

Biotechnology Minor Advising Form

Although this form is designed for advising purposes, a completed copy must be signed by the program director and provided to Student Records before the degree will be awarded.

Student Name _____

Email address _____

Expected Graduation Date _____

Major _____ Advisor _____

Coursework toward minor:

Class	Session (quarter, year)	Grade
Bio 21		
Bio 24		
Bio 25		
Chem 11 – General Chemistry I		
Chem 12 – General Chemistry II		
Chem 13 – General Chemistry III		
Chem 31 – Organic Chemistry I		
Chem 32 – Organic Chemistry II		
Bio 171 – Ethical Issues in Biotechnology		
Bio 175 – Molecular Biology		
Bio 189 – Topics in Cell/Molecular Biology		
<u>Biotechnology Lab Course (one required)</u> Bio 176 – Recombinant DNA Technology Bio 177 – Cell Culture and Proteins Chem 143 – Biochemistry Laboratory		
<u>Elective (one required)</u> Bio 113 – General Microbiology Bio 110 - Genetics Bio 174 - Cell Biology Chem 141 – Biochemistry		
Final Grade Point Average in required courses (must be ≥ 2.0) _____		
Required internship completed (see other side) _____		

The requirements for the Biotechnology Minor have been met.

Signature of the Director of the Biotechnology Program

Date: _____

Internship Certification

Student Name : _____

To fulfill the Biotechnology Minor requirements, a student must complete an internship meeting the following criteria:

The work done during the internship must be in an area relevant to biotechnology. This includes molecular biology, cell biology, genetics, biochemistry, microbiology, and pharmacology. Work not fitting obviously into these fields will be considered on a case-by-case basis.

The internship must be done in a professional environment. Possible settings include biotechnology companies, and research laboratories at universities, non-profit research institutes, and government facilities.

The work must be supervised by a professional scientist, ideally one with an advanced degree (PhD, MS, or MD) and/or several years of professional experience.

Internships must be a minimum of 10 weeks of full-time work, or 400 hours distributed over a longer period.

Students who want unit credits for an internship must follow standard procedures for the department from which they are seeking credit. Generally only unpaid internships will be eligible for course credit.

Part 1 : To be filled out when the student has arranged an internship.

Company/Institution where proposed internship will be done: _____

Supervisor: _____ Title/position: _____

Contact information for supervisor:

Work phone: _____ Fax: _____ Email : _____

Work address: _____

Contact information for student during internship:

Work phone: _____ Email address: _____

Brief description of project and/or type of work to be done during internship:

This proposal has been tentatively approved. Final approval requires satisfactory completion of the internship, as certified below.

Signature of the Director of the Biotechnology Program

Date: _____

Part 2 : To be filled out when the student has completed the internship.

The student must present a written summary of the internship to the Director of the Biotechnology Program, to be included in the student's file.

The internship supervisor must verify in writing that the student has satisfactorily completed the internship, and provide an evaluation of the student's work and achievement(s) to be included in the student's file.

The internship has been successfully completed and documented as described above.

Signature of the Director of the Biotechnology Program

Date: _____