

# TECH 513: Introduction to Technology Transfer — Issues and Processes

This introductory survey course is designed for both scientists as well as new or future technology transfer professionals. This course will be a hands-on experience and employ a “workshop” approach for internalizing the concepts presented. Specific topics will include: the history, legislation, and public policy that drive federal technology transfer (i.e., life before and after codification of the Bayh-Dole Act); the role of Technology Transfer Offices both in the Federal Government and in Universities; the major types of intellectual property; patents and patentability; the patent application process (i.e., reading patents and drafting claims); freedom to operate; patent litigation; infringement and invalidity; licensing of inventions; collaborative research; and, transactional agreements. Special emphasis will be placed on understanding and drafting the foundational documents of technology transfer. These documents include Non-Disclosure Agreements (“NDAs”); Material Transfer Agreements (“MTAs”); Data Transfer Agreements (“DUAs”); Licensing Agreements; and Collaborative Research and Development Agreements (“CRADAs”).

Technology Transfer Society/Washington, D.C. Chapter This course is an elective for Advanced Studies in Technology Transfer.

## Learning Objectives

- Develop a basic understanding of technology transfer and its role in the biological sciences
- Comprehend the basis and subsequent interaction of technology transfer in the overall developmental process of moving new discoveries to the marketplace
- Gain a greater appreciation of career options in technology transfer

Develop a basic understanding of technology transfer with a bias towards technology transfer in the biological sciences. Comprehend the basis and subsequent interaction of technology transfer in the overall developmental process of moving new discoveries to the marketplace. Understand the fundamental documents used in the technology transfer process.

**Credits:** 2

**Class Type:** Graduate Course

**Program:** Technology Transfer, Business, and Industry

**Availability:** Fall 2021

**Session:** Session B