

**Tufts University – School of Engineering**  
**Class of 2023**  
**Bachelor of Science in Engineering (BSE) – Program in Environmental Health**  
**Degree Sheet**

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

ID #: \_\_\_\_\_

Introductory Mathematics & Natural Sciences*	Term	Grade
MATH 32		
MATH 34		
MATH 42		
MATH 51		
BIO 13		
CHEM 1		
PHY 11		
BIO 14, CHEM 2, or PHY 12		
Nat Sci Elect (a)		

Foundation*	Term	Grade
ES 8		
CEE 32		
CEE 52		
CEE 57		
CEE 154		
CEE 156		
CEE 187		
CEE 94		

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

Track* (c) (≥ 21 SHUs), list courses below:	Term	Grade

Humanity/Art/Social Science (b)	Term	Grade
ENG 1* or 3		
EC 8 or EC 5		
EC 30		
H		
HASS Elect		
HASS Elect		
HASS Elect (if needed)		
HASS Elect (if needed)		
HASS Elect (if needed)		

Program Electives* (d) (≥ 9 SHUs), list courses below:	Term	Grade

**\*No Pass/Fail**

Total Humanities, Arts & Social Sciences ≥ 21	
Overall Total ≥ 120	

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

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

## BSE-EH - Notes

- (a) Natural Sciences Elective (NS): Use SIS to select a course numbered below 200 with attribute value of SOE-Natural Sciences. Pre-Health Professions (PHP) students are required to take BIO 14, CHEM 2, and PHY 12, and thus should use the NS elective for one of these three courses.
- (b) Humanities, Arts, and Social Sciences (HASS): Use SIS – Must be courses with attribute value: SOE-HASS. Courses selected must include one course in Humanities (H). 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. Pre-Health Professions (PHP) students are also required to take ENG 2 for letter grade.
- (c) Track Electives – at least 21 semester hour units selected in consultation with your advisor:  
Recommended tracks:

<u>Global Health</u>	<u>Health Data Analysis</u>
ANTH 10	ES 55
CEE 34	CEE 80
CEE 150	CEE 151
CEE 159	CEE 152
CH 1	COMP 11
CH 108	COMP 15
any course in Peace & Justice Studies	COMP 40
 <u>Pre-Health Professions (PHP)</u>	 <u>Risk Assessment</u>
complete BIO 14, CHEM 2 & PHY 12	ES 25
CHEM 51 and CHEM 53	CEE 39
BIO 152 or CHEM 171	CEE 153
CH 2	CEE 157
CH 106	CEE 158
	CEE 133, CEE 143, or CEE 138
	UEP 94

- (d) Program Electives – at least 9 semester hour units of coursework approved by your advisor. Each elective requires submission of a one-paragraph reasoning to your advisor for retention in the student file.

## BSE-EH

### Guidelines for Course Selection

#### Fall – 1<sup>st</sup> Year

MATH 32  
CHEM 1  
EN 1  
ENG 1

#### Spring – 1<sup>st</sup> Year

MATH 34  
PHY 11  
ES 2 or COMP 11  
EC 8 or EC 5

#### Fall – 2<sup>nd</sup> Year

MATH 42  
BIO 13  
CEE 32  
CEE 57  
EC 30

#### Spring – 2<sup>nd</sup> Year

MATH 51  
BIO 14, CHEM 2, or PHY 12  
CEE 52  
ES 8  
HASS

#### Fall – 3<sup>rd</sup> Year

NS Elective  
CEE 154  
CEE 187  
Track Elective  
HASS

#### Spring – 3<sup>rd</sup> Year

CEE 156  
Track Elective  
Track Elective  
Program Elective  
HASS

#### Fall – 4<sup>th</sup> Year

Track Elective  
Track Elective  
Program Elective  
HASS  
Free Elective

#### Spring – 4<sup>th</sup> Year

CEE 96  
Track Elective  
Track Elective  
Program Elective  
Free Elective