Tufts University -- School of Engineering

Class of 2017

Bachelor of Science in Electrical Engineering (BSEE)

Degree Checklist

Student:_____ Advisor:_____

ID #:_____

Introductory Mathematics & Natural Sciences* (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				
Prob & Stats (d)				
Found Elect (a,b,c)				
Found Elect (a,b,c)				
Found Elect (a,b,c)				

Concentration* (12 Credits)	Term	Grade	M/NS	E
Required (7 Credits)				
EE 14				
EE 18				
EE 21				
EE 22				
EE 31				
EE 105				
EE 107				
Electives (4 Credits)				
Conc Elect (e)				
Conc Elect (e)				
Conc Elect (e)				
Conc Elect (e, f)				
Senior Design Project (1 Credit)				
EE 97 (0.5)				
EE 98 (0.5)				

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

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

Student Signature:_____ Date:_____

Advisor Signature:_____ Date:_____

ABET Program Director Signature:_____ Date:_____

BSEE – Notes

(a) Natural Science:
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 15, 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.

Matriculation Date: September 2013

BSEE

Guidelines for Course Selection

Fall – 1st Year (4.0 Credits)

ES 93
MATH 32
PHY 11
ENG 1

Spring – 1st Year (4.0 Credits)

ES 2
MATH 36
PHY 12
HASS

Fall – 2nd Year (5.0 Credits)

ES 3
Foundation Elective
MATH 42
CHEM 1
HASS

Spring – 2nd Year (5.0 Credits)

ES 4
EE 21
MATH 51
COMP 11
Foundation Elective

Fall – 3rd Year (5.0 Credits)

EE 14
EE 22
EE 23
Probability & Statistics
Free Elective

Spring – 3rd Year (5.0 Credits)

EE 18
EE 31
Nat Science Elective
Foundation Elective
HASS

Fall – 4th Year (5.5 Credits)

EE 97 (0.5)
EE 105
EE 107
Concentration Elective
Concentration Elective
HASS

Spring – 4th Year (4.5 Credits)

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

Matriculation Date: September 2013