

**BOWLING GREEN STATE UNIVERSITY ADVISING GUIDE**  
**LORAIN COUNTY COMMUNITY COLLEGE**  
**Catalog Year 2020-2021 (for students admitted to Biology Partnership Fall 2020 and onwards)**

**Bachelor of Science Degree with a Major in Biology**  
**Bachelor of Arts Degree with a Major in Biology**

The attached information is to be used as a guideline to determine the applicability of Lorain County Community College courses toward the **Bachelor of Science AND Bachelor of Arts degrees with a major in Biology (Biology)** at Bowling Green State University. Please read the information carefully and contact BGSU if you have any questions.

The agreement between BGSU and LCCC permits credits to transfer to BGSU from LCCC. However, all credits may not apply toward the biology degree program. The attached documents highlight the LCCC courses that apply to both Bachelor of Science and Bachelor of Arts degrees. Students must follow the degree program requirements in effect at the time of their transfer to BGSU. Only courses with LCCC equivalents are listed in this guide. Please note that additional selections may be available only at BGSU. **Courses with the “BGP” designation meet the BG Perspective (general education) curriculum requirements.**

The University accepts transfer of credit for equivalent courses but does not accept the transfer of grades from other institutions. However, previous grades will be considered for admission to BGSU, academic scholarships and awards, and Latin Honors (summa cum laude, magna cum laude and cum laude).

An official evaluation of your college credits will be made by the Office of Registration and Records after you have been formally admitted to the University. Coursework at the other accredited institutions for which you have earned a “C” or better and which is comparable to coursework at BGSU curriculum is usually considered for transfer credit. Students who have completed an associate degree will be permitted to transfer credit in which a grade of “D” or better is earned. All courses with a passing grade, including grades of “D” that carry quality points of 1.0 or greater (on a 4.0 scale) will transfer for courses taken Fall 2005 or after. Individual degree or program requirements may demand a higher grade than “D” in selected courses. Those standards will apply equally to transfer courses and to courses taken at BGSU.

For information on applying for this special Biology program, please contact:

**BGSU name of contact:** Dr. Dan Pavuk  
319 Life Sciences Building, BGSU; 419-372-4839  
[dmpavuk@bgsu.edu](mailto:dmpavuk@bgsu.edu)

**LCCC name of contact:** Dr. Brenda Pongracz, Interim UP Associate Provost  
(440) 366-7192  
[bpongraz@lorainccc.edu](mailto:bpongraz@lorainccc.edu)

For information or questions related to this advising guide, please contact:

College of Arts & Sciences  
205 Administration Building  
Bowling Green State University  
contactcas@bgsu.edu  
419-372-2015

Note: Please be sure to double check these equivalencies against Transferology ([www.transferology.com](http://www.transferology.com)) for the most current information.

## I. ENGLISH COMPOSITION REQUIREMENT

Each student is required to complete the equivalent of BGSU General Studies Writing 1120. **Please note: All courses marked as “BGP” meet the University BG Perspective (general education) Curriculum Requirements.**

BGSU	LCCC
GSW 1110 (BGP)	ENGL 161
GSW 1120 (BGP)	ENGL 162

## II. FOREIGN LANGUAGE

Each student must meet one (1) of the following to fulfill the foreign language requirement:

1. Graduation from a high school where all instruction was conducted in a language other than English.
2. Complete four (4) years of one (1) language in high school.
3. Pass a proficiency exam in the language at the 2020 level.
4. Complete one (1) of the options listed below: (a four (4) course sequence may be required depending on the number of years of foreign language taken in high school)

**Please note: All courses marked as “BGP” meet the University BG Perspective (general education) Curriculum Requirements.** The asterisk denotes that these courses fulfill the BGP international perspective requirement.

BGSU	LCCC
FREN 1010	FRNH 151
FREN 1020	FRNH 152
FREN 2010 (BGP*)	FRNH 251*
FREN 2020 (BGP*)	FRNH 252*
GERM 1010	GRMN 151
GERM 1020	GRMN 152
GERM 2010*	GRMN 251*
GERM 2020*	GRMN 252*
SPAN 1010	SPNH 151
SPAN 1020	SPNH 152
SPAN 2010 (BGP*)	SPNH 251*
SPAN 2020 (BGP*)	SPNH 252*

### III. NATURAL SCIENCES AND MATHEMATICS

#### Natural Sciences

Each student is required to complete at least 32 h in Biology courses as well as courses in Physics, Chemistry and Math (requirements vary between BS and BA degrees – see notes below). **Please note: All courses marked as “BGP” meet the University BG Perspective (general education) Curriculum Requirements.**

