

## Biochemistry/DPT

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 <i>cannot</i> be fulfilled through major courses; students should fulfill this with a Gen Ed class</b>   |           |   |           |
| <b>Please check with the Department regarding the Senior Capstone graduation requirement</b>   |           |   |           |
| SRH 101: First Year <b>or</b><br>HNR 160: Search Seminar-Enduring Questions  | 3         | BIO 221: General Microbiology w/lab<br>CHE 105: General Chemistry II                      | 4<br>3    |
| BIO 103: Principles of Biology w/lab   | 4         | CHE 111: General Chemistry Lab II   | 1         |
| CHE 104: General Chemistry I   | 3         | MAT 230: Calculus I   | 4         |
| CHE 110: General Chemistry Lab I   | 1         | PSY 101   | 3         |
| CHE 107: Laboratory Safety   | 1         | THE 105 <b>or</b> PHI 105   | <u>3</u>  |
| MAT 131 (if needed) or Gen Ed  | <u>3</u>  |   |           |
| <b>TOTAL</b>   | <b>15</b> | <b>TOTAL</b>  | <b>18</b> |
| <b>Students should expect to take additional coursework (3-6 credits of Gen Ed) over the summer or winter in order to complete this program. A BS in BIOCHEMISTRY is awarded at the end of the 4<sup>th</sup> year. The remainder of the DPT curriculum will result in the earning of the DPT. O BIO 108W n801W tm( )47rBT/TT1 1 Tf10.08 06/MCID 134</b> |           |   |           |
| Semester 3   | Credits   | Semester 4  | Credits   |
| CHE 201: Organic Chemistry I   | 3         | BIO 108/118 (counts as the BIO/CHE elective)  | 4         |
| CHE 210: Organic Chemistry Lab I   | 1         | BIO 304/311: Cell Biology w/lab (or BIO 409: Immunology offered in Fall) <u>or</u> Gen Ed | 3-4       |
| BIO 303: Genetics  | 3         |   |           |
| BIO 309: Molecular Genetics Lab  | 1         |   |           |

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

The information on this page and the Curriculum Sheet is provided in AUAdvise - EAB Navigate as a static

The following Prerequisites courses must be completed with a final grade of “C” or better:

- Human Anatomy and Physiology I and II - 4 credits each with lab • Biology – 3-4 credits
- Chemistry I and II - 4 credits each with lab
- Physics I and II - 4 credits each with lab
- Social Sciences – 6-9 credits (psychology, sociology/anthropology, humanities)
- Statistics - 3 credits
- English Composition/Writing - 3 credits

In order to enter the DPT program within the Alvernia accelerated (3+3) format, students must complete the following preadmission criteria:

- Achieve a cumulative GPA of 3.25, Science GPA of 3.0, Prerequisites GPA of 3.0
- Achieve a minimum grade of “C” in all Prerequisites courses
- All DPT prerequisite courses (listed above) must be taken at a four- year accredited institution. If taken at another institution, only courses in which the student achieved a grade of "B", or higher, will be transferred.
- All 3+3 students must follow the guidelines for applying to the program and submit all required documents through the Physical Therapy Centralized Application Service (PTCAS), which can be accessed through the DPT Program homepage. All decisions are co-7.6 ( m)2.2 (us)-7.6 (t)2.1 ( f)5.4 (o0

- Non-science Prerequisites (statistics, social science, psychology) may be completed online. For science Prerequisites (biology, chemistry, physics, anatomy, and physiology), the lecture portion of each course may be taken online, but the laboratory portion of each course must be taken in a traditional laboratory setting.

