

**Tufts University – School of Engineering**  
**Class of 2022**  
**Bachelor of Science in Electrical Engineering (BSEE)**  
**Degree Sheet**

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

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

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

Introductory Mathematics & Natural Sciences*	Term	Grade
MATH 32		
MATH 34 or 36		
MATH 42		
MATH 51		
PHY 11		
PHY 12		
CHEM 1		
Nat Sci Elect (a)		

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

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

**\*No Pass/Fail**

Total Humanities and Social Sciences (HASS) ≥ 18	
Total Engineering (E) ≥ 45	
Total Math/Natural Science (M/NS) ≥ 30	
Overall Total ≥ 120	

Foundation*	Term	Grade
ES 3		
ES 4		
EE 23		
EE 24		
MATH 70 or 72		
COMP 11		
Found Elect (a,b,c)		
Found Elect (a,b,c)		

Concentration*	Term	Grade
<i>Required</i>		
EE 14		
EE 18		
EE 21		
EE 22		
EE 31		
EE 105		
EE 107		
<i>Concentration Electives</i>		
Conc Elect (d)		
Conc Elect (d)		
Conc Elect (d)		
Conc Elect (d,e)		
<i>Senior Design Project</i>		
EE 97		
EE 98		

Free Electives ≥ 3 SHUs	Term	Grade
Free Elect		
Free Elect (if needed)		

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

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

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

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

ABET Program Director Signature: \_\_\_\_\_

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

## **BSEE - Notes**

(a) **Natural Sciences:**

Use SIS – Must be courses with attribute value: SoE-Natural Sciences

(b) **Mathematics:**

Use SIS – Must be courses with attribute value: SoE-Mathematics

(c) ES 5, ES 7, ES 8, ES 9, ES 10, COMP 15, COMP 160

(d) Use SIS – Must be EE courses with attribute value: SoE-Engineering

(e) EM 51, (a), (b), or use SIS – Must be courses with attribute value: SoE-Engineering

(f) **Humanity/Art/Social Science (HASS):**

Use SIS – Must be courses with attribute value: SoE-HASS

Courses selected must include a minimum of one in each area of Humanities (H) and Social Sciences (SS).  
In addition, at least two HASS courses must be taken in the same department.

# BSEE

## Guidelines for Course Selection

### Fall – 1<sup>st</sup> Year

EN 1  
MATH 32  
PHY 11  
ENG 1

### Spring – 1<sup>st</sup> Year

ES 2  
MATH 34 or 36  
PHY 12  
HASS

### Fall – 2<sup>nd</sup> Year

ES 3  
MATH 70 or 72  
MATH 42  
CHEM 1  
HASS

### Spring – 2<sup>nd</sup> Year

ES 4  
EE 21  
MATH 51  
COMP 11  
Foundation Elective

### Fall – 3<sup>rd</sup> Year

EE 14  
EE 22  
EE 23  
Foundation Elective  
Free Elective

### Spring – 3<sup>rd</sup> Year

EE 18  
EE 24  
EE 31  
Natural Science Elective  
HASS

### Fall – 4<sup>th</sup> Year

EE 97  
EE 105  
EE 107  
Concentration Elective  
Concentration Elective  
HASS

### Spring – 4<sup>th</sup> Year

EE 98  
Concentration Elective  
Concentration Elective  
HASS  
Free Elective