Clemson University

Student name	Howe, Philip McCarthy	**Degree progress**	
Student ID	C17970251	Overall GPA	
Degree	Bachelor of Science	**3.73**	
Audit date	11/08/2023 10:25 AM		

Level Undergraduate **Classification** Sophomore **Major** Computer Science **Program** BS Computer Science **College** Engr, Computing & Applied Sci **Academic Standing** GS **Advisor** Russell Denney **Student ID** C17970251

Bachelor of Science Degree   INCOMPLETE

Credits required: 122   Credits applied: 61   Catalog year: 2022-2023

○ MINIMUM CREDITS REQUIRED FOR THIS DEGREE

Still needed: A minimum of 122 credits is required. You currently have 61 credits applied (includes In-progress courses).

⊘ SC REACH ACT REQUIREMENT

⊘ 2.0 GPA REQUIREMENT

○ MAJOR REQUIREMENTS

Still needed: See **Major in Computer Science - BS** section

At least 37 of the last 43 credits presented toward the degree must be completed through instruction from Clemson.

Blocks included in this block
SC REACH ACT REQUIREMENT
Major in Computer Science - BS

SC REACH ACT REQUIREMENT   COMPLETE

SC REACH ACT Graduation Requirement - To comply with the South Carolina REACH Act, all undergraduate students who enter the university during summer 2021 or afterward must pass one course that has been approved as meeting the South Carolina REACH Act requirement. Successful completion of coursework in compliance with the REACH Act is required for graduation. ****NOTE: Students may request that a course taken at another institution be evaluated to determine if it satisfies the South Carolina REACH Act requirement.

⊘ SC REACH ACT - Student has AP, IB, or dual enrollment credit for this requirement.

Major in Computer Science - BS   INCOMPLETE

Catalog year: 2022-2023

A candidate for the BS degree in Computer Science must have a C or better in each CPSC class. NOTES: Social Science courses must be selected from two different fields. AGRB and ECON are considered the same field.

	Course	Title	Grade	Credits	Term
⊘ GENERAL EDUCATION - Mathematics - MATH 1060 (4 Cr)	MATH 1060	Calculus of One Variable I	A	4	Fall 2022
⊘ Calculus of One Variable II (4 Cr)	MATH 1080	Calculus of One Variable II	B	4	Spring 2023

○ Intro Business Stats or Statistical Methods II or Stats for Science & Engr (3 Cr)

Still needed: **1** Class in **STAT** 3090 ☑ or 3300 ☑ or **MATH** 3020 ☑

○ Linear Algebra (3 Cr)

Still needed: **1** Class in **MATH** 3110 ☑

⊘ INTRODUCTION TO COMPUTING REQUIREMENT (7-8 Cr)

⊘ Computer Science I & II	CPSC 1010	Computer Science I	A	4	Fall 2022
	CPSC 1020	Computer Science II	A	4	Spring 2023

◐ Discrete Structures for Computing (3 Cr)	CPSC 2070	Discrete Structures	IP	(3)	Fall 2023

◐ Algorithms and Data Structures (4 Cr)	CPSC 2120	Algs/Data Structures	IP	(4)	Fall 2023

○ Software Development Foundations (3 Cr)

Still needed: **1** Class in **CPSC** 2150 ☑ Grade >= C

◐ Introduction to Computer Organization (4 Cr)	CPSC 2310	Intro Computer Org	IP	(4)	Fall 2023

○ Computing, Ethics and Global Society (3 Cr)

Still needed: **1** Class in **CPSC** 2920 ☑ Grade >= C or 2920 ☑ Grade = TR

○ Introduction to Software Engineering (3 Cr)

Still needed: **1** Class in **CPSC** 3720 ☑ Grade >= C

○ THEORY REQUIREMENT (3 Cr)

Still needed: **3** Credits in **CPSC** 3120 ☑ Grade >= C or 3500 ☑ Grade >= C

○ Programming Systems (3 Cr)

Still needed: **1** Class in **CPSC** 3520 ☑ Grade >= C or **ECE** 3520 ☑ Grade >= C

○ COMPUTER SCIENCE TECHNICAL REQUIREMENT (3 Cr)

Still needed: Choose from 1 of the following:

No more than six credits for CPSC 4820 and no more than three credits of CPSC 3990 or 4810 may be applied toward the Computer Science technical requirement

○ CPSC 3000-4000 Level Courses

3 Credits in **CPSC** 3000:4999

○ Approved 3000-4000 Level Computer Courses

3 Credits in **ECE** 3000:4999 or **MATH** 3650 ☑ or 4000:4999 Except **MATH** 4190 ☑

○ Computer Systems Requirement (3 Cr)

Still needed: **1** Class in **CPSC** 3220 ☑ Grade >= C or 3600 ☑ Grade >= C

○ COMPUTER SCIENCE PATH REQUIREMENT (6 Cr)

Still needed: Choose from 1 of the following:

○ Advanced Systems

2 Classes in **CPSC** 3220 ☑ Grade >= C or 3600 ☑ Grade >= C or 4440 ☑ Grade >= C or 4720 ☑ Grade >= C or 4770 ☑ Grade >= C

○ Interactive Systems

2 Classes in **CPSC** 3750 ☑ Grade >= C or 4110 ☑ Grade >= C or 4140 ☑ Grade >= C or 4150 ☑ Grade >= C or 4160 ☑ Grade >= C

○ Computer Security Requirement (3 Cr)

