

**Tufts University -- School of Engineering**  
**Class of 2017**  
**Bachelor of Science in Environmental Engineering (BSEVE)**  
**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			1
MATH 36			1
MATH 42			1
MATH 51			1
PHYS 11			1
CHEM 1 or 16			1
CHEM 2			1
EOS 2			1

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

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

* No Pass/Fail
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<b>Foundation* (8 Credits)</b>	<b>Term</b>	<b>Grade</b>	<b>M/NS</b>	<b>E</b>
ES 5				1
ES 8				1
BIO 13 or ES 11			1	
EM 52				
ES 56			1	
CHEM 31			1	
Found Elect (a,b,c)				
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 (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 (d,e)				1
Conc Elect (d,e)				1
Conc Elect (d)				1
<i>Design (3 Credits)</i>				
Design Elect (e)				1
Design Elect (e)				1
CEE 81 Senior Capstone Design				1

<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 ≥ 14.5</b>	
<b>Total Math/Natural Science (M/NS) Course Credits ≥ 9.5</b>	

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

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

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

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

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

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

## **BSEVE – 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) EM 51, ES 3, ES 4, ES 7, ES 9, ES 25, ES 53, ES 18, CEE 187

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

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

(f) 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.

# BSEVE

## Guidelines for Course Selection

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

ES 93  
Math 32  
Chem 1  
English 1

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

ES 2  
Math 36  
Chem 2  
Phy 11

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

ES 5  
Math 42  
Chem 31  
Bio 13 or ES 11  
HASS

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

EOS 2  
Math 51  
ES 27  
CEE 32  
EM 52

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

ES 8  
CEE 30  
ES 56  
HASS  
Foundation Elective

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

CEE 12  
CEE 132  
Concentration Elective  
Foundation Elective  
HASS

### Fall – 4<sup>th</sup> Year (5.0 Credits)

Design Elective  
Concentration Elective  
Concentration Elective  
HASS  
Free Elective

### Spring – 4<sup>th</sup> Year (5.0 Credits)

CEE 81  
Design Elective  
Concentration Elective  
HASS  
Free Elective