

7.105 ETHICS FOR BIOLOGISTS AND ENGINEERS

APPLY ETHICAL FRAMEWORKS TO WORKING WITH LIVING SYSTEMS

Prof. L Guarente, Dr. P Hansen 6 Units, Discussion-based!

Students examine case studies related to biological research and bioengineering alongside readings by foundational ethical thinkers from Aristotle to Martin Luther King, Jr. Topics for consideration include justice, rights, research integrity and bias, human clinical trials, genetic engineering in human diseases and aging, creating human-animal hybrids, and the promise and peril of Al. Discussion-based, with the aim of introducing students to new ways of thinking.