

Tufts University – School of Engineering
Class of 2022
Bachelor of Science in Mechanical Engineering (BSME)
Degree Sheet

Student: _____

Advisor: _____

ID #: _____

Introductory Mathematics & Natural Sciences*	Term	Grade
MATH 32		
MATH 34 or 36		
MATH 42		
MATH 51		
PHY 11		
CHEM 1		
PHY 12 or CHEM 2 or ES 11 or BIO 13		
Nat Sci or Math Elect (a,b)		

Foundation*	Term	Grade
ES 3		
ES 5		
ES 7		
ES 8		
ES 9		
Found Elect (a,b,c)		
Found Elect (a,b,c)		
Prob, Stats, or Num (d)		

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

Concentration*	Term	Grade
<i>Required</i>		
ME 1		
ME 16		
ME 18		
ME 25		
ME 37		
ME 80		
<i>Concentration Electives</i>		
Conc Elect (e)		
Conc Elect (e)		
Conc Elect (e,f)		
Conc Elect (e,g)		
<i>Design</i>		
ME 42		
ME 43 Senior Design Project		

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

***No Pass/Fail**

Total Humanities, Arts & Social Sciences \geq 18	
Total Engineering \geq 45	
Total Math/Natural Science \geq 30	
Overall Total Credits \geq 120	

Free Electives	Term	Grade
Free Elective		
Free Elective		

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

ABET Program Director Signature: _____

Date: _____

BSME - Notes

- (a) Natural Science:
Use SIS – Must be courses with attribute value: SoE-Natural Sciences

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

- (c) Engineering:
Use SIS – Must be courses with attribute value: SoE-Engineering
Or, any EM course

- (d) Probability, Statistics, or Numerical Methods:
EE 24, ES 55, ES 56, ES 101, MATH 161, MATH 162, ME 108

- (e) Any ME course except 94, 96, 99

- (f) ME 94

- (g) ME 96

- (h) Humanity/Art/Social Science (HASS):
Use SIS – Must be courses with attribute: SoE-HASS

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

BSME

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
HASS

Fall – 2nd Year

ES 3/ES 7
ES 5
MATH 42
PHY 12 or CHEM 2
HASS

Spring – 2nd Year

ES 3/ES 7
ES 9
ME 1
MATH 51
Foundation Elective

Fall – 3rd Year

ES 8
ME 25
ME 37
ME 42
Natural Science Elective

Spring – 3rd Year

ME 16
ME 18
ME 80
Prob, Stats, or Num
HASS

Fall – 4th Year

ME 43
Concentration Elective
Foundation Elective
HASS
Free Elective

Spring – 4th Year

Concentration Elective
Concentration Elective
Concentration Elective
HASS
Free Elective