

**Tufts University – School of Engineering**  
**Class of 2023**  
**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		

Introductory First-Year Engineering*	Term	Grade
EN 1		
ES 2 or COMP 11		

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)		

Total Humanities, Arts & Social Sciences $\geq$ 21	
Total Engineering $\geq$ 45	
Total Math/Natural Science $\geq$ 30	
Overall Total $\geq$ 120	

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

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)		

Free Electives $\geq$ 4 SHUs, list courses below:	Term	Grade

**\*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, CEE 152 or UEP 236
  
- (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:
    - Anthropology: ANTH 24
    - 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
    - Political Science: PS194
    - Urban Planning: UEP 11, UEP 94, UEP 101, UEP 105, UEP 130, UEP 178, UEP 236, UEP 237
  
- (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 – 1<sup>st</sup> Year (14 SHU)

MATH 32  
CHEM 1  
EN 1  
ENG 1

### Spring – 1<sup>st</sup> Year (17 SHU)

MATH 34  
CHEM 2  
PHY 11  
ES 2 or COMP 11

### Fall – 2<sup>nd</sup> Year (15-17 SHU)

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

### Spring – 2<sup>nd</sup> Year (17 SHU)

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

### Fall – 3<sup>rd</sup> Year (17 SHU)\*

ES 8  
ES 55  
CEE 34  
CEE 187 or ES 18  
HASS

### Spring – 3<sup>rd</sup> Year (17 SHU)\*

CEE 12  
CEE 36  
CEE 80  
Technical Elective  
HASS

### Fall – 4<sup>th</sup> Year (17-18 SHU)\*

Analysis Elective  
Design Elective  
Technical Elective  
HASS  
HASS  
Free Elective

### Spring – 4<sup>th</sup> Year (15-16 SHU)\*

CEE 81  
Design Elective  
Technical Elective  
HASS  
Free Elective

**\*NOTE:** SHU estimates assume HASS and free electives are 3 SHUs.