

Tufts University – School of Engineering
Class of 2023
Bachelor of Science in Computer Science (BSCS)
Degree Sheet

Student: _____

Advisor: _____

ID #: _____

Introductory*	Term	Grade
EN 1		
Elect (a)		
MATH 32		
MATH 34 or 39		
MATH 42 or 44		
MATH/COMP 61		
Elect (b)		
Elect (b)		
MATH 70 or 72		
Elect (c)		

Foundation*	Term	Grade
COMP 11		
COMP 15		
ES 3		
ES 4		
Prob & Stats (f)		

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

Concentration*	Term	Grade
<i>Required</i>		
COMP 40		
COMP 105 or 80		
COMP 160		
COMP 170		
<i>Electives</i>		
COMP Elect (g)		
COMP Elect (g)		
COMP Elect (h)		
COMP Elect (g,i,j)		
COMP Elect (g,i,k)		
<i>Senior Design Project</i>		
COMP 97		
COMP 98		

Breadth (e) ≥ 12 SHUs	Term	Grade
Ethics & Social Context: PHIL 24 or EM 54		
Breadth Elect		
Breadth Elect		
Breadth Elect		

Free Elective ≥ 3 SHUs	Term	Grade
Free Elect		
Free Elect (if needed)		

Total Humanities, Arts & Social Sciences ≥ 18	
Total Math/Natural Science ≥ 30	
Overall Total ≥ 120	

***No Pass/Fail**

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

ABET Program Director Signature: _____

Date: _____

BSCS - Notes

- (a) ES 2 or course with attribute value SoE-engineering
- (b) PHY 11, CHEM 1 or 16, or BIO 13
- (c) Natural Sciences or Mathematics
Use SIS – Must be courses with attribute value: SoE-Natural Sciences or SoE-Mathematics
- (d) Humanities/Arts/Social Sciences (HASS):
Use SIS – Must be courses with attribute value: SoE-HASS-Arts, SoE-HASS-Humanities, SoE-HASS-Social Science

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.

- (e) Breadth Electives:
The three Breadth electives may be chosen from:
 - Humanities, Social Sciences, and Arts courses as described above
 - BME 50: Introduction to Biomedical Engineering
 - CEE 1: Introduction to Civil Engineering & Environmental Engineering
 - CEE 32: Environmental Engineering Principles
 - At most one of ME 10, 20, 30, 40, 50
 - Any course in Engineering Psychology (ENP), Entrepreneurial Leadership (ELS), Engineering Management (EM)
 - Maximum of two computer science internships
 - Maximum of one course from the Experimental College (EXP)
 - Maximum of one course from Physical Education (PE)
- (f) One of MATH 166, ES 56, EE 24, EE 104, BME 141, BIO 132, PHY 153.
- (g) Computer Science numbered between 100 and 189, excluding Comp 53, 55, 153, 154 and 155.
- (h) Comp 27, 55, 116, 120 or 155, for a total of at least 2 credit hours.
- (i) Computer Science numbered between 16 and 89, excluding Comp 53 and 55.
- (j) COMP 93, 94, 191, 193, 194 or 197.
- (k) MATH 51, 63, 70, 72, 87, 125, 126, 133, 135, 136, 145, 146, 155, 156, 165 or 166

BSCS

Guidelines for Course Selection

Fall – 1st Year

EN 1
MATH 32
PHY 11
ENG 1

Spring – 1st Year

ES 2 or Elective
MATH 34 or 39
CHEM 1
HASS

Fall – 2nd Year

COMP 11
MATH 42 or 44
Natural Science or MATH Elective
ES 3
HASS

Spring – 2nd Year

COMP 15
MATH 61
ES 4
MATH 70 or 72
HASS

Fall – 3rd Year

COMP 40
COMP Elective
Breadth
Free Elective
HASS

Spring – 3rd Year

COMP 160
COMP Elective
Breadth
Free Elective
HASS

Fall – 4th Year

COMP 97
COMP 105
COMP Elective
Probability & Statistics
Breadth

Spring – 4th Year

COMP 98
COMP 170
COMP Elective
COMP Elective
Breadth