

Tufts University – School of Engineering
Class of 2021
Bachelor of Science in Civil Engineering (BSCE)
Degree Sheet

Student: _____

Advisor: _____

ID #: _____

Introductory Mathematics & Natural Sciences*	Term	Grade	M/NS
MATH 32			
MATH 34 or 36			
MATH 42			
MATH 51			
PHY 11			
CHEM 1			
PHY 12 or CHEM 2			
Nat Sci Elect (a)			

Introductory First-Year Engineering*	Term	Grade	E
EN 1			
ES 2			

Humanity/Art/Social Science (f)	Term	Grade
ENG 1* or 3		
H		
SS		
HASS Elect		
HASS Elect		
HASS Elect		

***No Pass/Fail**

Total Humanities and Social Sciences (HASS):	
Total Engineering (E):	
Total Math/Natural Science (M/NS):	
Overall Total Credits:	

Refer to the Bulletin for minimum credit requirements.

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

ABET Program Director Signature: _____

Date: _____

Foundation*	Term	Grade	M/NS	E
ES 5				
ES 8				
ES 9				
ES 18				
ES 55				
ES 56				
EM 51				
Found Elect (a,b,c)				

Concentration*	Term	Grade	M/NS	E
<i>Required</i>				
CEE 1				
CEE 12				
CEE 22				
CEE 32				
CEE 42				
<i>Concentration Electives</i>				
Conc Elect (a,b,d,e)				
Conc Elect (a,b,d,e)				
Conc Elect (d,e)				
<i>Design</i>				
Design Elect (e)				
Design Elect (e)				
Design Elect (e)				
CEE 81 Senior				
Capstone Design				

Free Electives	Term	Grade	M/NS	E
Free Elect				
Free Elect				

BSCE - Notes

- (a) Natural Sciences:
Use SIS – Must be courses with attribute value: SoE-Natural Sciences
And must include at least one course in EOS or BIO
- (b) Mathematics:
Use SIS – Must be courses with attribute value: SoE-Mathematics
- (c) EM 52, ES 3, ES 4, ES 7, ES 25, ES 53, CEE 52, CEE 187
- (d) Use SIS – Must be courses numbered below 200 with attribute value: SoE-Engineering
- (e) Design Electives: Select at least 3 courses from 2 different sub-disciplines below.
1. Environmental Engineering:
 - CEE 133
 - CEE 136
 - CEE 143
 2. Geotechnical Engineering:
 - CEE 146
 - CEE 149
 3. Structural Engineering:
 - CEE 24
 - CEE 25
 - CEE 129
 4. Water Resources Engineering:
 - CEE 112
 - CEE 131
- (f) Humanity/Art/Social Science (HASS):
Use SIS – Must be courses with attribute: SoE-HASS

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

BSCE

Guidelines for Course Selection

Fall – 1st Year

EN 1
MATH 32
PHY 11
ENG 1

Spring – 1st Year

ES 2
MATH 34 or MATH 36
CHEM 1
Natural Science Elective

Fall – 2nd Year

ES 5
ES 18
MATH 42
PHY 12 or CHEM 2
HASS

Spring – 2nd Year

ES 9
CEE 1
CEE 32
MATH 51
HASS

Fall – 3rd Year

ES 8
ES 55
CEE 22
CEE 42
HASS

Spring – 3rd Year

ES 56
CEE 12
Foundation Elective
Design Elective
HASS

Fall – 4th Year

EM 51
Design Elective
Concentration Elective
Concentration Elective
Free Elective

Spring – 4th Year

CEE 81
Design Elective
Concentration Elect
Free Elective
HASS