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Students choose courses and a senior research project from the following topics:

- **General Biotechnology**: Allows students to take the maximum range of elective courses to obtain an overview of biotechnology applications.

- **Environmental and Microbial Biotechnology**: Offers classes pertinent to monitoring and reducing chemical and microbial contaminants in the human environment.

- **Plant Biotechnology**: Presents the methods and objectives of plant tissue culture and genetic modification for agricultural or industrial purposes.

- **Insect and Pathogen Biotechnology**: Provides training in technologies that protect plants under human management from attack by insects or diseases.

- **Aquaculture and Bioreactor Biotechnology**: Focuses on the design and operation of artificial environments for efficient production of high-value compounds and organisms.

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