theology (3) \_\_\_\_\_  
 PHI 105 Introduction to Philosophy (3) \_\_\_\_\_  
 COM 101 Composition & Research (3) \_\_\_\_\_  
 (C grade or better)

### Exploring the Natural World (6-8)

MAT Met in Major w/MAT 131 (x) \_\_\_\_\_  
 (not MAT 100)  
 MAT Met in Major w/PHY 110 (x) \_\_\_\_\_  
 (Science with Lab)

### Culture & Language (9 cr)

COM \_\_\_\_\_ (3) \_\_\_\_\_  
 (not COM 100 or 101)

World Language – 2 courses in sequence

\_\_\_\_\_ (3) \_\_\_\_\_  
 \_\_\_\_\_ (3) \_\_\_\_\_

### Individuals & Communities (6 cr)

HIS or POS \_\_\_\_\_ (3) \_\_\_\_\_  
 \_\_\_\_\_ (3) \_\_\_\_\_  
 (PSY, HIS, POS, SOC, SSC, or ECON)

### Creative Expressions (6 cr)

LIT \_\_\_\_\_ (3) \_\_\_\_\_  
 \_\_\_\_\_ (3) \_\_\_\_\_  
 (Art, Music, or Theatre)

### Ethical Leaders & Followers (6 cr)

THE/PHI \_\_\_\_\_ (3) \_\_\_\_\_  
 (200-400 level)  
 THE/PHI \_\_\_\_\_ (3) \_\_\_\_\_  
 (ethics/morality @ 200 level)

### Paths of Knowledge (9 cr @ 200-400 level in ONE path)

Path 1: Interdisciplinary Study; at least two from Liberal Arts

Path 2: Multidisciplinary Study; at least two from Liberal Arts

Path 3: In-depth Disciplinary Study; from same Liberal Arts discipline

\_\_\_\_\_ ( ) \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_

- Human Diversity: \_\_\_\_\_
- Senior Capstone: could be met with SCI 406 or 407
- Writing Enhanced Course: \_\_\_\_\_
- Community Service Hours: Required: \_\_\_\_\_ Met: \_\_\_\_\_
- Overall GPA >= 2.00
- GPA in Major >= 2.00

### Residency Requirements:

- 45 of last 60 credits
  - Min 12 Alvernia credits in major
  - Min 9 Alvernia credits in minor (if applicable)
- Min 123 non-remedial credits earned

## GENERAL SCIENCE (51-55 cr)

Grade Notes:

### Major (41 cr)

BIO 103 Principles of Biology I (4) \_\_\_\_\_  
 BIO 104 Principles of Biology II (4) \_\_\_\_\_  
 CHE 104 General Chemistry I (3) \_\_\_\_\_  
 CHE 105 General Chemistry II (3) \_\_\_\_\_  
 CHE 107 Laboratory Safety (1) \_\_\_\_\_  
 CHE 110 General Chemistry Lab I (1) \_\_\_\_\_  
 CHE 111 General Chemistry Lab II (1) \_\_\_\_\_  
 PHY 103 Earth Science (4) \_\_\_\_\_  
 PHY 110 General Physics I (4) \_\_\_\_\_  
 PHY 111 General Physics II (4) \_\_\_\_\_  
 MAT 131 Precalculus Mathematics (3) \_\_\_\_\_  
 MAT 209 Probability & Statistics (3) \_\_\_\_\_  
 MAT 220 Math/Statistics Comp Lab (1) \_\_\_\_\_  
 SCI 402 Seminar (2) \_\_\_\_\_  
 SCI 406 Research I (3) \_\_\_\_\_

### Electives (10-14 cr)

One area of Chemistry or Biology; 200-400 level courses with the exception of BIO 115/116

\_\_\_\_\_ ( ) \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_  
 \_\_\_\_\_ ( ) \_\_\_\_\_

### MINOR (optional) (17-21 cr)

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### ELECTIVES (as needed)

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