Interdisciplinary Concentrations

In addition to the required major and optional minor programs, the university also offers a number of interdisciplinary concentrations and programs as options to supplement and strengthen specific degree majors. Interdisciplinary concentrations consist of approximately 18 to 39 semester hours of course work in which the student has attained at least a 2.0 (C) average. To qualify for a concentration students must complete all the requirements of the related major as specified in the *Bulletin*. A completed concentration is noted on the transcript. For further details concerning concentrations, programs, and recommended courses, students are advised to contact the coordinator/director or the chairperson of a department participating in the concentration or program. The contact secretary for all concentrations is located in the Department of Political Science in the Administration Building.

Concentrations

The following interdisciplinary concentrations are available:

Biochemistry/Molecular Biology — This concentration is for students majoring in biology or life sciences chemistry who seek rigorous training in the molecular basis of biological processes. The concentration may be of interest to a) students planning for graduate work in fields such as biochemistry, molecular biology, biophysics, structural biology, and molecular genetics, b) students considering careers in biotechnology, and c) premedical students interested in the molecular basis of medicine. Admission to the concentration is limited because of space limitations in BL/CH 470, so students must apply to the coordinators for admission to the concentration by the end of sophomore year. Students must have completed the following courses before the start of junior year: for *Biology* majors, BL 155-158, 213; CH 141-144 (or 151H, 153), 221-224; MT 135, 228; for *Chemistry* majors, BL 155-158, 213; CH 141-144 (or 151H, 153), 221-224, 261, 263; MT 135-136 (or MT 135, 228), PH 125, 125L, 126, 126L, may be taken during the sophomore (preferably) or junior years. During the junior and senior years, students will take the following courses: for *Biology* majors, BL 465, 470; CH 361 (or 365, 366), 435-437, 439; for *Chemistry* majors, BL 465 and one BL elective chosen from a list provided by the coordinators; CH 361 (or 365-366), 367, 435-437, 439, 470. All of the courses listed here may be used to satisfy major requirements. Students will have to take additional courses to satisfy all requirements of their major. **Coordinators:** Dr. David Mascotti (Chemistry); Dr. James Lissemore (Biology).