

# TUFTS UNIVERSITY

## Biotechnology Second Major (Engineering Track)

Student:

ID#:

Core Courses (5)			
Course	Semester	Grade	Double counted?
BIO 13 or ES 11			
BIO 41			
BME 62 (262) or CHBE 62 (262)			
CHBE 161			
CHBE 166			
Laboratory Course (1)			
Course	Semester	Grade	Double counted?
CHBE 163 or 168			
BME 175 or			
BIO 50			
Elective Courses (4)			
Course	Semester	Grade	Double counted?

**Four electives from:**

- BME 185 or ChBE 185** Drug Product Formulation
- BIO 104** Immunology
- BIO 105** Molecular Biology
- BIO 106** Microbiology
- BIO 152** Biochemistry and Cellular Metabolism
- BME 143** Biological Systems Analysis
- CHBE 159** Synthetic Biology
- BIO 132** Biostatistics
- BME 165** Drug Delivery
- CHBE 160** Biochemical Engineering
- BME 153 or CHBE 164** Biomaterials and Regenerative Medicine
- BME 154** Tissue Engineering and Regenerative Medicine
- CHBE 167** Metabolic and Cellular Engineering
- CHEM 135** Biophysical Chemistry
- CHEM 171** Organic Chemistry of Living Systems: Biochemistry

*Please note:*

- All courses for the Biotechnology Second Major (Engineering Track) must be taken for a letter grade (ie. courses cannot be taken Pass/Fail).
- No more than half the courses used to fulfill the requirements for one concentration may be used to satisfy the requirements for a second major.
- Up to six SHUs of research may be counted towards electives.

**Advisor Signature:** \_\_\_\_\_

**Dept. Chair Signature:** \_\_\_\_\_

***Please return form to Student Services in Dowling Hall***