

# Curriculum Guide: Human Biology Major with Exercise Science Emphasis

An example: Four year plan for **Human Biology Major with Exercise Science Emphasis**

This is a representative plan. Check with your advisor to see that your plan meets the requirements for this emphasis.

120 credits necessary to graduate.

| Course  | Title  | Credits |
|---|--|---------|
| <b>Freshman</b>   |  |         |
| <b>Fall</b>   |  |         |
| BIOLOGY 201<br>& BIOLOGY 202                                  | Principles of Biology:<br>Cellular and Molecular<br>Processes<br>and Principles of Biology<br>Lab: Cellular and<br>Molecular Processes | 4       |
| CHEM 207  | Laboratory Safety  | 1       |
| CHEM 211<br>& CHEM 213  | Principles of Chemistry I<br>and Principles of<br>Chemistry I Laboratory   | 5       |
| MATH 104  | Precalculus ( if needed or<br>First Year Seminar)  | 4       |
|   | Credits  | 14      |
| <b>Spring</b>   |  |         |
| CHEM 212<br>& CHEM 214  | Principles of Chemistry II<br>and Principles of<br>Chemistry II Laboratory   | 5       |
| ENG COMP 105  | English Composition<br>II: Composition and<br>Rhetoric   | 3       |
| HUM BIOL 204  | Anatomy and Physiology   | 5       |
| MATH 260  | Introductory Statistics  | 4       |
|   | Credits  | 17      |
| <b>Sophomore</b>  |  |         |
| <b>Fall</b>   |  |         |
| COMM 133<br>or ENGLISH 104                                    | Fundamentals of Public<br>Address (or Modern<br>Language)<br>or Introduction to<br>Literature  | 3       |
| HUM BIOL 351  | Kinesiology  | 4       |
| HUM BIOL 116  | First Aid and Emergency<br>Care Procedures   | 3       |
| General Ed  |  | 3       |
| General Ed  |  | 3       |
|   | Credits  | 16      |
| <b>Spring</b>   |  |         |
| HUM BIOL 333  | Principles of Sports<br>Physiology   | 3       |
| Modern Language (if using this for requirement) or General Ed |  | 3       |
| General Ed  |  | 3       |
| General Ed  |  | 3       |
| General Ed  |  | 3       |
| Elective  |  | 3       |
|   | Credits  | 18      |
| <b>Junior</b>   |  |         |
| <b>Fall</b>   |  |         |
| BIOLOGY 303<br>or BIOLOGY 307<br>or HUM BIOL 310              | Genetics<br>or Cell Biology<br>or Human Genetics   | 3       |

|                                    |   |         |
|------------------------------------|---|---------|
| HUM BIOL 360<br>& HUM BIOL 361     | Exercise Physiology<br>and Human Physiology<br>Lab - Exercise and<br>Metabolism | 4       |
| Human Biology Upper Level Elective |   | 3       |
| General Ed                         |   | 3       |
| Elective                           |   | 3       |
|                                    | Credits   | 16      |
| <b>Spring</b>                      |   |         |
| HUM BIOL 210                       | Prevention and<br>Treatment of Athletic<br>Injuries                             | 3       |
| NUT SCI 300                        | Human Nutrition   | 3       |
| General Ed                         |   | 3       |
| Elective                           |   | 3       |
| Elective                           |   | 3       |
|                                    | Credits   | 15      |
| <b>Senior</b>                      |   |         |
| <b>Fall</b>                        |   |         |
| Human Biology Upper Level Elective |   | 3       |
| Human Biology Upper Level Lab      |   | 1-2     |
| General Ed                         |   | 3       |
| General Ed                         |   | 3       |
| Elective                           |   | 3       |
|                                    | Credits   | 13-14   |
| <b>Spring</b>                      |   |         |
| Human Biology Upper Level Elective |   | 3       |
| Capstone                           |   | 1-3     |
| General Ed                         |   | 3       |
| Elective                           |   | 3       |
| Elective                           |   | 3       |
|                                    | Credits   | 13-15   |
|                                    | Total Credits   | 122-125 |