

# Human Physiology, BS

## Academic Plans

### Four-Year Graduation Plan

The following checkpoints list the minimum requirements students must complete by certain semesters in order to stay on the university's Four-Year Graduation Plan. Courses in the major are those required to complete the major; they may be offered by departments other than the major department.

**Before the fifth semester begins:** calculus and at least six more courses in the major.

**Before the seventh semester begins:** at least six more courses in the major (total of 13) and at least 90 s.h. earned toward the degree.

**Before the eighth semester begins:** at least two more courses in the major (total of 15).

**During the eighth semester:** enrollment in all remaining coursework in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate.

### Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Human Physiology, BS

Course	Title	Hours
<b>Academic Career</b>		
<b>Any Semester</b>		
Transfer students must complete a minimum of 16 s.h. in human physiology coursework at the University of Iowa, including HHP:3550 Human Physiology with Laboratory.		
GE CLAS Core: Sustainability <sup>a</sup>		
<b>Hours</b>		<b>0</b>
<b>First Year</b>		
<b>Fall</b>		
MATH:1550 or MATH:1460  or MATH:1850	Engineering Calculus I <sup>b, c</sup> or Calculus for the Biological Sciences or Calculus I	4
RHET:1030 or ENGL:1200	Rhetoric: Writing and Communication or The Interpretation of Literature	3 - 4
GE CLAS Core: Understanding Cultural Perspectives (may be satisfied by core course if opting to take HHP:2280 Cultural Competency and Health) <sup>d</sup>		3
GE CLAS Core: Literary, Visual, and Performing Arts <sup>d</sup>		3
CSI:1600	Success at Iowa	1
<b>Hours</b>		<b>14-15</b>

### Spring

HHP:1050	Exploring Health and Human Physiology	1
CHEM:1110	Principles of Chemistry I <sup>c, e</sup>	4
RHET:1030 or ENGL:1200	Rhetoric: Writing and Communication or The Interpretation of Literature	3 - 4
GE CLAS Core: Social Sciences <sup>d</sup>		3
GE CLAS Core: Values and Society <sup>d</sup>		3
Elective course <sup>f</sup>		2

**Hours 16-17**

### Second Year

#### Fall

BIOL:1411	Foundations of Biology <sup>c</sup>	4
CHEM:1120	Principles of Chemistry II	4
HHP:2310 or HHP:2280 or HHP:2200	Nutrition and Health <sup>g</sup> or Cultural Competency and Health or Physical Activity and Health	3
GE CLAS Core: World Languages First Level Proficiency or elective course <sup>h</sup>		4 - 5

**Hours 15-16**

#### Spring

BIOL:1412	Diversity of Form and Function	4
GE CLAS Core: Historical Perspectives <sup>d</sup>		3
GE CLAS Core: International and Global Issues <sup>d</sup>		3
GE CLAS Core: World Languages Second Level Proficiency or elective course <sup>h</sup>		4 - 5
Elective course <sup>f</sup>		2

**Hours 16-17**

### Third Year

#### Fall

HHP:3115	Anatomy for Human Physiology With Lab	5
PHYS:1511	College Physics I	4
STAT:2010 or STAT:4143 or STAT:3510	Statistical Methods and Computing or Introduction to Statistical Methods or Biostatistics	3
GE CLAS Core: World Languages Third Level Proficiency or elective course <sup>h</sup>		4 - 5

**Hours 16-17**

#### Spring

HHP:3550	Human Physiology With Laboratory <sup>i</sup>	5
PHYS:1512	College Physics II	4
GE CLAS Core: World Languages Fourth Level Proficiency or elective course <sup>h</sup>		4 - 5
Elective course <sup>f</sup>		3

**Hours 16-17**

### Fourth Year

#### Fall

Major: elective or emphasis area course <sup>j, k</sup>		3
Major: elective or emphasis area course <sup>j, k</sup>		3
Major: elective or emphasis area course <sup>j, k</sup>		3
Elective course <sup>f</sup>		3

Elective course <sup>f</sup>	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Major: elective or emphasis area course <sup>j, k</sup>	3
Major: elective or emphasis area course <sup>j, k</sup>	3
Major: elective or emphasis area course <sup>j, k</sup>	3
Elective course <sup>f</sup>	3
Elective course <sup>f</sup>	3
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) <sup>i</sup>	
<b>Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>123-129</b>

- a Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these General Education areas: Natural Sciences; Quantitative or Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Society.
- b Enrollment in math courses requires completion of a placement exam.
- c Fulfills a major requirement and may fulfill a GE requirement.
- d GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.
- e Enrollment in chemistry courses requires completion of a placement exam.
- f Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
- g Students opting to take HHP:2310 must complete other courses to satisfy the following GE requirements: Understanding Cultural Perspectives; and Values and Society.
- h Students who have completed four levels of a single language or two levels of two different languages in high school or college have satisfied the GE CLAS Core World Languages requirement. Students who have completed three levels of a single language may complete a fourth-level course in the same language or may choose an approved World Language and Cultural Exploration course. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course. Contact your academic advisor or CLAS Undergraduate Programs Office with questions concerning the World Languages requirement.
- i This course must be completed at the University of Iowa.
- j Students may declare an emphasis area in clinical physiology; neuromuscular physiology and metabolism; or research. Major elective requirements can be met by completing emphasis area courses. See the General Catalog for approved emphasis area course lists.
- k Students complete at least 18 s.h. of major electives, of which 12 s.h. must be in HHP coursework; at least 6 s.h. will be taken from designated organ system-based courses and 3 s.h. from courses emphasizing integrative physiology. See the General Catalog for a list of approved elective courses.
- l Please see Academic Calendar, on Office of the Registrar website, for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Degree Services.