

Biochemistry-DPT

(Applies to Students enrolling during the Academic Year beginning in August 2026) Total Credits in Program: 118

Semester 1	Cr	Semester 2	Cr
SRH 101: Search Sem-Enduring Questions or HNR 160: Honor Search-	3	CHE 105 – General Chemistry II	3
BIO 103 – Principles of Biology	4	CHE 111L – General Chemistry Lab II	1
BIO 103L – Principles of Biology laboratory	0	BIO 221: General Microbiology	4
CHE 104 - General Chemistry I	3	BIO 221L: General Microbiology Laboratory	0
CHE 110L – General Chemistry Lab I	1	MAT 180 – Calculus I	4
CHE 107 – Laboratory Safety	1	THE 105/PHI 105	3
MAT 131 or Gen Ed	3	PSY 101	3
TOTAL CREDITS	15	TOTAL CREDITS	18
Semester 3	Cr	Semester 4	Cr
CHE 201 – Organic Chemistry I	3	CHE 202 – Organic Chemistry II	3
CHE 210L – Organic Chemistry Lab I	1	CHE 211L–Organic Chemistry Lab II	1
BIO 303 - Genetics	3	BIO 108 - Anatomy and Physiology II	4
BIO 309L - Genetics Laboratory	1	BIO 118L - Anatomy and Physiology II laboratory	3
BIO 107 - Anatomy and Physiology I	3	BIO 304 - Cell Biology	3
BIO 117 - Anatomy and Physiology lab	1	BIO 311L - Cell Biology Laboratory	3
THE 105/PHI 105	3	Gen Ed	4
Gen Ed	3		
TOTAL CREDITS	18	TOTAL CREDITS	21
Semester 5	Cr	Semester 6	Cr
CHE 314 - Biochemistry	3	PHY 201: Physics II	3
CHE 314L – Biochemistry Laboratory	1	PHY 201L: Physics II Laboratory	1
PHY 200: Physics I	3	CHE 302 Physical Chemistry II	3
Phy 200L: Physics I Laboratory	1	CHE 311L – Physical Chemistry II Laboratory	1
CHE 301 – Physical Chemistry I	3	MAT 209: Probability and Statistics	3
CHE 310L– Physical Chemistry I Laboratory	1	MAT 220 – Math/Statistics Computer Lab	1
Gen Ed	3	Gen Ed	3
Gen Ed	3		
TOTAL CREDITS	18	TOTAL CREDITS	15
Semester 7	Cr	Semester 8	Cr
DPT 500: Gross Anatomy and Histology	5	DPT 503: Physiology for Physical Therapy	5
DPT 585: Foundations of Doctoral Learning and Practices	3	DPT 504: Practice Management I	3
		DPT 508: Foundations of Patient/Client Management I	1
		DPT 513: Critical Inquiry I	3
		DPT523: Clinical Practice I	3
TOTAL CREDITS	8	TOTAL CREDITS	15

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Student Notes

- Students must enroll in courses required for second majors and minors when available, as shown in the Academic Completion Plans. 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.
- You must meet with your minor advisor and consult the published Course Rotation Schedules to determine when the necessary classes are offered for your minor. You may not add additional time to degree completion beyond the completion of your major courses to complete the minor. Graduation may not be delayed after major requirements are met to complete a minor. Students making the decision to complete a minor or additional major may incur additional costs, financial aid adjustments, and elongated time to graduation (when such elongation is not prohibited by financial aid considerations).
- The Alvernia 15.4460 Graduation Policy published on Alvernia's policy webpage 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 in the 'Student Resources' tab under 'Registrar's Office'. Seniors must submit the online Graduation Application form by the following applicable date: October 1 for May Graduation; December 1 for August graduation; and March 1 for December graduation.

Advising Notes for Students, Faculty, Navigators and GAE Student Success Advisors

Course Catalogs (published on Alvernia's webpage)

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 by completing and submitting the published online form to the Registrar. General academic policies in the Course Catalog may be revised by Alvernia during a student's 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 & Course Rotation Schedules (published on myAlvernia)

Academic Completion Plans (formerly 8-semester plans) provide the course timing by semester for each program. Course Rotation Schedules provide multi-year information listing specific course offerings by term. Courses will be scheduled based on the Academic Completion Plans and students must enroll in the specific courses listed during the semester indicated.

AUAdvise (available on myAlvernia logins)

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 (available on myAlvernia for faculty and advisors, on app for students)

EAB Navigate is the official tool that faculty, advisors, navigators, GAE Student Success Advisors 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.

Additional Program Requirements and Progression Notes

Diversity graduation requirement cannot be fulfilled through major courses; students should fulfill this with a Gen Ed class Math & Science students can enroll for an optional Math & Science internship for 6 credits any time after they reach Junior standing.

Students should expect to take additional coursework (3-6 credits of Gen Ed) over the summer or during Winterim in order to complete this Program.

A BS in Biochemistry is awarded at the end of the 4th year. The remainder of the DPT curriculum will result in the earning of the DPT

By January 15th of Junior Year: Must meet DPT Progression Requirements: GPA: Overall 3.25; Science & pre-requisite 3.0 Credits from semesters 7 & 8 course are applied towards BS in Biology. The BS in Biology is awarded after the 8th semester