



Bachelor of Science in Biology Transfer Pathway (Associate of Science)

(Course selection/order may vary. All pathways are subject to change. Please contact an advisor/counselor.)

Year 1 Curriculum

Semester One

LCCC Course Name	Credit Hrs
ENGL 161: College Composition I	3
BIOG 161: Principles of Biology I	4
SPHN 251: Intermediate Spanish I <u>or</u> FRNH 251: Intermediate French I	3
MTHM 171: College Algebra	4
SDEV 101: College 101	1
MUSC 262: Music as a World Phenomenon (international perspective) *	3
Semester Total	18

Semester Two

LCCC Course Name	Credit Hrs
ENGL 162: College Composition II	3
BIOG 162: Principles of Biology II	4
SPNH 252: Intermediate Spanish II <u>or</u> FRNH 252: Intermediate French II	3
MTHM 172: Pre-Calculus	3
PSYH 151: Introduction to Psychology*	3
Semester Total	16

Year 1 Total Credit Hours: 34

Year 2 Curriculum

Semester One

LCCC Course Name	Credit Hrs
MTHM 181: Calculus I	5
CHMY 171: General Chemistry I	5
ENGL 266: African American Literature (cultural diversity)*	3
Choose one LCCC Transfer Module Social Science Course*	3
Semester Total	16

Semester Two

LCCC Course Name	Credit Hrs
MTHM 182: Calculus II (for pre-med, pre-dental or pre-vet) <u>or</u> elective	5 or 3
CHMY 172: General Chemistry II	5
BIOG 275: Genetics	4
BIOG 252: Microbiology	5
Semester Total	19 or 17

Cumulative Total Credits After Year Two: 67 or 69

Will have earned Lorain County Community College Associate of Science at the conclusion of Year 2.

*Other choices are possible for these requirements. See LCCC Advisor or Counselor for guidance.

Year 3 Curriculum

Semester One

LCCC Course Name	Credit Hrs
CHMY 271: Organic Chemistry I (for those pursuing a B.S. degree)	5
BGSU Multidisciplinary Component course	3
BGSU required course: BIOL 3540: Population & Community Ecology	3
BGSU required course: BIOL 3740: Marine Biology	3
Semester Total	14

Semester Two

LCCC Course Name	Credit Hrs
CHMY 272: Organic Chemistry II (for pre-med, pre-dental, pre-vet) <u>or</u> <u>BGSU elective</u>	5 or 3
BGSU required course: BIOL 4390: Immunobiology	3
BGSU required course: BIOL 4450: Environmental Microbiology	3
Choose 200 level LCCC Psychology elective	3
Semester Total	14 or 12

Cumulative Total Credits After Year 3: 93, 95, or 97

Year 4 Curriculum

Semester One

BGSU or LCCC Course Name	Credit Hrs
BGSU BIOL required course must be 4000 level	3
BGSU Multidisciplinary Component course	3
BGSU Multidisciplinary Component course. Must be 3000/4000 level choice.	3
PHYC 115: Physics for the Allied Health Sciences <u>or</u> PSSC 153: Physical Science (for those pursuing a B.A. <u>or</u> PHYC 150: General Physics I (for those pursuing a B.S.))	4
Semester Total	13

Semester Two

BGSU or LCCC Course Name	Credit Hrs
BGSU required course: BIOL 4480: Molecular Evolution	3
PHYC 152: General Physics II (for some pre-med, pre-dental, pre-vet) <u>or</u> BGSU elective	5 or 3
BGSU Multidisciplinary Component course. Must be 3000/4000 level choice	3
BGSU required course: BIOL 3510: Evolution	3
Semester Total	14 or 12

Cumulative Total Credits After Year 4: 112, 120, 122 or 124**

Will have earned the Bowling Green State University Bachelor of Science or Bachelor of Science in Biology Degree at the conclusion of Fourth Year.

****Student must have earned a minimum of 122 credit hours to earn the Bachelor's Degree. Thirty of those credits must be Bowling Green State University credits and 40 credits must be taken at the 3000/4000 level. Please note that some LCCC courses are equivalent to 3000/4000 level BGSU courses. See an advisor/counselor for guidance.**

***LCCC courses are in bold, partner courses are not bolded.**

Disclaimer:

The fluidity of these pathways is acknowledged. At each level changes are possible as requirements, courses, course numbers, etc. may change. All efforts have been made to confirm the accuracy of the pathway by each institution. Always be aware of the date of review on the document, located in the bottom left-hand corner. Always seek the assistance of an Academic Advisor or Counselor. 12-12-17, KL