

Sheehan, Ryan W
 Tufts University
COMPUTER SCIENCE MAJOR (BSCS)

Prepared On	11/24/2020 05:03 PM	Program Code	COMP-BSCS	Catalog Year	Fall 2017
Student ID	1238518				

☒ **Open All Sections**☐ **Close All Sections****ALL REQUIREMENTS COMPLETED --- IN-PROGRESS COURSES USED****--- ENGINEERING-GENERAL REQUIREMENTS - 120 credits req.**

- 1) ***COURSES CURRENTLY LISTED AS IP ASSUME STANDARD GRADING WITH AN ANTICIPATED MINIMUM OF C- UNTIL GRADED. IF BEING TAKEN P/F, PLEASE CONFIRM THAT P/F GRADING IS AN ACCEPTABLE OPTION FOR THE REQUIREMENT. NOTE THAT INTERNSHIPS ARE OFTEN PASS/FAIL.
- 2) --- Minimum of 120 credits required.
- | | | |
|---------------------|------------------|-----------------|
| 121.0 CREDITS ADDED | 33 COURSES TAKEN | 3.28 GPA |
| IN-P ---> | 19.0 CREDITS | 6 COURSES TAKEN |
- 3) --- Quality Requirement/C- Grading
C- or better required in 67% of courses
- 100.0 %
- 4) --- 30 credits of SoE-Math/Nat Sci required
(48.0 CREDITS TAKEN)
- 5) ✓ 18 credits of SoE-Hum/Arts/Soc Sci required
(31.0 CREDITS TAKEN)

- **Use of Prematriculation/Summer School semester(s) does not advance class standing. Earned includes all full-time semesters as well as in-progress semester(s). Students who attended full-time during the fall 2020 semester need only complete six full-time semesters of enrollment - this waiver will not be reflected in the residency requirement below.**

RESIDENCY: EIGHT FULL-TIME SEMESTERS OF ENROLLMENT

IP EARNED:	8 SUBREQUIREMENTS
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- 1) ✓ Prematriculation/Tufts Summer School-full/time semester
- | | | |
|--------------------|-----------------|--|
| 20.0 CREDITS ADDED | 5 COURSES TAKEN | |
|--------------------|-----------------|--|
- 2) ✓ Full-time Tufts semester FA2017
- | | | |
|-----------------------|-----------------|----------|
| (16.0 CREDITS TAKEN) | 4 COURSES TAKEN | 3.50 GPA |
|-----------------------|-----------------|----------|

✓	Full-time Tufts semester SP2018			
3)	(18.0 CREDITS TAKEN)	5 COURSES TAKEN	3.52 GPA	
✓	Full-time Tufts semester FA2018			
4)	(18.0 CREDITS TAKEN)	5 COURSES TAKEN	3.65 GPA	
✓	Full-time Tufts semester SP2019			
5)	(19.0 CREDITS TAKEN)	5 COURSES TAKEN	3.19 GPA	
✓	Full-time Tufts semester FA2019			
6)	(16.0 CREDITS TAKEN)	4 COURSES TAKEN	2.54 GPA	
✓	Full-time Tufts semester SP2020			
7)	(14.0 CREDITS TAKEN)	4 COURSES TAKEN		
...	Full-time Tufts semester FA2020			
8)	(0.0 CREDITS TAKEN)	0 COURSES TAKEN		
	IN-P --->	12.0 CREDITS	4 COURSES TAKEN	
	Full-time Tufts semester SP2021			
9)	(0.0 CREDITS TAKEN)	0 COURSES TAKEN		
	IN-P --->	7.0 CREDITS	2 COURSES TAKEN	
	NEEDS: 5.0 CREDITS			

******PLEASE NOTE******

**A SINGLE COURSE CAN ONLY BE APPLIED ONCE TOWARDS THE INTRO-
DUCTORY, HASS, FOUNDATION, CONCENTRATION, BREADTH, AND
FREE ELECTIVE REQUIREMENTS.**

... **Introductory First-Year Engineering
Fall 2016 thru Summer 2019**

...	Two courses required. EN 1 or ES 93, and ES 2.			
1)	Students exempt from ES 2 by passing a placement exam must submit a petition for a substitute course.			
	NOTE: CS - R: ES 2 / A: ES 25			
		1 COURSE TAKEN		
	IN-P --->		1 COURSE TAKEN	
	FA17 EN 0001-04	4.0 A	Applications in Engineering/I	
	FA20 ES 0025-01	3.0 IP	Environment & Technology	

... **BSCS - INTRODUCTORY MATHEMATICS & NATURAL SCIENCES
Fall 2015 thru Summer 2018**

✓	Complete the following required courses.			
1)		7 COURSES TAKEN		

FA17	MATH0032	4.0	AP	Calculus I
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FA17	MATH0034	4.0	AP	Calculus II
FA17	MATH0042-02	4.0	C+	Calculus III
SP18	COMP0061-03	4.0	A	Discrete Mathematics
				>>MATCHED AS: MATH0061
SP19	PHY 0011-01	5.0	B-	General Physics I W/lab
FA17	CHEM0001	4.0	AP	Chem Fundamentals W/lab
FA17	CHEM0002	4.0	AP	Chem Principles W/lab

... Complete one natural science elective (a)

2)	FA20	EOS 0051-01	3.0	IP	Global Climate Change
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✓ HUMANITY/ART/SOCIAL SCIENCE - 18 credits required.

