



ACADEMIC TENTATIVE DEGREE COMPLETION CHECKLIST  
 College of Sciences, Department of Biomedical Sciences  
 BS, Human Biology

Student Name \_\_\_\_\_ Banner ID \_\_\_\_\_

Catalog Year \_\_\_\_\_ Anticipated Graduation Date \_\_\_\_\_ Advisor \_\_\_\_\_

Additional Comments: \_\_\_\_\_

|  |  |              |  |              |
|--|--|--------------|--|--------------|
| <b>YEAR 1</b>  | <b>Semester 1 Fall</b>   | <b>Hours</b> | <b>Semester 2 Spring</b>   | <b>Hours</b> |
|  | <input type="checkbox"/> BIO 124/125 BIOLOGICAL PRINCIPLES                 | 4            | <input type="checkbox"/> BIO 202/203 ZOOLOGY & LAB                           | 4            |
|  | <input type="checkbox"/> CHEM 110/111 GENERAL CHEMISTRY I & LAB            | 4            | <input type="checkbox"/> BIO 208 FOUNDATIONS OF CELL & MOLECULAR BIOLOGY     | 3            |
|  | <input type="checkbox"/> MATH 145 PRE-CALCULUS OR GENERAL EDUCATION COURSE | 4            | <input type="checkbox"/> CHEM 112/113 GENERAL CHEMISTRY I & LAB              | 4            |
|  | <input type="checkbox"/> ENG 101 OR GENERAL EDUCATION COURSE 1             | 3            | <input type="checkbox"/> MATH 145 PRE-CALCULUS OR GENERAL EDUCATION COURSE 2 | 4            |
|  | <input type="checkbox"/> COLL 101 FIRST YEAR EXPERIENCE                    | 2            | <input type="checkbox"/> GENERAL EDUCATION COURSE 3                          | 3            |
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|  | Semester Hours:  | 17           | Semester Hours:  | 18           |
| Notes: This version of Human Biology is for students who meet or exceed the Math ACT/SAT minimum score of 22/540. Students must take PSYC 101 and SOC 150 among the general education courses within the 4-year time frame. <span style="float: right;">+</span> |  |              |  |              |

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|--|---|--------------|--|--------------|
| <b>YEAR 2</b>  | <b>Semester 1 Fall</b>  | <b>Hours</b> | <b>Semester 2 Spring</b>   | <b>Hours</b> |
|  | <input type="checkbox"/> BIO 206 BIO ANTHROPOLOGY OR BIO 306 BIOTECH                | 3            | <input type="checkbox"/> RESTRICTED ELECTIVE 3                                       | 4            |
|  | <input type="checkbox"/> RESTRICTED ELECTIVE 1                                      | 4            | <input type="checkbox"/> BIO 210 BIOMEDICAL TERM (ONLINE)                            | 3            |
|  | <input type="checkbox"/> RESTRICTED ELECTIVE 2                                      | 4            | <input type="checkbox"/> PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 | 4            |
|  | <input type="checkbox"/> PHYS 101/110 PHYSICS I & LAB OR GENERAL EDUCATION COURSE 5 | 4            | <input type="checkbox"/> BIOMEDICAL CORE COURSE (RESTRICTED ELECTIVE 4)              | 4            |
|  | <input type="checkbox"/> GENERAL EDUCATION COURSE 4                                 | 3            | <input type="checkbox"/> GENERAL EDUCATION COURSE 7                                  | 3            |
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|  | Semester Hours:   | 18           | Semester Hours:  | 18           |
| Notes: Restricted electives must include at least 1 Biomedical core course. 31 credit hours of restricted electives must be BIO and/or CHEM 300-400 level courses. All restricted electives are listed below the 4-year plan. <span style="float: right;">+</span> |   |              |  |              |

