The chemistry-biology major is an interdisciplinary program designed for students interested in the health sciences, molecular and cell biology, environmental disciplines such as ecotoxicology, and any other field in which a good preparation in both chemistry and biology is needed. All chemistry-biology majors must take a basic core of courses in science and math. Beyond this basic core, they must elect a course of study that emphasizes either a molecular-biochemical or an environmental concentration. Students who elect the chemistry-biology major may not elect a major or minor in either chemistry or biology.

Core requirements for a major in chemistry-biology: The basic core of required courses includes BIO 121; CHM 111, 112, and 211; PHY 151 and 152 or 171 and 172; MTH 201 or higher level calculus; and BIO 501 and 502 or CHM 501 and 502. A senior thesis is required. For students electing to take BIO 501 and 502, MTH 120 or PSC 211 and BIO 200 or PSC 212 are prerequisites. For students electing to take CHM 501 and 502, one writing prerequisite course is required from among the following BIO 200, PSC 212, CHM 333, 334, 342, or 414, or another course approved by the instructor.

Molecular-biochemical emphasis: BIO 219 and three courses in biology selected from the following: BIO 211, 216, 226, 312, 314, 327, 328, and 329. Two of the following courses: CHM 214, 321, and 333 or 334. Students who plan to attend graduate school in biochemistry are advised to take both CHM 333 and 334, and CHM 422.

Environmental emphasis: ENV 120; BIO 247 and two additional courses in biology including one of the following: BIO 314, 337, 338, 339 and 450. Two of the following courses: CHM 214, 321, and 333 or 334.