

## Pre-Dentistry Plan – Biology Major

This is a possible academic plan for a Pre-Dentistry student majoring in Biology. It assumes the student had at least a year each of high school biology, chemistry, and physics, and a math ACT of at least 24 OR a math SAT of at least 560.

| Year      | Cr   | Fall Semester  | Cr   | Spring Semester  |  |
|-----------|--|--|--|--|--|
| Freshman  | 3  | CHM 203: General Chemistry I   | 3  | CHM 205: General Chemistry II  |  |
|           | 1  | CHM 204: General Chemistry I Lab                                     | 1  | CHM 206: General Chemistry II lab  |  |
|           | 3  | BIO 201: General Biology   | 3  | BIO 202: General Biology II  |  |
|           | 1  | BIO 205: General Biology I Lab                                       | 1  | BIO 206: General Biology II lab  |  |
|           | Register for Magis Core courses including RSP and subscribe to Pre-Health Info Community   |  | Register for Magis Core courses including RSP and subscribe to Pre-Health Info Community |  |  |
| Sophomore | 3  | CHM 321: Organic Chemistry I   | 3  | CHM 323: Organic Chemistry II  |  |
|           | 1  | CHM 322: Organic Chemistry I Lab                                     | 1  | CHM 324: Organic Chemistry II Lab  |  |
|           | 3-4  | *PHY 201/205: General Physics I OR<br>MTH 231 OR a BIO course choice | 3-4  | *PHY 201/205: General Physics I OR<br>PHY 202/206: General Physics II OR<br>MTH 231 OR a BIO course choice |  |
|           | PHLC 200 Pre-Health Learning Community all year.   |  |  |  |  |
|           | BIO course options include (but are not limited to) BIO 317: Genetics, BIO 362: Cell Structure and Function, and BIO 310: Biostatistics.  *One or more semesters of General Physics can be taken in Senior year since General Physics is NOT tested on the DAT exam. |  |  |  |  |
|           | Some Pre-Dentistry students opt to take the DAT after completing Organic Chemistry in Sophomore year – this is a personal choice. The DAT can also be taken following Junior year.   |  |  |  |  |

| Year   | Cr   | Semester abroad**  | Cr  | Semester at Creighton**                 |  |  |
|--------|--|--|-----|---|--|--|
| Junior | 3  | Magis Core course  | 3   | CHM 371: Biochemistry of Metabolism     |  |  |
|        | 3  | Magis Core course  | 3   | BIO 449: Animal Physiology              |  |  |
|        | 3-6  | Electives / Possible Bio Major course - if approved in advance | 3-6 | Magis Core and/or additional Bio course |  |  |
|        | PDDS 300 Pre-Dental Education Seminar – all Year (can participate while abroad)  **Students can choose to complete a semester abroad during Fall or Spring of Junior year.   |  |     |   |  |  |
| Senior | Some Pre-Dental students will need to take Microbiology and/or Anatomy. Students are encouraged to research individual dental schools for pre-requisite courses and plan accordingly *General Physics I and/or II can be taken in Senior year. |  |     |   |  |  |