

Tufts University -- School of Engineering
Class of 2017
Bachelor of Science in Computer Engineering (BSCPE)
Degree Checklist

Student: _____

Advisor: _____

ID #: _____

Introductory Mathematics & Natural Science* (8 Credits)	Term	Grade	M/NS
MATH 32			
MATH 36			
MATH 42			
MATH 51			
PHYS 11			
PHYS 12			
CHEM 1 or 16			
Nat Sci Elect (a)			

Introductory First-Year Engineering* (2 Credits)	Term	Grade	E
ES 93			
ES 2			

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

* No Pass/Fail

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

Concentration* (12 Credits)	Term	Grade	M/NS	E
<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)				

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

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

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 – 1st Year (4.0 Credits)

ES 93
MATH 32
PHY 11
ENG

Spring – 1st Year (4.0 Credits)

ES 2
MATH 36
PHY 12 or CHEM 1
HASS

Fall – 2nd Year (5.0 Credits)

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

Spring – 2nd Year (5.0 Credits)

ES 4
EE 21
MATH 51
COMP 11
HASS

Fall – 3rd Year (5.0 Credits)

EE 14
EE 23
COMP 15
MATH 61
Free Elective

Spring – 3rd Year (5.0 Credits)

EE 18
EE 26
EE 31
Nat Science Elective
HASS

Fall – 4th Year (5.5 Credits)

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

Spring – 4th Year (4.5 Credits)

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