

INTEGRATIVE PHYSIOLOGY

For Students Declaring Fall 2020 or After

Ancillary Courses IPHY

(C- or better required)

Biology Sequence

Offered: Check with Advisor for availability
EBIO1210/1230 and EBIO1220/1240
or
MCDB1150 and MCDB2150 and 2 credit hour lab

General Chemistry 1

Offered: Fall, Spring, & Summer
CHEM1113/1114

General Chemistry 2

Offered: Fall, Spring, & Summer
CHEM1133/1134

Statistics: IPHY 3280

Offered: Fall, Spring, & Summer*
Counts toward IPHY credit hours

Physics 1

Offered: Fall, Spring, & Summer
Algebra-based: PHYS2010
or
Calculus-based: PHYS1110
Note: Calc-based physics requires Calc 1

IPHY Courses & Prerequisites

(C- or better required)

Human Anatomy: IPHY3410-3

Offered: Fall, Spring, & Summer
Pre-req: EBIO1210 or MCDB1150

Human Physiology: IPHY3430-4

Offered: Fall, Spring, & Summer
Pre-req: IPHY3410 **Co-req:** CHEM1133/1134

Physiology lab: IPHY3435-2

Offered: Fall, Spring, & Summer
Pre-req: IPHY2800 or IPHY3280
Co-req: IPHY3480 or IPHY3430

(Recommended)

Human Anatomy Lab: IPHY3415-2

Offered: Fall, Spring, & Summer
Co-req: IPHY3410

IPHY Core Courses & Prerequisites

(15hrs of Core course, C- or better required)

Cellular Physiology: IPHY 4060-4

Offered: Fall only **Pre-req:** IPHY3470 or IPHY3430, IPHY3435
Course components: Lecture and lab

Endocrinology: IPHY 4440-4

Offered: Fall, Spring, & Summer* **Pre-req:** IPHY3480 or IPHY3430, IPHY3435 **Course components:** Lecture and recitation

Biomechanics: IPHY 4540-5

Offered: Fall only **Pre-req:** Statistics, IPHY3470 or IPHY3430, Physics 1 **Course Components:** Lecture, lab, and recitation

Sleep Physiology: IPHY 4580-3

Offered: Spring only **Pre-req:** Statistics, IPHY3470 or IPHY3430
Course Components: Lecture

Immunology: IPHY 4600-3

Offered: Fall, Spring, & Summer* **Pre-req:** IPHY3470 or IPHY3430 **Course components:** Lecture

Exercise Physiology: IPHY 4650-5

Offered: Fall & Spring **Pre-req:** IPHY 3480 or IPHY3430, IPHY3435 **Course Components:** Lecture, lab, and recitation

Neurophysiology: IPHY 4720-4

Offered: Fall, Spring, & Summer* **Pre-req:** IPHY3470 or IPHY3430, IPHY3435 **Course Components:** Lecture and lab

* Summer course availability is subject to change

*Additional IPHY courses may be needed to reach 30 hours of IPHY.
See your academic advisor to develop an individualized plan to complete the major*