

Worcester State University Bachelor of Science in Computer Science Teach-Out Plan

For Becker College Undergraduate Applied Computer Science Students

CURRENT BECKER COLLEGE FIRST-YEAR STUDENTS

Current first-year Becker College Applied Computer Science students who will achieve sophomore status by the end of the spring 2021 semester in good academic standing are guaranteed enrollment in the Worcester State University Computer Science program at the sophomore level. The following teach-out plan is specifically designed for current Becker College first-year students who will enter the Worcester State University Computer Science program at the sophomore level. Satisfactory completion of the Becker College first-year curriculum in Applied Computer Science will guarantee students 27 credits in transfer to WSU. Students will then follow the following degree requirements and timeline to finish their degrees at Worcester State University.

Fall 2020 – Becker College: 15 credits

Computer Programming I	CPTR1100	3	WSU CS 101 Basics of Comp. Sci
Composition and the Agile Mindset	COREENGL	3	WSU EN 190 Readings in Lit.
Managing Transitions: Change as a Norm	CORE1001	3	WSU TR 1XX
Introduction to Business Models	MGMT1000	3	WSU TR 1XX
Pre-Calculus and Functions, OR Calculus	MATH2001 MATH2202	3	WSU CS Approved MA/SCI WSU MA 202 Bus. Calc. (QR)

Spring 2021 – Becker College: 12 credits

Computer Programming II	CPTR1400	3	WSU CS 140 Intro to Prog.
Systems and Architectures	CPTR2000	3	WSU CS 254 Comp. Org. & Arch.
Informal Logic and Critical Thinking	PHIL1300	3	WSU TR 1XX
Calculus I, OR Calculus II	MATH2202 MATH2302	3	WSU MA 202 Bus. Calc. (QR) WSU CS Approved MA/SCI

Fall 2021 – Worcester State University: 15 credits

Discrete Structures I	WSU CS-225	3
Data Structures	WSU CS-242	3
Database Design and Applications	WSU CS-286	3
Writing I	WSU EN 101	3
Tech., Pub. Policy, Urban Soc. (HBS), OR Computing Ethics	WSU UR-230 WSU PH-134	3

Spring 2022 – Worcester State University: 15 credits

Computer Networking and Security	WSU CS-155	3
Unix Systems Programming	WSU CS-282	3
Discrete Structures II	WSU CS-295	3
Writing II	WSU EN 102	3
LASC Elective (GP)	WSU LASC	3

Fall 2022 – Worcester State University: 15 credits

Algorithm Analysis	WSU CS-248	3
Software Process Management	WSU CS-348	3
Statistics, OR Probability and Statistics	WSU MA-150	3
	WSU MA-302	
Technical Writing	WSU EN-252	3
Public Speaking (TLC)	WSU CM-110	3

Spring 2023 – Worcester State University: 16 credits

Operating Systems	WSU CS-373	3
Software Quality Assurance and Test. (SD), OR Cloud, Parallel and Dist. Comp. (BD)	WSU CS-443	3
	WSU CS-383	
LASC Elective (NSP)	WSU LASC	4
LASC Elective (CA)	WSU LASC	3
LASC Elective (CON)	WSU LASC	3

Fall 2023 – Worcester State University: 16 credits

Software Const., Design and Arch., (SD) OR Data Mining (BD)	WSU CS-343	3
	WSU-CS-453	
LASC (LAB)	WSU LASC	4
LASC (USW)	WSU LASC	3
LASC (DAC)	WSU LASC	3
General Elective	WSU SELECT	3

Spring 2024 – Worcester State University: 16 credits

Software Development Capstone, (SD) OR Big Data Analytics Capstone (BD)	WSU CS-448	3
LASC Elective (ICW)	WSU LASC	3
300+ Level CS Elective	WSU SELECT	3
WSU CS Approved MA/SCI	WSU SELECT	4
General Elective	WSU SELECT	3

Becker College Total Credits:	27
Worcester State University Total Credits:	93
Total Degree Credits	120

Notes:

- Concentration courses – Software Development (SD) or Big Data Analytics (BD)
- All students will have their transcripts reviewed; as a result, individual students may be handled on a case-by-case basis.
- A minimum of 120 credits is required for graduation.