

University Partnership—LCCC & BGSU Degree Completion Program
Bachelor's in Science, Major: Biological Sciences
Suggested Sequence of Courses

Pre-Requisites	LCCC course	Title	Cr Hrs	Lec Hrs	Lab Hrs	Other Hrs	BGSU equiv.
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Year 1: Fall Semester

	SDEV 101	College 101	1	1			ACEN 121
MTHM 023	BIOG 161	Principles of Biology I	4	3	3		BIOL 205
MTHM 023	CHMY 171	Gen. Chemistry I	5	3	3	1 (recitation)	CHEM 125
Placement	ENGL 161	English Comp I	3	3			ENG 111
Placement	MTHM 181	Calculus	5	5			MATH 131
		TOTAL	18	15	6	1	

Year 1: Spring Semester

BIOG 161	BIOG 162	Principles of Biology II	4	3	3		BIOL 204
CHMY 171	CHMY 172	General Chemistry II	5	3	3	1 (recitation)	CHEM 127/128
ENGL 161	ENGL 162	English Comp II	3	3			ENG 112
	BGSU BIOL Offering	Comparative Vertebrate Biology or TBA	4	3	2		BIOL 400
		TOTAL	16	12	8	1	

Year 2: Fall Semester

CHMY 172	CHMY 271	Organic Chemistry I	5	3	6		CHEM 341
CHMY 171	BGSU BIOL Offering	Marine Biology or TBA	3	3			BIOL 374
MTHM 181, BIOG 121 Or 161, CHMY 161 Or 171	BIOG 282	Methods in Biotech. I	4	2	3		
	Foreign Language Or Gen Ed Elective		3-4	2-3	0-3		
		TOTAL	15-16	10-11	9-12	1	

Year 2: Spring Semester

CHMY 271	CHMY 272	Organic Chemistry II	5	3	6		CHEM 344/345
BIOG 122, 151 or 161	BIOG 275	Genetics or BGSU Biology course	3	3			BIOL 350
	Foreign Language Or Gen Ed Elective		3-4	2-3	0-3		
BIOG 273	BGSU BIOL Offering	Evolution or TBA	3	2	2		BIOL 451
		TOTAL	14-15	10-11	8-11		

Year 2: Summer Semester:

	BGSU XXX	BG Perspective Elective*	3	3			
	BGSU XXX	BG Perspective Elective *	3	3			
		TOTAL	6	6			

* The BG Perspective Electives (General Education) are to meet LCCC's AS degree requirements and BGSU's BS degree requirements.

Courses shown in **BOLD TYPE** will be taught by BGSU.

	LCCC/BGSU course	Title	Cr Hrs	Lec Hrs	Lab Hrs	Other Hrs	BGSU equiv.
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Year 3: Fall Semester

	BIOG 121 OR BIOG 260	Anatomy & Physiology I OR Botany	4 or 4	3 3	2 3		BIOL 331 BIOL 343
BIOG 122 OR 161 & CHMY 161 or 171	BIOG 281	Molecular Biology	3	3	0		BIOL 408
Placement	PHYC 151	General Physics I	5	4	3		PHYS 211
	Foreign Language Or Gen Ed Elective***		3	2-3	0-3		
BIOG 161 Or 162	BGSU BIOL Offering	Field Biology of the Vertebrates or TBA	3	2	3		BIOL 301
		TOTAL	18	14-15	8-12		

Year 3: Spring Semester

BIOG 121 MTHM 181, CHMY 161 or 171, BIOG 121 or 161	BIOG 122 OR BIOG 282	Anatomy & Physiology II OR Methods in Biotechnology	4 or 3	3 1	2 4		BIOL 332 BIOL 421
PHYC 151	PHYC 152	General Physics II	5	4	3		PHYS 212
	Foreign Language Or Gen Ed Elective***		3	2-3	0-3		
BIOG 161,162, CHMY 171,172,271,271	BGSU BIOL Offering	Cell Biology or TBA	4	2	4		BIOL 407
		TOTAL	15-16	9-12	9-14		

Year 3: Summer Semester: No courses scheduled. General Education Electives could be taken, if desired. ***

Year 4: Fall Semester

BIOG 161	BGSU BIOL Offering	Population and Community Ecology or TBA	3	3			
	BIOG 299/???	Research/Work-based	1			8 (research)	
	Gen Ed. Elective, if needed	BG Perspective Elective (Gen. Ed. Elective(s) if needed ***	9	9			
		TOTAL	13	12	6	8	

Year 4: Spring Semester

BIOG 161, 162	BGSU BIOL Offering	General Parasitology or TBA	4	3	2		BIOL 405
	BIOG 299/???	Research/Work-based	1			8 (research)	
	Gen Ed. Elective, if needed	BG Perspective Elective(s) (General Education elective) if needed ***	6	6			
		TOTAL	11	9	2	8	

BACHELOR OF SCIENCE DEGREE COMPLETE

** The Foreign Language requirement is met by any of the following:

- 4 years of the same language in high school
- 4 semesters of the same language in college
- a combination of high school and college courses leading to completion of a foreign language course at the 252 level
- graduation from a high school where instruction was entirely conducted in a language other than English

*** See the BGSU Bachelor of Science Advising Guide for General Education Curriculum requirements. The AS degree would be completed after year 3 of the program if no foreign language is required. If a foreign language must be taken, the AS would be completed in year 4.