

**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 Biochemistry Laboratory 175

**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.

It is expected students will spend a minimum of two hours working outside of class 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 5 T32 GM 8349.

**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 T32 Biotechnology Training Programs with 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.