Integrative Physiology Major
Suggested 4-year plans

These plans should only be used as a general guide. Individual course choice depends on previous academic preparation and success. **Integrative Physiology**: covering major requirements only.

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
</table>
| 1    | Biology with lab – 4 | Biology with lab – 4  
Calculus (MATH 1300 – 5 or MATH 1310 – 5  
or APPM 1350 – 4) |
|      | CHEM 1113/1114: General Chemistry 1 – 5  
I 2800: Intro. to Statistics – 4 | CHEM 1133/1134: General Chemistry 2 – 5  
I 3410: Human Anatomy (Lecture) – 3  
I 3415: Human Anatomy (Lab) – 2 |
| 2    | PHYS 2010: General Physics 1 – 5  
I 3470: Human Physiology 1 – 3 | PHYS 2020: General Physics 2 – 5  
I 3480: Human Physiology 2 – 3  
I 3435: Physiology Lab – 2 |
| 3    | IPHY Major Core Course - #1*  
IPHY Major Core Course - #2* | IPHY Major Core Course - #3* |
| 4    | IPHY Major Core Course - #1*  
IPHY Major Core Course - #2* | IPHY Major Core Course - #3* |

**Integrative Physiology + Additional Chemistry**: often required for pre-health programs.

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
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</table>
| 1    | Biology with lab – 4  
CHEM 1021: Introduction to Chemistry – 4  
(Note: If CHEM 1021 is not needed, then all chemistry courses move up one semester.)  
—or—  
Calculus (MATH 1300 – 5 or MATH 1310 – 5  
or APPM 1350 – 4 (or take in the Spring.)) | Biology with lab – 4  
CHEM 1113/1114: General Chemistry 1 – 5  
I 3410: Human Anatomy (Lecture) – 3  
I 3415: Human Anatomy (Lab) – 2 |
| 2    | CHEM 1133/1134: General Chemistry 2 – 5  
I 3410: Human Anatomy (Lecture) – 3  
I 3415: Human Anatomy (Lab) – 2 | CHEM 3311/3321: Organic Chemistry 1 – 5  
I 2800: Intro to Statistics – 4  
I 3470: Human Physiology 1 – 3 |
| 3    | CHEM 3331/3341: Organic Chemistry 2 – 5  
I 3480: Human Physiology 2 – 3  
I 3435: Physiology Lab – 2 | CHEM 4611: Survey of  
Biochemistry – 3  
PHYS 2010: General Physics 1 – 5 |
| 4    | IPHY Major Core Course - #1*  
PHYS 2020: General Physics 2 – 5  
IPHY Major Core Course - #2* | IPHY Major Core Course - #3* |

(I = Integrative Physiology Course)