

BTC 132: Orientation Seminar

Wednesday 5:00-6:00 pm, Baker 145
Fall 2010

Course Description and Objectives:

This course is designed for incoming undergraduate (freshmen and transfers) students. The students will be introduced to various campus resources, research disciplines in the field of 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 research disciplines, and develop professional skills and attitudes. This course will also serve as a forum to address issues that typically do not fit in any of the traditional courses.

Course Requirements (and their corresponding weights):

Attendance to Lectures/Tours	=	28 points
Participation during Lectures/Tours	=	15 points
Written Reports/Summary Paper	=	42 points
Introduction of Guest Speaker	=	15 points

Course Schedule and Outline:

Schedule	Activities	Speakers
Sep 01	BTC Curriculum, Internships, and the Faculty	Danny Fernando
Sep 08	Online Library Search	
Sep 15	Classroom Civility and Academic Integrity	Student Life Services
Sep 22	From Academic to Career Success	Student Life Services
Sep 29	Tour of the Brown Center for Ultrastructure	Bob Hanna
Oct 06	Engineering Biocatalysts for Plastic Production	Chris Nomura
Oct 13	Using Biotechnology to Treat Environmental Problems	Lee Newman
Oct 20	Advising and Registration	Student Life Services
Oct 27	Applications of Plant Sexual Reproduction in Biotechnology	Danny Fernando
Nov 03	Thirty Years of Tissue Culture at ESF	Chuck Maynard
Nov 10	Analytical & Tech. Services: Support for Wood-Based Biorefinery	Art Stipanovic
Nov 17	A Green Future: Challenges to Achieve Independence from Fossil Fuels	Klaus Dolle
Nov 24	Thanksgiving Break	
Dec 01	Industrial Applications of Biotechnology	Gary Scott
Dec 08	Restoration of American Chestnut Using a Biotechnology Approach	Bill Powell