EARNED: 18.0 CREDITS

✓ Two HASS courses must be from the same department

1)	FA17	ENG 0001-40	4.0	A-	Expository Writing
	SP20	ENG 0005-08	3.0	EP	Creative Writing: Fiction

✓ ENG 01 required.

2)	FA17	ENG 0001-40	4.0	A-	Expository Writing
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SELECT FROM: ENG 01/2

✓ One SoE-Humanity requirement.

3)	SP20	ENG 0005-08	3.0	EP	Creative Writing: Fiction
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✓ One SoE-Social Science requirement.

4)	SP18	PSY 0001-01	4.0	B-	Intro To Psychology
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SoE-HASS electives.(SoE-Hum/Arts/Soc Sci)

5)	FA18	FMS 0030-02	3.0	A	Film and Media Production I/B
	FA18	GRAM0039-01	4.0	A+	Graphic Design

✓ BREADTH - 12 credits required.

EARNED: 13.0 CREDITS

✓ One Ethics & Social Context course

1)		4.0 CREDITS ADDED			
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SP19	PHIL0024-01	4.0	A-	Intro To Ethics
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✓ Three Breadth electives. Humanities, Social Sciences, and Arts or any courses from the following list:

2)		9.0 CREDITS ADDED			
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SP18	EXP 0057-PS	4.0	P	Experimental College/Explorin
SP18	SCPM0098-01	2.0	A+	Medium of Fashion
FA18	BME 0061-01	3.0	A	Intro Human Factors&ergo
				>>MATCHED AS: ENP 0061

... COMPUTER SCIENCE FOUNDATION REQUIREMENTS

Fall 2017 thru Summer 2019

✓ Required CS foundation courses.

1)

4 COURSES TAKEN

FA17	COMP0011-02	4.0	A	Intro Computer Science
SP18	COMP0015-02	4.0	A-	Data Structures
FA19	ES 0003-01	5.0	C-	Intro Elec Systems W/lab
SP20	ES 0004-EE1	4.0	EP	Intro Digit Elect W/lab

... One Probability & Statistics course (d).

2)

0 COURSES TAKEN

IN-P --->

1 COURSE TAKEN

SP21	ES 0056-01	4.0	IP	Probability & Stats
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SELECT FROM: [MATH0166](#) [EE 0024,0104](#) [BME 0141](#) [BIO 0132](#) [PHY 0153](#)

... COMPUTER SCIENCE CONCENTRATION REQUIREMENTS

Fall 2016 thru Summer 2018

... Required concentration courses.

1)

3 COURSES TAKEN

IN-P --->

1 COURSE TAKEN

FA18	COMP0040-01	5.0	B+	Mach Struc & Programming
FA19	COMP0105-01	5.0	B-	Programming Languages
SP20	COMP0160-01	4.0	EP	Algorithms
FA20	COMP0170-01	3.0	IP	Computation Theory

✓ Three concentration electives (e).

2)

SP19	COMP0131-01	3.0	B-	Artificial Intelligence
FA19	COMP0116-01	3.0	B-	Computer System Security
FA19	COMP0150-06	3.0	A-	Special Topics/Reinforcement

✓ One concentration elective (e,f,g).

3)

FA18	COMP0086-01	3.0	B	Oop Graphical User Inter
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✓ One concentration elective (e,f,h).

4)

SP19	COMP0050-02	3.0	B+	Special Topics/Cybersecurity
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... Senior Design Project

5)

FA20	COMP0097-01	3.0	IP	Sr Capstone Project I
SP21	COMP0098-01	3.0	IP	Sr Capstone Project II

✓ **FREE ELECTIVE**

✓ Three elective credits required.

FA17	COMP0010	4.0	AP	Various Topics Comp Sci
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ELECTIVES

SP19	LING0003-01	4.0	A-	Language & Mind
SP20	COMP0023-1	3.0	EP	Game Design

Student Signature: Ryan Sheehan Date: 11/24/20
Advisor Signature: [Signature] Date: 11/25/20
ABET Program Director: [Signature] Date: 11/25/2020
(if applicable)

REGISTRAR'S OFFICE USE ONLY:

Certified for Degree by: _____ Date: _____
Major: _____
Honors Awarded: None _____ Cum _____ Magna _____ Summa _____
Thesis Honors:
No Honors _____ Honors _____ High Thesis _____ Highest Thesis _____

Certified for Degree by: _____ Date: _____
Second Major: _____

Second Major: _____

Minor: _____ Certified: _____
Minor: _____ Certified: _____

***** END OF ANALYSIS *****

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