

INTEGRATIVE AND BIOMEDICAL PHYSIOLOGY

Minor

Requirements listed here are in addition to requirements for minors in Graduate Council policies listed under GCAC-600 Research Degree Policies (<https://gradschool.psu.edu/graduate-education-policies/>) and GCAC-700 Professional Degree Policies (<https://gradschool.psu.edu/graduate-education-policies/>).

The objective of the doctoral minor in Integrative and Biomedical Physiology is to augment the training of doctoral students with a coordinated group of courses that provide an integrated perspective of physiology from the molecular to the organismal level. It is expected that most students pursuing the minor will be graduate degree candidates in basic biological sciences, health sciences, or bioengineering.

The doctoral minor in Integrative and Biomedical Physiology requires the following:

- BIOL 472 (<https://bulletins.psu.edu/search/?P=BIOL%20472>) - If the student took a one-semester, upper-level undergraduate mammalian physiology course as an undergraduate, then this requirement may be waived with approval by the chair of the Integrative and Biomedical Physiology program.
- PHSIO 571 (<https://bulletins.psu.edu/search/?P=PHSIO%20571>) and PHSIO 572 (<https://bulletins.psu.edu/search/?P=PHSIO%20572>) - If these courses are required for the major, then substitute an equal number of credits in 500-level Integrative and Biomedical Physiology elective courses.
- A 3-credit, 500-level Integrative and Biomedical Physiology elective course.
- Select additional credits from 500-level Integrative and Biomedical Physiology courses or a relevant 400- or 500-level course so that the total course credits for the minor is 15. These 15 credits cannot include course work that is used to fulfill requirements in the student's major.
- Elective courses for the minor must be approved by the chair of the Integrative and Biomedical Physiology program. For a list of suggested courses, contact the graduate program.
- Students must earn a grade of C or better in each course in the minor and maintain an overall average of 3.00 in the minor.
- One member of the Ph.D. committee must be a faculty member in the Intercollege Graduate Degree Program in Integrative and Biomedical Physiology.
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