

Tufts University – School of Engineering
Class of 2022
Bachelor of Science in Computer Science (BSCS)
Degree Sheet

Student: _____

Advisor: _____

ID #: _____

Introductory*	Term	Grade
EN 1		
ES 2		
MATH 32		
MATH 34 or 39		
MATH 42 or 44		
MATH/COMP 61		
PHYS 11		
CHEM 1		
Nat Sci Elect (a)		
Nat Sci Elect (a)		

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

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

***No Pass/Fail**

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

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

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

Total Humanities and Social Sciences ≥ 18	
Total Math/Natural Science ≥ 30	
Overall Total ≥ 120	

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

ABET Program Director Signature: _____

Date: _____

BSCS - Notes

(a) **Natural Sciences:**

Use SIS – Must be courses with attribute value: SoE-Natural Sciences.

(b) **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.

(c) **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
- ME 1: Introduction to Mechanical Engineering
- 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)

(d) MATH 162, ES 56, EE 24, EE 104, BME 141, BIO 132, PHY 153.

(e) Computer Science numbered between 100 and 189, excluding Comp 53, 55, 153, 154 and 155.

(f) Comp 55, 116, 120 or 155.

(g) Computer Science numbered between 16 and 89, excluding Comp 53 and 55.

(h) COMP 93, 94, 191, 193, 194 or 197.

(i) MATH 51, 63, 70, 72, 87, 135, 136, 145, 146, 151, 152, 158, 161, or 162.

BSCS

Guidelines for Course Selection

Fall – 1st Year

EN 1
MATH 32
PHY 11
ENG 1

Spring – 1st Year

ES 2
MATH 34 or 39
PHY 12 or CHEM 1
HASS

Fall – 2nd Year

COMP 11
MATH 42 or 44
PHY 12 or CHEM 1
ES 3
HASS

Spring – 2nd Year

COMP 15
MATH 61
ES 4
Natural Science Elective
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