

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

### For Becker College Undergraduate Applied Computer Science Students

#### CURRENT BECKER COLLEGE THIRD-YEAR STUDENTS

Current third-year Becker College Applied Computer Science students who will achieve senior 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 senior level. The following teach-out plan is specifically designed for current Becker College third-year students who will enter the Worcester State University Computer Science program at the senior level. Satisfactory completion of the Becker College first-, second-, and third-year curriculum in Applied Computer Science will guarantee students 88 credits in transfer to WSU. Students will then follow the following degree requirements and timeline to finish their degrees at Worcester State University.

#### **Fall 2018 – 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 2019 – 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 2019 – Becker College: 15 credits**

Writing about Literature	ENGL1003	3	WSU EN 105 Intro to Lit.
Discrete Mathematics	MATH2400	3	WSU CS 295 Discrete Struct. II
Data Structures	CPTR2300	3	WSU CS 242 Data Structures
Database Management	CPTR2400	3	WSU CS 286 DB Des. & Apps.
Software Engineering Life Cycle	GAME2175	3	WSU CS 348 SW Proc. Mgmt.

**Spring 2020 – Becker College: 15 credits**

Linear Algebra	MATH3305	3	WSU MA 260 Linear Algebra
Introduction to Project Management	MGMT1805	3	WSU BA 2XX
Agile Project Management with Scrum	GAME3175	3	WSU General Elective
Algorithms and Theory of Computing	CPTR3850	3	WSU CS 248 Algorithm Analysis
Social Science Elective		3	WSU LASC (GP)

**Fall 2020 – Becker College: 16 credits**

Developing an Entrepreneurial Mindset	CORE3100	3	WSU SELECT
Programming Languages	CPTR3300	3	WSU CS Elective
ACS Specialization Elective		3	WSU CS Elective
Science Elective w/ Lab		4	WSU LASC (LAB)
Humanities and Fine Arts Elective		3	WSU LASC (ICW)

**Spring 2021 – Becker College: 15 credits**

Mobile & Cloud Software Development	CPTR4200	3	WSU CS Elective
CPTR Elective		3	WSU CS Elective
Science Elective		3	WSU LASC (NSP)
ACS Specialization Elective		3	WSU CS Elective
Open Elective		3	WSU LASC (GP)

**Fall 2021 – Worcester State University: 18 credits**

Discrete Structures I	WSU CS-225	3
Writing I	WSU EN 101	3
Tech., Pub. Policy, Urban Soc. (HBS), OR Computing Ethics	WSU UR-230	3
Statistics, OR Probability and Statistics	WSU PH-134	
	WSU MA-150	3
	WSU MA-302	
Public Speaking (TLC)	WSU CM-110	3
Operating Systems	WSU CS-373	3

**Spring 2022 – Worcester State University: 18 credits**

Computer Networking and Security	WSU CS-155	3
Unix Systems Programming	WSU CS-282	3
Writing II	WSU EN 102	3
Technical Writing	WSU EN-252	3
LASC Elective (DAC)	WSU LASC	3
LASC Elective (USW)	WSU LASC	3

<b>Becker College Total Credits:</b>	<b>88</b>
<b>Worcester State University Total Credits:</b>	<b>36</b>
<b>Total Degree Credits</b>	<b>124</b>

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.