

Institution: University of Wisconsin

Subject: 200 – Biochemistry

Course title: 729: Advanced Topics (007), Foundations of Biotechnology

Credits: 1

Canvas course url: <https://canvas.wisc.edu/courses/49956>

Course Designations:

Grad 50% - Counts toward 50% graduate coursework requirement

Meeting time and location: Fall Semester, Fri, 1:20 to 2:10 pm
Deluca Biochemistry1116

Instructional Mode: Blended

Credit hours are met by the course: 1 credit course, Option B

The course includes 15 lectures of 50 min. The format of the course includes Powerpoint presentations, out-of-class reading, in-class discussion, and student group presentations. Attendance is required for trainees of NIH-funded T32 Biotechnology Training Program and all other enrolled students.

It is expected students will spend a minimum of two hours working outside of class each week to study presented materials, complete assigned readings, and prepare student group presentations.

Instructor: Prof. Brian G. Fox, Chair, Department of Biochemistry; Associate Vice Chancellor of Research Policy and Integrity; Director, Biotechnology Training Program T32 GM135066-01A1.

Instructor Availability: By email or request in class for appointment

Instructor Email/Preferred Contact: bgfox@wisc.edu

Teaching Assistant: None assigned

TA Office Hours: Not available

TA Email/Preferred Contact: Not available

Course Description:

This course provides an introduction to the biotechnology industry, intellectual property, confidentiality agreements and methodologies and process whereby academic research technologies can provide the basis for biotechnological innovation.

Requisites:

Graduate or professional standing

Course Learning Outcomes:

Obtain exposure and understanding concepts on entrepreneurship and development of business plans deriving from academic basic research inventions.

Grading:

Letter grades of A, AB, B, BC, C, D and F are assigned participation in classroom discussion (70%), quality of final presentation (30%), and attendance.