

INTEGRATIVE PHYSIOLOGY

For Students Declaring Before Fall 2020

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: IPHY2800 (*preferred*)

Offered: Fall, Spring & Summer*
IPHY2800 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

Pre-req →

Pre-req →

Co-req →

Pre-req →

Co-req ↓

IPHY Courses & Prerequisites

(C- or better required)

Human Anatomy: IPHY3410-3

Offered: Fall, Spring & Summer
Prerequisites: 1 year Bio Sequence

Physiology 1: IPHY3470-3

Offered: Fall, Spring & Summer
Prerequisites: CHEM1113/4 and IPHY3410

Physiology 2: IPHY3480-3

Offered: Fall, Spring & Summer
Prerequisites: CHEM1113/4 and IPHY3470. Co-req
CHEM1133/4

Physiology lab: IPHY3435-2

Offered: Fall, Spring & Summer
Prerequisites: IPHY3470 or IPHY3430. CHEM1113/4
& co-req CHEM1133/4

(Recommended)

Human Anatomy Lab: IPHY3415-2

Offered: Fall, Spring & Summer
Prerequisites: 1 year Bio Sequence

IPHY Core Courses & Prerequisites

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

Cellular Physiology: IPHY 4060-4

Offered: Fall only **Prerequisite:** IPHY 3470
Course components: Lecture and lab

Immunology: IPHY 4600-3

Offered: Fall & Spring & Summer* **Prerequisite:** IPHY 3470
Course components: Lecture

Endocrinology: IPHY 4440-4

Offered: Fall & Spring (& summer*) **Prerequisite:** IPHY 3470
Course components: Lecture and recitation

Biomechanics: IPHY 4540-5

Offered: Fall only **Prerequisite:** IPHY 2800, 3470, Physics 1
Course Components: Lecture, lab and recitation

Exercise Physiology: IPHY 4650-5

Offered: Fall & Spring **Prerequisite:** IPHY 3480
Course Components: Lecture, lab and recitation

Neurophysiology: IPHY 4720-4

Offered: Fall & Spring & Summer* **Prereq:** IPHY 2800 & 3470
Course Components: Lecture and lab

Sleep Physiology: IPHY4580-3

Offered: Spring only **Prerequisite:** 3470
Course Components: Lecture

* 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*