Certificate in Genetic Engineering


(It's a description of several programs; search for “genetic engineering” or scroll down to the appropriate section.) Much of the description is “modified” below.

This is a graduate certificate program, and requires that you be enrolled in the masters program with a research thesis objective. The application letters, transcripts you send to the Department should be addressed to "Graduate Coordinator" rather than Genetic Engineering Certificate Coordinator. You must be admitted into the graduate school, and into a specific program within the Department. Therefore you will be sending some materials to the Graduate School, and some to the Department of Biology’s Graduate Coordinator—don’t assume that your application materials will flow from one to another. If you have one or two prerequisite courses to complete, you may be admitted “conditionally,” completing those requirements as a first-year graduate student. Once you are in the graduate program, there's no special application for the Genetic Engineering program; you can start taking the courses.

The core of the certificate program consists of two courses—Biology 743 and 744, which are usually offered every fall semester. Although specific courses are listed in Bulletin, the additional courses may be any rigorous, relevant, laboratory-intensive graduate courses in Biology (including BIOL and BIOM prefixes currently listed under the Center for Biomedical Laboratory Science); these will be approved on an individual basis by the Certificate Program coordinator when you’re ready to enroll in the courses. Related work in bioinformatics or computational biology, or in biochemistry, will also be considered.

The master’s degree program generally takes about two years, and runs at least 30 units. The certificate program is concurrent, and all of the units for the certificate should also be applicable to the master’s degree. When you’ve finished the required thirteen units for the certificate, you can get an application for a certificate from the Registrar’s office.

You can find some information on the Department at [http://www.sfsu.edu/~biology](http://www.sfsu.edu/~biology) and information about graduate program application at [http://www.sfsu.edu/~biology/Grads/pages/gradapp.html](http://www.sfsu.edu/~biology/Grads/pages/gradapp.html)

Updated 8/22/04