

Worcester State University Bachelor of Science in Biology Academic Plan

For Becker College Undergraduate Biology Students

CURRENT BECKER COLLEGE FIRST-YEAR STUDENTS

Current first-year Becker College Biology 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 Biology program at the sophomore level. The following academic plan is specifically designed for current Becker College first-year students who will enter the Worcester State University Biology program at the sophomore level. Satisfactory completion of the Becker College first-year curriculum in Biology will guarantee students 28 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: 14 credits

Biology I	BIOL 1001	4	BI 141 (4)
Chemistry I	CHEM 1001	4	CH 120 (4)
Composition and the Agile Mindset	CORE ENGL	3	EN 101 (3)
College Algebra OR Pre-Calculus and Functions	MATH 1200 or MATH 2001	3 3	MA 180 MA 1xx ¹

Spring 2021 – Becker College: 14 credits

Biology II	BIOL1002	4	BI 140
Chemistry	II CHEM1002	4	CH 121
Managing Transitions	CORE1001	3	TR-1XX
Behavioral or Social Science Elective	Elective	3	HBSP

Fall 2021 – Worcester State University: 16 credits

BI-204 Microbiology ³		4
CH-201 Organic Chemistry I (lecture)		3
LASC Elective (ICW) ²		3
LASC Elective (CON) ²		3
MA 150 – Statistics		3

Spring 2022 – Worcester State University: 16 credits

BI-203 Genetics ³		4
CH-202 Organic Chemistry II (lecture)		3
LASC Elective (GP) ²		3
LASC Elective (CA) ²		3
General Elective		3

Fall 2022 – Worcester State University: 14 credits

BI-202 Principles of Ecology ³		4
PY-221 General Physics I		4
Elective Ancillary or LASC Distribution		3
LASC Elective (TLC) ²		3

Spring 2023 – Worcester State University: 15 credits

BI-200	Human Biology ³	4
BI-3XX+	300 or 400 Major Elective	4
PY-222	General Physics II	4
General Elective		3

Fall 2023 – Worcester State University: 15 credits

BI-3XX+	300 or 400 Major Elective Lab	4
BI-3XX+	300 or 400 Major Elective Lab	4
LASC	Elective (USW) ²	3
General Elective		3

Spring 2024 – Worcester State University: 16 credits

BI-3XX+	300 or 400 Major Elective Lab	4
BI-404	Biology Seminar ⁴	2
SELECT	Additional Science	4
SELECT	Additional Science	4

Becker College Total Credits:	28
Worcester State University Total Credits:	92
Total Degree Credits	120

Notes:

- All students will have their transcripts reviewed; as a result, individual students may be handled on a case-by-case basis.
- Students must obtain a C- or higher in all Biology and Chemistry courses that serve as prerequisites for other Biology courses.
- Pre-med and Graduate school candidates should also take CH-203 & CH-204 in addition to CH-201 and CH-202. 200 level Biology courses may be taken in any order.
- Physics Requirements: PY-221 & PY-222 OR PY-241 & PY-242 satisfies LASC NSP.
- BI-161/BI-162 cannot substitute for BI-200.
- All biology core courses must be completed before taking BI-404 (BI-140, BI-141, BI-200, BI-202, BI-203, BI-204).
- A minimum of 120 credits is required for graduation.

¹ Will satisfy Biology Precalculus requirement² LASC courses can be taken in any order³ 200-level Bio course can be taken in any order⁴ Senior Seminar has all 4 200-level Biology courses as a prerequisite

Biology Electives

<u>Becker Course Name</u>	<u>Number</u>	<u>Credits</u>	<u>WSU Equivalent</u>
Microbiology	BIOL2502	4	BI 206 (Will satisfy Microbiology req)
Anatomy and Physiology I	BIOL2503	4	BI 161
Anatomy and Physiology II	BIOL2504	4	BI 162
Developmental Biology	BIOL3100	4	BI 306
Biotechniques	BIOL4200	3	BI 3xx
Organic Chemistry II	CHEM2101	4	CH 202+204

Introduction to Forensics	FORE 2001	4	BT 101
Physics II	PHYS2002	4	Satisfies Physics 2 req
Developmental Biology	BIOL3100	4	BI 306
Biostatistics	BIOL3200	3	Will satisfy MA 150 Req
Primatology	BIOL3201	3	BI 333
Exercise Physiology	EXSC3300	4	BI 3xx