|               |   |              |  |              |
|---------------|---|--------------|--|--------------|
| <b>YEAR 3</b> | <b>Semester 1 Fall</b>  | <b>Hours</b> | <b>Semester 2 Spring</b>   | <b>Hours</b> |
|               | <input type="checkbox"/> BIO 221 BIOSTATS OR RESTRICTED ELECTIVE 5                  | 3            | <input type="checkbox"/> BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5              | 4            |
|               | <input type="checkbox"/> PHYS 101/110 PHYSICS I & LAB OR GENERAL EDUCATION COURSE 5 | 4            | <input type="checkbox"/> PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 | 1            |
|               | <input type="checkbox"/> RESTRICTED ELECTIVE 6                                      | 4            | <input type="checkbox"/> RESTRICTED ELECTIVE 8                                       | 3            |
|               | <input type="checkbox"/> GENERAL EDUCATION COURSE 8                                 | 3            | <input type="checkbox"/> GENERAL EDUCATION COURSE 9                                  | 3            |
|               | <input type="checkbox"/> RESTRICTED ELECTIVE 7                                      | 4            | <input type="checkbox"/> RESTRICTED ELECTIVE 9                                       | 3            |
|               |   |              |  |              |
|               |   |              |  |              |
|               |   |              |  |              |
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|               |   |              |  |              |
|               | Semester Hours:   | 18           | Semester Hours:  | 17           |
| Notes:        |   |              |  |              |

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|--|--|--------------|---|--------------|
| <b>YEAR 4</b>  | <b>Semester 1 Fall</b>                               | <b>Hours</b> | <b>Semester 2 Spring</b>                          | <b>Hours</b> |
|  | <input type="checkbox"/> BIO 480 BIOLOGY CAPSTONE    | 1            | <input type="checkbox"/> BIO 480 BIOLOGY CAPSTONE | 1            |
|  | <input type="checkbox"/> GENERAL EDUCATION COURSE 10 | 3            | <input type="checkbox"/> RESTRICTED ELECTIVE 12   | 3            |
|  | <input type="checkbox"/> RESTRICTED ELECTIVE 10      | 3            | <input type="checkbox"/> RESTRICTED ELECTIVE 13   | 4            |
|  | <input type="checkbox"/> RESTRICTED ELECTIVE 11      | 4            | <input type="checkbox"/> GENERAL ELECTIVE         | 3            |
|  | <input type="checkbox"/> GENERAL ELECTIVE            | 3            | <input type="checkbox"/> GENERAL ELECTIVE         | 3            |
|  |  |              |   |              |
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|  |  |              |   |              |
|  |  |              |   |              |
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|  | Semester Hours:                                      | 14           | Semester Hours:                                   | 14           |
| Notes: Up to 14 restricted electives may be required to reach the 43 credit hour total. Five to nine credit hours of general electives are needed to total 120 credit hours. |  |              |   |              |

**COURSE ROTATIONS FOR REQUIRED COURSES:**

|                                  |                                     |
|----------------------------------|-------------------------------------|
| BIO 210 BIOMEDICAL TERM          | Both semesters (online only)        |
| BIO 206 BIOLOGICAL ANTRHOLPOLOGY | Even Falls                          |
| BIO 306 BIOTECHNOLOGY            | Every Fall                          |
| BIO 480 BIOLOGY CAPSTONE         | Full Year (Fall + Spring, in order) |

**COURSE ROTATIONS FOR RESTRICTED ELECTIVES:**

|                               |                                 |
|-------------------------------|---------------------------------|
| BIO 302/303 HUMAN A&P I       | Both semesters                  |
| BIO 317 IMMUNOLOGY            | Spring only                     |
| BIO 325/326 MICROBIOLOGY      | Both semesters                  |
| BIO 328/334 HUMAN A&P II      | Both semesters                  |
| BIO 330 NUTRITION             | Spring and Summer (online only) |
| BIO 338 MEDICAL BOTANY        | Odd Springs                     |
| BIO 343 VETERBRATE ZOOLOGY    | Check with Department Chair     |
| BIO 356 PARASITOLOGY          | As needed (online only)         |
| BIO 401 GENETICS              | Spring only                     |
| BIO 412 NEUROSCIENCE          | As needed                       |
| BIO 423 PATHOPHYSIOLOGY       | Spring only                     |
| BIO 460/461 MOLECULAR BIOLOGY | Fall only                       |
| BIO 462 MICROBIAL PATH        | Fall only                       |
| BIO 465 VIROLOGY              | Even Springs                    |
| BIO 470 BIOCHEMISTRY          | Fall only                       |
| BIO 472 CELL BIO              | Spring only                     |