

Spring 2012: NEW ALTERNATIVE COURSE to BIO 205 BIO 207: Scientific Inquiry IIB

Which of these courses should you take?

Please see the comparison of these two courses (slightly modified from a comparison by Course Director, Prof. O'Neal):

In Spring 2012 Undergraduate Biology will offer an alternative to BIO 205: "Fundamentals of Scientific Inquiry in the Biological Sciences IIA" (2 cr) called BIO 207: "Fundamentals of Scientific Inquiry in the Biological Sciences IIB" (2 cr).

Students must have passed BIO 204: "Fundamentals of Scientific Inquiry in the Biological Sciences I" (2 cr) in order to register for either course.

BIO 207 is an alternative to BIO 205 and thus, students will not receive additional credit for completing both BIO 205 and BIO 207 due to the overlap between the two courses.

Both courses have the same 3 physiology labs including "design your own experiment" physiology lab. Both courses also share a multi-week project on understanding primary scientific literature.

One minor difference is the BIO 205 project ends with a poster presentation, whereas BIO 207 ends with a web page presentation.

Major differences between the two courses reside in the remaining 7 labs. BIO 205 has 4 DNA technique labs, 1 comparative anatomy lab, and 2 design labs; whereas, BIO 207 includes 2 biochemistry labs and 1 rapid-prototyping, communicating science, crystallization, journal club and seminar lab.