

BTC 132: Orientation Seminar

Wednesday 5:00-6:00 pm, Baker 139

Fall 2005

Course description and objectives: This course is designed for incoming undergraduate students (freshmen and transfers). The students will be introduced to various campus resources, different research disciplines in biotechnology, and faculty members and students in the program. At the end of the course, the students will gain insights useful for course selection and future career choices, appreciate the interconnections amongst the various disciplines, and develop professional skills and attitudes. This course will also serve as a forum to address issues that typically do not fit well into the traditional courses.

Course requirements: Regular attendance to lectures, participation in field trips/tours, and class discussions.

Course schedule and outline:

Schedule	Activities	Speakers
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STUDENTS MEET IN ILLICK 5:

Aug 31	Introduction and Goals of EFB Seminars (joint)	Dr. Tsutomu Nakatsugawa
Sep 07	Field Trip to Water Treatment Facility(joint)	Dr. Tsutomu Nakatsugawa
Sep 14	Toxics and Chemical Ecology (joint)	Dr. Tsutomu Nakatsugawa
Sep 21	Field Trip to Clark Reservation (joint)	Dr. Don Leopold
Sep 28	Field Trip to Cemetery (joint)	Dr. James Gibbs

STUDENTS MEET IN BAKER 139:

Oct 05	BTC Curriculum, Internships, Faculty, etc.	Dr. Danny Fernando
Oct 12	Willow Biomass Project and Phytoremediation: Field trip to Lafayette Experimental Station*	Dr. Larry Smart
Oct 19	Tissue Culture and Genetic Improvement of Trees	Dr. Chuck Maynard
Oct 26	Tour of the Bristol Myers Squibb Company*	Dr. Danny Fernando
Nov 02	Biotechnology at SUNY-ESF	Dr. Bill Powell
Nov 09	Applications of Molecular Biology: Forensics	Mr. Michael Marciano
Nov 16	Molecular Ecology	Dr. Annette Kretzer
Nov 23	No class	Thanksgiving Break
Nov 30	The Forest Based Biorefinery	Dr. Arthur Stipanovic
Dec 07	Course Assessment	Dr. Danny Fernando

*** The vans will be waiting for the students by the Illick loading dock and will depart at exactly 5 pm. Return to the campus will be before or at 7 pm.**