

HONORS CONCENTRATION

Integrative Biology

The Integrative Biology Honors Concentration

...is a complete curriculum, not just special sections of large courses. This program is designed to offer outstanding, highly motivated students the chance to experience all that biology has to offer at the University of Illinois in a small and intentional cohort model.

ONLY HONORS OFFERS

- Three, Themed Semester-long Core Honors Courses
Dive into the integration of biology at all levels of organization: from cells & molecules, to organisms, to ecosystems.
- Strong foundations in chemistry with a built in minor, in addition to physical sciences, math, & statistics
Designed to supplement advanced courses in biology
- Built in research experience with the requirement of at least two semesters of independent research
Often leading to graduation with distinction!

*IB Honors students are among the **best prepared** students at the University, whether their career goals be professional schools (**Medical, Veterinary, Dental or others**), **research, conservation, or industry**. You'll have a firm grounding in a broad range of scientific techniques, enhanced critical thinking, and communication skills.*

HOW TO APPLY

- Application period is Spring semester of your freshman year
Informational meetings will be held in late fall and early spring
- Individual interviews are held and notified of acceptance in advance of registration for the fall semester
In exceptional circumstances students may be admitted at the end of the spring semester, freshman year
- To be accepted, students must have the following:
3.0 GPA by the end of their second semester
Completion of general chemistry
Show evidence of success in math and science courses & have a strong interest in biology

TYPICAL FOUR YEAR PLAN IB

Integrative Biology Honors

SEMESTER 1

IB 150 OR MCB 150 (4hrs)
CHEM 101 or CHEM 102 & 103 (3-4hrs)
MATH 112, MATH 115, MATH 220/1, MATH 231 or RHET 105 (3-5hrs)
Gen Ed, PSYC 100, or SOC 100 (1-4hrs)
Total Hours: 13-16hrs

SEMESTER 3

IB 270 (5hrs)
IB 303 (Anatomy) (4hrs)
CHEM 232 & CHEM 233 (6hrs)
Total Hours: 15hrs

SEMESTER 5

IB 372 (5hrs) ADV. COMP
PHYS 101 or PHYS 211 (4-5hrs)
MCB 450 (3hrs)
Elective or IB 390 (2-3hrs)
Total Hours: 14-17hrs

SEMESTER 7

Advanced IB Course (3-4hrs)
400 Level Stats (4hrs)
IB 490 (3hrs)
Gen Ed or Elective (3hrs)
Total Hours: 13-15hrs

SEMESTER 2

IB 150 OR MCB 150 (4hrs)
CHEM 102 & 103 or CHEM 104 & 105 (4hrs)
MATH 115, or MATH 220, MATH 231 or RHET 105 (3-5hrs)
Gen Ed, PSYC 100, or SOC 100 (1-4hrs)
Total Hours: 13-16hrs

SEMESTER 4

IB 271 (5hrs)
Elective, MATH 231, or IB 494 (SP EVEN) (3-4hrs)
CHEM 332 (4hrs)
Gen Ed or Elective (3-4hrs)
Total Hours: 15-17hrs

SEMESTER 6

Advanced IB Course (3-4hrs)
PHYS 102 or PHYS 212 (4-5hrs)
Elective or IB 494 (SP EVEN) (3-4hrs)
Elective or IB 390 (2-3hrs)
Total Hours: 12-14hrs

SEMESTER 8

Elective or IB 494 (SP EVEN) (3-4hrs)
ADV PHYS (If needed) (4hrs)
Elective or ADV CHEM (MINOR) (3hrs)
IB 490 (3hrs)
Total Hours: 13-14hrs

Typical Pre-Med requirements are outlined in orange