Biochemistry

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Joint Appointments with Chemistry: Professor Daniel J. O’Leary, Assistant Professor
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Note: Below is a list of required and elective courses for the major in Biochemistry. Please refer to the departments of Biology, Chemistry, Mathematics, and Physics for further information, including course descriptions, instructors, and semesters when these courses will next be offered.

Requirements for the Major in Biochemistry

All majors must complete the following courses: Biology 109, 224 (same as Chemistry 231), 232 (same as Chemistry 232), 263 (same as Chemistry 263); Chemistry 109, 225, 226, 251; Mathematics 161, 171; Physics 103, 104. Students are encouraged to complete the required biochemistry core courses by the end of their junior year so that they may take upper-level courses and participate in research in the senior year. Majors must also complete two courses from the following: Biology 210 (same as Environmental Studies 210), 212, 214, 217, 218, 253, 255, 257, 266, 303, 304, 306, 307, 317, 333, 401–404; Chemistry 210, 240, 252, 254, 270, 305 (same as Environmental Studies 305), 330, 331, 360, 401–404; Physics 223, 401–404. Students may include as an elective one 400-level course. Students taking independent study courses for honors in the biochemistry major should register for Biochemistry 401–404.

Bowdoin College does not offer a minor in biochemistry.

Advanced Courses

401a–404a. Advanced Independent Study and Honors in Biochemistry. The Department.