

## HONORS B.S. in Biomedical Science Semester by Semester Guide

| Fall 1                              | Credits | Spring 1                            | Credits | Summer 1                        |
|-------------------------------------|---------|-------------------------------------|---------|---------------------------------|
| <b>CHEM:151 Prin Chem I</b>         | 3       | <b>CHEM:153 Prin Chem II</b>        | 3       |                                 |
| <b>CHEM:152 Prin Chem I Lab</b>     | 1       | <b>CHEM:154 Prin Chem I Lab</b>     | 2       |                                 |
| <b>BIOL:111 Prin Bio I</b>          | 4       | <b>BIOL:112 Prin Bio II</b>         | 4       |                                 |
| MATH:149 Pre-Calc                   | 4       | MATH:221 Calc                       | 4       |                                 |
| ENGH:111 English Comp I             | 3       | ENGL:112 English Comp II            | 3       |                                 |
| Total                               | 15      | Total                               | 16      |                                 |
|                                     |         |                                     |         |                                 |
| Fall 2                              | Credits | Spring 2                            | Credits | Summer 2                        |
| <b>CHEM:263 O Chem I</b>            | 3       | <b>CHEM:264 O Chem II</b>           | 3       |                                 |
| <b>CHEM:265 O Chem I Lab</b>        | 2       | <b>CHEM:266 O Chem II Lab</b>       | 2       |                                 |
| <b>BIOL:211 Genetics</b>            | 3       | <b>BIOL:316 Evolutionary Bio</b>    | 3       |                                 |
| <b>BIOL:212 Genetics Lab</b>        | 1       | <b>PHYS:262 College Physics II</b>  | 4       |                                 |
| <b>PHYS:261 College Physics I</b>   | 4       | SOCIO: 100 Intro Soc                | 3       |                                 |
| PSYC: 100 Intro Psy                 | 3       |                                     |         |                                 |
| Total                               | 16      | Total                               | 15      |                                 |
| <a href="#">Apply to EAP</a>        |         |                                     |         |                                 |
| Fall 3                              | Credits | Spring 3                            | Credits | Summer 3                        |
| <b>CHEM:401 Biochem I</b>           | 3       | <b>CHEM: 402 Biochem II</b>         | 3       |                                 |
| <b>BIOL:363 Fdtns of Phys I</b>     | 3       | <b>BIOL:485 Cell Physiology</b>     | 3       |                                 |
| <b>BIOL:364 Fdtns of Phys I Lab</b> | 2       | <b>BIOL:486 Cell Physiology Lab</b> | 2       |                                 |
| STAT:270 Intro Stats                | 4       | ANTH:309 Med in Hum                 | 3       |                                 |
| PHIL:361 Biomed Ethics              | 3       | H: Language Arts                    | 3       |                                 |
| Total                               | 15      | <b>MCAT</b>                         | 14      | <b>MCAT/Apply to Med School</b> |
|                                     |         |                                     |         |                                 |
| Fall 4                              | Credits | Spring 4                            | Credits | Summer 4                        |
| 300/400 Biology Elective            | 4       | Honors Project                      | 2       |                                 |
| 300/400 Biology Elective            | 4       | Honors Colloquia                    | 3       |                                 |
| Honors Colloquia                    | 3       | Civic Literacy                      | 3       |                                 |
| Honors Colloquia                    | 3       | Free Electives                      | 7       |                                 |
|                                     | 14      |                                     | 15      |                                 |

### Notes:

- Courses in bold should be taken during the semester noted. The courses that are not in bold are more flexible. Semester by semester course loads will depend on the number of AP or CCP courses a student completes upon entering the program.
- Students must have 120 credit hours to satisfy the degree requirements.  
\*Free electives may be needed to reach 120 credits, depending on courses selected and AP/CCP.
- MCAT* and *Apply to Med School* could be replaced with other entrance exams or other professional school applications.