

Tufts University -- School of Engineering
Class of 2019
Bachelor of Science in Environmental Engineering (BSEVE)
Degree Checklist

Student: _____

Advisor: _____

ID #: _____

Introductory Mathematics & Natural Science* (8 Credits)	Term	Grade	M/NS
MATH 32			1
MATH 36			1
MATH 42			1
MATH 51			1
PHYS 11			1
CHEM 1			1
CHEM 2			1
EOS 2			1

Introductory First-Year Engineering* (2 Credits)	Term	Grade	E
ES 93			1
ES 2			1

Humanity/Art/Social Sci (6 Credits) (f)	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 5				1
ES 8				1
BIO 13 or ES 11			1	
EM 52				
ES 56			1	
CHEM 31 or ES 7				
CEE 187 or ES 18				1
Found Elect (a,b,c)				

Concentration* (12 Credits)	Term	Grade	M/NS	E
<i>Required (5 Credits)</i>				
ES 27				1
CEE 12				1
CEE 30				1
CEE 32				1
CEE 132				1
<i>Concentration Electives (4 Credits)</i>				
Conc Elect (a,b,d)				
Conc Elect (a,b,d)				
Conc Elect (d,e)				1
Conc Elect (d,e)				1
<i>Design (3 Credits)</i>				
Design Elect (e)				1
Design Elect (e)				1
CEE 81 Senior Capstone Design				1

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: _____

BSEVE – Notes

(a) Natural Science:

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

(b) Mathematics:

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

(c) EM 51, ES 3, ES 4, ES 7, ES 9, ES 18, ES 25, ES 53, CEE 187

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

(e) CEE 112, CEE 133, CEE 136, CEE 143

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

Use SIS – 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.

BSEVE

Guidelines for Course Selection

Fall – 1st Year (4.0 Credits)

ES 93
Math 32
Chem 1
English 1

Spring – 1st Year (4.0 Credits)

ES 2
Math 36
Chem 2
Phy 11

Fall – 2nd Year (5.0 Credits)

ES 5
Math 42
Chem 31¹
Bio 13 (or ES 11)
HASS

Spring – 2nd Year (5.0 Credits)

EOS 2
Math 51
ES 27
CEE 32
EM 52¹

Fall – 3rd Year (5.0 Credits)

ES 8
CEE 30
ES 56
CEE 187 (or ES 18)
HASS

Spring – 3rd Year (5.0 Credits)

CEE 12
CEE 132
Concentration Elective
Foundation Elective
HASS

Fall – 4th Year (5.0 Credits)

Design Elective
Concentration Elective
Concentration Elective
Free Elective
HASS

Spring – 4th Year (5.0 Credits)

CEE 81
Design Elective
Concentration Elective
Free Elective
HASS

¹ ES7 may be substituted for Chem 31, but is only offered in Spring semester, therefore switch with EM 52 which is offered in both Fall and Spring semesters.