Still needed: **1** Class in **CPSC** 4180 ☑ Grade >= C or 4200 ☑ Grade >= C or 4240 ☑ Grade >= C

○ Seminar in Professional Issues II (3 Cr)

Still needed: **1** Class in **CPSC** 4910 ☑ Grade >= C

○ Information Management Requirement (3 Cr)

Still needed: **1** Class in **CPSC** 4300 ☑ Grade >= C or 4620 ☑ Grade >= C

○ DEPARTMENTAL NATURAL SCIENCE REQUIREMENT (6 Cr)	CH 1010	General Chemistry	B	4	Fall 2022

| | Still needed: | 2 Credits in **BIOL** 1000:4999 or **BCHM** 1000:4999 or **CH** 1000:4999 or **ENSP** 2000 ☑ or **GEN** 1000:4999 or **GEOL** 1000:4999 or **MICR** 1000:4999 or **PHYS** 1000:4999 | | | |

⊘ GENERAL EDUCATION - English Composition - ENGL 1030 (3 Cr)	ENGL 1030	Composition and Rhetoric	A	3	Fall 2022
◑ GENERAL EDUCATION - Arts and Humanities (Non-Literature) (3 Cr)	STS 1010	Survey Sci & Techn in Society	IP	(3)	Fall 2023
○ GENERAL EDUCATION - Natural Science with Lab AND a same sequence of Physical or Biological Science (8 Cr)	Still needed:	Choose from 1 of the following:			
○ General Biology I and II with Laboratories		4 Classes in **BIOL** 1030 and 1050 ☑ and 1040 ☑ and 1060 ☑			
○ Principles of Biology I and II		2 Classes in **BIOL** 1100 and 1110 ☑			
○ General Chemistry I and II		2 Classes in **CH** 1010 and 1020 ☑			
○ Physical Geology with Laboratory and Earth History		3 Classes in **GEOL** 1010 and 1030 ☑ and 2020 ☑			
○ Physical Geology and Earth Resources with Laboratories	GEOL 1010	Physical Geology	A	3	Spring 2023
	GEOL 1030	Physical Geol Lab	A	1	Spring 2023
	GEOL 1140	Earth Resources Lab	IP	(1)	Fall 2023
	1 Class in **GEOL** 1120				
○ Physics with Calculus I and II with Laboratories		4 Classes in **PHYS** 1220 ☑ and 1240 ☑ and 2210 ☑ and 2230 ☑			
○ GENERAL EDUCATION - Arts and Humanities (Literature) (3 Cr)	Still needed:	3 Credits in @ @ ATTRIBUTE = LIT			
⊘ GENERAL EDUCATION - Oral Communication Requirement - (3 Cr)					
⊘ COMM Coursework	COMM 1500	Intro to Human Communication	A	3	Spring 2023
⊘ GENERAL EDUCATION - Social Sciences (6 Cr)	GEOG 1010 **Satisfied by:**	Intro to Geography APHG4 - Human Geography - Advanced Placement (AP)	TR	3	Fall 2022
	HIST 1930 **Satisfied by:**	Modern World History APHW3 - World History - Advanced Placement (AP)	TR	3	Fall 2022
⊘ BREADTH REQUIREMENT (3 Cr)	POSC 1010 **Satisfied by:**	Amer National Govt APGU3 - Govt & Pol: United States - Advanced Placement (AP)	TR	3	Fall 2022
○ WRITING REQUIREMENT (3 Cr)	Still needed:	1 Class in **ENGL** 3040 or 3120 ☑ or 3140 or 3150 ☑ or 3330 ☑			
○ GENERAL EDUCATION - Global Challenges (6 Cr)					
○ Any Global Challenges	Still needed:	3 Credits in @ @ ATTRIBUTE = GLCH AND In residence = Y			
○ 3000+ Global Challenges	Still needed:	3 Credits in @ 3000:4999 ATTRIBUTE = GLCH AND In residence = Y			
○ Required Electives (8 Cr)	CPSC 1210 **Satisfied by:**	Computational Thinking APCP4 - Computer Principles - Advanced Placement (AP)	TR	3	Fall 2022
	CPSC 2910	Sem in Professional Issues I	IP	(1)	Fall 2023
	HIST 1010 **Satisfied by:**	Hist of the U S APHU3 - US History - Advanced Placement (AP)	TR	3	Fall 2022

Excess Electives Credits applied: 0   Classes applied: 1

Course	Title	Grade	Credits	Term
CU 1000	Clemson Connect	P	0	Fall 2022

In-progress Credits applied: 16   Classes applied: 6

Course	Title	Grade	Credits	Term
CPSC 2070	Discrete Structures	IP	(3)	Fall 2023
CPSC 2120	Algs/Data Structures	IP	(4)	Fall 2023
CPSC 2310	Intro Computer Org	IP	(4)	Fall 2023
CPSC 2910	Sem in Professional Issues I	IP	(1)	Fall 2023
GEOL 1140	Earth Resources Lab	IP	(1)	Fall 2023
STS 1010	Survey Sci & Techn in Society	IP	(3)	Fall 2023

Legend

⊘	Complete	◯	Not complete
◐	Complete (with classes in-progress)	ⓘ	Nearly complete - see advisor
☑	Prerequsite	@	Any course number

Disclaimer

You are encouraged to use this degree audit report as a guide when planning your progress toward completion of the above requirements. Your academic advisor or the Registrar's Office may be contacted for assistance in interpreting this report. This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding this degree audit report, your official degree/certificate completion status, or to obtain a copy of your academic transcript.