

Tufts University – School of Engineering
Class of 2022
Bachelor of Science in Environmental Engineering (BSEVE)
Degree Sheet

Student: _____

Advisor: _____

ID #: _____

Introductory Mathematics & Natural Sciences*	Term	Grade
MATH 32		
MATH 34		
MATH 42		
MATH 51		
PHY 11		
CHEM 1		
CHEM 2		
EOS 2		
ES 11 or BIO 13		

Foundation*	Term	Grade
ES 7		
ES 8		
ES 55		
ES 56 or CEE 156		
≥ 12 SHUs Technical Elective (d), list below:		

Introductory First-Year Engineering*	Term	Grade
EN 1		
ES 2		

Concentration*	Term	Grade
CEE 12		
CEE 32		
CEE 34		
CEE 36		
CEE 52		
CEE 80		
CEE 81		
CEE 187 or ES 18		
Analysis Elective (b)		
Design Elective (c)		
Design Elective (c)		

Humanity/Art/Social Science (e)	Term	Grade
ENG 1* or ENG 3 (a)		
EM 52		
H		
SS		
HASS Elect		
HASS Elect		
HASS Elect (if needed)		
HASS Elect (if needed)		
HASS Elect (if needed)		

Free Electives ≥ 4 SHUs, list courses below:	Term	Grade

Total Humanities and Social Sciences ≥ 21	
Total Engineering ≥ 45	
Total Math/Natural Science ≥ 30	
Overall Total ≥ 120	

***No Pass/Fail**

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

ABET Program Director Signature: _____

Date: _____

BSEvE - Notes

- (a) ENG 3 is appropriate for international students without experience learning in English; Pass/Fail is permitted. All other students should take ENG 1 for letter grade.
- (b) Analysis Elective
Select from: CEE 151 or CEE 152
- (c) Design Electives:
 - Public Health: CEE 133, CEE 159
 - Environmental Quality: CEE 136, CEE 143
 - Hydrology & Hydraulics: CEE 111, CEE 112
- (d) Completion of the degree requires a minimum of twelve semester hour units of Technical Electives. Technical Electives include:
 - a. Courses in SIS that are numbered below 200 with attribute value of SOE-Engineering, SOE-Mathematics, or SOE-Natural Sciences
 - b. Additionally approved courses:
 - Community Health: CH 30, CH 54, CH 56, CH 106, CH 108
 - Economics: EC 5, EC 8, EC 30
 - Engineering Management: EM 51, EM 54, EM 153, EM 155
 - Urban Planning: UEP 94, UEP 101, UEP 105, UEP 130, UEP 173, UEP 178
- (e) Humanities, Arts, and Social Sciences (HASS):
Use SIS – Must be courses with attribute value: SOE-HASS. Completion of the degree requires a minimum of twenty-one semester hour units of HASS courses. Courses selected must include one course in Humanities (H), one course in Social Science (SS), and at least two courses in the same department.

BSEvE

Guidelines for Course Selection

Fall – 1st Year

MATH 32
CHEM 1
EN 1
ENG 1

Spring – 1st Year

MATH 34
CHEM 2
PHY 11
ES 2

Fall – 2nd Year

MATH 42
ES 11 or BIO 13
EM 52
CEE 32
Technical Elective

Spring – 2nd Year

MATH 51
ES 7
ES 56 or CEE 156
CEE 52
EOS 2

Fall – 3rd Year

ES 8
ES 55
CEE 34
Technical Elective
HASS

Spring – 3rd Year

CEE 12
CEE 36
CEE 80
CEE 187 or ES 18
HASS

Fall – 4th Year

Analysis Elective
Design Elective
Technical Elective
HASS
HASS
Free Elective

Spring – 4th Year

CEE 81
Design Elective
Technical Elective
HASS
Free Elective