BIOCHEMISTRY

Administrative Unit: Biochemistry
College/School: College of Agricultural and Life Sciences, School of Medicine and Public Health
Admitting Plans: Ph.D.
Degrees Offered: M.S., Ph.D.
Minors and Certificates: Doctoral Minor

The Integrated Program in Biochemistry (IPiB) is a joint graduate program between the Department of Biochemistry and the Department of Biomolecular Chemistry, providing students with the opportunity to work with 50 faculty members. The program offers a Ph.D. degree with a major in biochemistry. Although an M.S. degree is officially offered, students are not admitted for a terminal master’s degree.

The program has excellent research facilities and active research programs in the major areas of contemporary biochemistry, including: cell and developmental biology, chemical biology, computational biology, endocrinology, enzymology, immunology, metabolism, molecular genetics, molecular medicine, physical biochemistry and biophysics, structural biology, systems and synthetic biology, and virology. These are set in the highly interactive research environment that pervades the UW–Madison campus. Close association is maintained with other departments and programs having a biochemical orientation including animal sciences, bacteriology, biophysics, botany, cell and molecular biology, chemistry, genetics, nutritional sciences, oncology, plant pathology, and zoology. An exceptional range of research projects and advanced seminars is available to graduate students.

The program prepares students for teaching and research in academic positions, for research in government service, and for research and development work in industry.

DUAL DEGREES

The program participates with the School of Medicine and Public Health in offering a joint program for students wishing to complete both the M.D. and Ph.D. degrees. The basic prerequisites and degree requirements for the Ph.D. in the M.D./Ph.D. program are identical to those for the major in biochemistry; however, the minor may be taken in medical sciences. For the prerequisites and degree requirements for the M.D. degree, as well as the online application form, see Medical Scientist Training Program (http://mstp.med.wisc.edu).

DEGREES/MAJORS, DOCTORAL MINORS, GRADUATE/PROFESSIONAL CERTIFICATES

- Biochemistry, Doctoral Minor (http://guide.wisc.edu/graduate/biochemistry/biochemistry-doctoral-minor)
- Biochemistry, M.S. (http://guide.wisc.edu/graduate/biochemistry/biochemistry-ms)
- Biochemistry, Ph.D. (http://guide.wisc.edu/graduate/biochemistry/biochemistry-phd)

PEOPLE

Faculty: Professors B. Fox (chair, Department of Biochemistry), Kiley (chair, Department of Biomolecular Chemistry), Amasino, Ansari, Attie, Bednarek, Brow, Butcher, Clagett-Dame, Coon, Cox, Craig, Denu, C. Fox, Friesen, Hayes, Holden, Hull, Keck, Kimble, Landick, Markley, Martin, Mitchell, Mosher, Ntambi, Palmenberg, Pike, Ralph, Rayment, Record, Sheets, Sussman, Wickens; Associate Professors Audhya, Chanda, Craciun, Henzler-Wildman, Pagliarini, Senes, Weibel; Assistant Professors Engin, Harrison, Hoskins, Lewis, Merrins, Raman, Romero, Venturelli, Wildonger