

2025 Academic Completion Plan

(Applies to Students enrolling during the Academic Year beginning in August 2025)

BS Biology

Semester 1	Credits	Semester 2	Credits
Diversity graduation requirement cannot be fulfilled through major courses; students should fulfill this with a Gen Ed Class			
SRH 101: Search Sem-Enduring Questions or HNR 160: Honor Search-Enduring Questions COM 101 or MAT 131 BIO 103: Principles of Biology w/Lab I CHE 104: General Chemistry I CHE 110: General Chemistry Lab I CHE 107: Laboratory Safety TOTAL 5 Community Service Hours	3 3 4 3 1 <u>1</u> 15	BIO 104: Principles of Biology w/Lab II CHE 105: General Chemistry II CHE 111: General Chemistry Lab II MAT 230: Calculus I COM 101 or THE 105/PHI 105 TOTAL 5 Community Service Hours	4 3 1 4 <u>3</u> 15
Semester 3	Credits	Semester 4	Credits
CHE 201: Organic Chemistry I CHE 210: Organic Chemistry Lab I MAT 209: Probability and Statistics MAT 220: Math/Statistics Computer Lab Gen Ed Search or THE 105/PHI 105 (if both were not taken) Gen Ed SEARCH TOTAL 5 Community Service Hours	3 1 3 1 3 <u>3</u> 14	BIOLOGY ELECTIVE BIO 221: General Microbiology w/Lab CHE 202: Organic Chemistry II CHE 211: Organic Chemistry Lab II Gen Ed SEARCH Gen Ed SEARCH TOTAL 5 Community Service Hours	3-4 4 3 1 3 <u>3</u> 17-18
***Math & Science students can enroll for an optional Math & Science Internship for six (6) credits any time after they reach "Junior" status.			
Semester 5	Credits	Semester 6	Credits
BIO 303: Genetics BIO 309: Genetics Lab BIOLOGY ELECTIVE PHY 200: Physics I w/Lab Gen Ed SEARCH Gen Ed SEARCH TOTAL 5 Community Service Hours	3 1 3-4 4 3 <u>3</u> 17-18	BIO 304: Cell Biology BIO 311: Cell Biology Lab BIOLOGY ELECTIVE PHY 201: Physics II w/Lab Gen Ed SEARCH TOTAL 5 Community Service Hours	3 1 3-4 4 <u>3</u> 14-15
Semester 7	Credits	Semester 8	Credits
BIO 320: Ecology BIOLOGY ELECTIVE SCI 406: Research I or SCI 480: Internship Gen Ed SEARCH Gen Ed SEARCH TOTAL 5 Community Service Hours	4 3-4 3 3 <u>3</u> 16-17	BIOLOGY ELECTIVE SCI 402: Seminar SCI 407: Research II or SCI 480: Internship Gen Ed SEARCH Gen Ed SEARCH TOTAL 5 Community Service Hours	3-4 2 3 3 <u>3</u> 14-15

NOTES:

- Academic Completion Plans may not be accurate for declared second majors, depending upon the semester you declare. Completion of such additional major(s) could increase time to degree completion.
- Minors must be declared by the time specified in the current Alvernia Course Catalog and you must meet with your *minor advisor* to determine when the necessary classes are offered since you may not add additional time to degree completion beyond the completion of your major courses to complete the minor.
- The Alvernia 15.4460 Graduation Policy and the current Alvernia Course Catalog detail graduation requirements, honors at graduation, and eligibility to participate in the Commencement Ceremony.
- The Graduation Application is available on-line 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.**

Additional Curriculum Information Resources

Course Catalogs

Students must refer to the Course Catalog for the year they enrolled (matriculated) at Alvernia for program requirements. Students may elect to move to a later year with permission from the Department Chair and Dean and notice to the Registrar. General academic policies in the Course Catalog may be revised by Alvernia during a student's matriculation based on continuously improved practices or federal and state laws and regulations. All such changes will apply to students regardless of matriculation year.

Academic Completion Plans

Academic Completion Plans (formerly 8-semester plans) provides the course timing by semester for each program. Courses will be scheduled based on the Academic Completion Plans and students must enroll in the specific courses listed during the semester indicated.

AUAdvise

Degree Audit [uAchieve](#) remains the official source for each student's curriculum audit and provides the opportunity to use the "what if" function to run scenarios for major changes or additions of minors.

EAB Navigate

[EAB Navigate](#) is the official tool that faculty, advisors, navigators, and administrators use for alerts as well as student meetings and advising session discussion notes. This tool, together with the student's degree audit from uAchieve comprise the student file that follows the student throughout their matriculation and is accessible by advisors, navigators, and other administrators for official purposes.