

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
Academic Career		
Any Semester		
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 ^a		
Hours		0
First Year		
Fall		
MATH:1850 or MATH:1460 or MATH:1550	Calculus I ^{b, c} or Calculus for the Biological Sciences or Engineering Mathematics I: Single Variable Calculus	4
ENGL:1200 or RHET:1030	The Interpretation of Literature or Rhetoric	3 - 4
GE CLAS Core: Diversity and Inclusion (may be satisfied by core course if opting to take HHP:2280 Cultural Competency and Health) ^d		3
GE CLAS Core: Literary, Visual, and Performing Arts ^d		3
CSI:1600	Success at Iowa	2
Hours		15-16
Spring		
HHP:1050	Exploring Health and Human Physiology	1

CHEM:1110	Principles of Chemistry I ^{b, e}	4
RHET:1030 or ENGL:1200	Rhetoric or The Interpretation of Literature	3 - 4
GE CLAS Core: Social Sciences ^d		3
GE CLAS Core: Values and Culture (may be satisfied by core course if opting to take HHP:2200 Physical Activity and Health) ^d		3
Elective course ^f		2
Hours		16-17

Second Year

Fall

BIOL:1411	Foundations of Biology ^b	4
CHEM:1120	Principles of Chemistry II	4
HHP:2310 or HHP:2200 or HHP:2280	Nutrition and Health ^g or Physical Activity and Health or Cultural Competency and Health	3
GE CLAS Core: World Languages First Level Proficiency or elective course ^h		4 - 5
Hours		15-16

Spring

BIOL:1412	Diversity of Form and Function	4
GE CLAS Core: Historical Perspectives ^d		3
GE CLAS Core: International and Global Issues ^d		3
GE CLAS Core: World Languages Second Level Proficiency or elective course ^h		4 - 5
Hours		14-15

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 ^h		4 - 5
Hours		16-17

Spring

HHP:3550	Human Physiology with Laboratory	5
PHYS:1512	College Physics II	4
GE CLAS Core: World Languages Fourth Level Proficiency or elective course ^h		4 - 5
Elective course ^f		3
Hours		16-17

Fourth Year

Fall

Major: elective or emphasis area course ^{j, k}		3
Major: elective or emphasis area course ^{j, k}		3
Major: elective or emphasis area course ^{j, k}		3
Elective course ^f		3
Elective course ^f		3
Hours		15

Spring

Major: elective or emphasis area course ^{j, k}		3
Major: elective or emphasis area course ^{j, k}		3

Major: elective or emphasis area course ^{j, k}	3
Elective course ^f	3
Elective course ^f	2
Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) ^l	
Hours	14
Total Hours	121-127

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 and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.

b Fulfills a major requirement and may fulfill a GE requirement.

c Enrollment in math courses requires completion of a placement exam.

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: Diversity and Inclusion; and Values and Culture.

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 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.

k 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.

l Please see Academic Calendar, 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.