

**Tufts University -- School of Engineering**  
**Class of 2018**  
**Bachelor of Science in Computer Engineering (BSCPE)**  
**Degree Checklist**

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

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

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

<b>Introductory Mathematics &amp; Natural Science* (8 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>M/NS</b>
MATH 32			
MATH 36			
MATH 42			
MATH 51			
PHYS 11			
PHYS 12			
CHEM 1			
Nat Sci Elect (a)			

<b>Introductory First-Year Engineering* (2 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>E</b>
ES 93			
ES 2			

<b>Humanity/Art/Social Sci (6 Credits) (g)</b>	<b>Term</b>	<b>Grade</b>
ENG 1* or 3		
H		
SS		
HASS Elect		
HASS Elect		
HASS Elect		

\* No Pass/Fail

<b>Foundation* (8 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>M/NS</b>	<b>E</b>
ES 3				
ES 4				
EE 23				
COMP 11				
COMP 15				
MATH 61				
Prob & Stats (d)				
Found Elect (a,b,c)				

<b>Concentration* (12 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>M/NS</b>	<b>E</b>
<i>Required (8 Credits)</i>				
EE 14				
EE 18				
EE 21				
EE 26				
EE 31				
EE 103				
EE 126				
EE 128				
<i>Electives (3 Credits)</i>				
Conc Elect (e)				
Conc Elect (e)				
Conc Elect (e, f)				
<i>Senior Design Project (1 Credit)</i>				
EE 97 (0.5) (Senior Project)				
EE 98 (0.5) (Senior Project)				

<b>Free Electives (2 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>M/NS</b>	<b>E</b>
Free Elect				
Free Elect				

<b>Total Engineering ( E ) Course Credits <math>\geq</math> 14.5</b>	
<b>Total Math/Natural Science (M/NS) Course Credits <math>\geq</math> 9.5</b>	

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

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

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

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

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

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

## **BSCPE – Notes**

(a) Natural Sciences:

Use iSIS – Must be courses with attribute value: SoE-Nat Sci

(b) Mathematics:

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

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

(d) MATH 161 and 162, ES 56, EE 104, EE 108, BME 141, BIO 132, PHY 153

(e) Use iSIS – Must be EE courses with attribute value: SoE-Engineering

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

(g) Humanity/Art/Social Science (HASS):

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

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

# BSCPE

## Guidelines for Course Selection

### Fall – 1<sup>st</sup> Year (4.0 Credits)

ES 93  
MATH 32  
PHY 11  
ENG

### Spring – 1<sup>st</sup> Year (4.0 Credits)

ES 2  
MATH 36  
PHY 12 or CHEM 1  
HASS

### Fall – 2<sup>nd</sup> Year (5.0 Credits)

ES 3  
Foundation Elective  
MATH 42  
PHY 12 or CHEM 1  
HASS

### Spring – 2<sup>nd</sup> Year (5.0 Credits)

ES 4  
EE 21  
MATH 51  
COMP 11  
HASS

### Fall – 3<sup>rd</sup> Year (5.0 Credits)

EE 14  
EE 23  
COMP 15  
MATH 61  
Free Elective

### Spring – 3<sup>rd</sup> Year (5.0 Credits)

EE 18  
EE 26  
EE 31  
Nat Science Elective  
HASS

### Fall – 4<sup>th</sup> Year (5.5 Credits)

EE 97 (0.5)  
EE 103  
EE 126  
EE 128  
Probability & Statistics  
Free Elective

### Spring – 4<sup>th</sup> Year (4.5 Credits)

EE 98 (0.5)  
Concentration Elective  
Concentration Elective  
Concentration Elective  
HASS