BGSU	LCCC
ASTR 2120 (BGP) <sup>1</sup> please see note below	ASTY 151 <sup>1</sup> or ASTY 152 <sup>1</sup>
CHEM 1000 (BGP) <sup>1</sup> please see note below	CHMY 155 <sup>1</sup>
CHEM 1090 & 1100 (BGP) <sup>1</sup> please see note below	CHMY 161 <sup>1</sup>
CHEM 1170 <sup>1</sup> please see note below	CHMY 162 <sup>1</sup>
GEOL 1000 (BGP) <sup>1</sup> please see note below	PSSC 161 <sup>1</sup>
GEOL 1040 (BGP) <sup>1</sup> please see note below	PSSC 156 <sup>1</sup>
GEOL 1050 (BGP) <sup>1</sup> please see note below	PSSC 157 <sup>1</sup>
BIOL 1040 (BGP) <sup>1</sup> please see note below	BIOG 151 <sup>1</sup>
BIOL 1080 (BGP) <sup>1</sup> please see note below	BIOG 159 <sup>1</sup>
BIOL 2040 (BGP)	BIOG 162
BIOL 2050 (BGP)	BIOG 161
BIOL 3130	BIOG 252
BIOL 3500	BIOG 275
BIOL 3310 <sup>2</sup> please see note below	BIOG 121 <sup>2</sup>
BIOL 3320 <sup>2</sup> please see note below	BIOG 122 <sup>2</sup>
BIOL 3430 <sup>2</sup> please see note below	BIOG 260 <sup>2</sup>
BIOL 3540	BIOG 267
BIOL 4080	BIOG 281
BIOL 4210	BIOG 282
CHEM 1250 (BGP)	CHMY 171
CHEM 1270 & 1280	CHMY 172
CHEM 3410 <sup>3</sup> please see note below	CHMY 271 <sup>3</sup>
CHEM 3440 & 3450 <sup>4</sup> please see note below	CHMY 272 <sup>4</sup>
PHYS 1010 (BGP) <sup>5</sup> please see note below	PHYC 115 <sup>5</sup> or PSSC 153 <sup>5</sup>
PHYS 2010 (BGP) <sup>6</sup> please see note below	PHYC 150 <sup>6</sup>
PHYS 2020 (BGP) <sup>7</sup> please see note below	PHYC 152 <sup>7</sup>
PHYS 2110 (BGP)	PHYC 251
PHYS 2120 (BGP)	PHYC 252

<sup>1</sup> These courses do not count toward the Science major (or minor) but may count toward the required College of Arts and Sciences Multidisciplinary Component below.

<sup>2</sup> Can count toward either Biology electives or as upper-level classes of Multidisciplinary Component (each class in this component must have a different course prefix)

<sup>3</sup> CHEM 3410 (or CHEM 3060 – no equivalent at LCCC) is required for the Bachelor of Science degree in Biology only.

<sup>4</sup> CHEM 3440/3450 is not required for the BGSU Bachelor of Science Biology degree. Completion of this course qualifies the student for graduation with a Chemistry minor and completion of the second semester of Chemistry is required by most medical schools and some other health professional programs.

<sup>5</sup> PHYS 1010 will fulfill the Physics requirement for the Bachelor of Arts degree in Biology.

<sup>6</sup> PHYS 2010 (or PHYS 2110) will fulfill the Physics requirement for the Bachelor of Science degree in Biology.

<sup>7</sup> PHYS 2020 is not required for the BGSU Biology degree. Completion of this course may be required by many medical schools and some other health professional programs.

**Mathematics: Each student must complete MATH 1310 (Calculus I) for the Bachelor of Science in Biology. Students must complete a course in statistics AND a minimum of College Algebra II (MATH 1220) for the Bachelor of Arts in Biology.**

BGSU	LCCC
<b>Statistics</b>	
MATH 1150 (BGP)	MTHM 168
<b>Math track</b>	
MATH 1210	MTHM 151
MATH 1220 (BGP)	MTHM 171
MATH 1280 (BGP)	MTHM 175
MATH 1300 (BGP)	MTHM 172
MATH 1310 (BGP)	MTHM 181
MATH 2320 <sup>8</sup> please see note below	MTHM 182 <sup>8</sup>

<sup>8</sup> MATH 2320 is not required for the BGSU Biology degree. Completion of this course is required by many medical schools and some other health professional programs.

#### IV. BG PERSPECTIVES REQUIREMENT

Each student must complete at least 36 credit hours of BGP courses, including courses required for the major. Two BGP courses must be completed in each of the Social Sciences and Humanities and the Arts. At least one BGP course must be an International Perspective course, denoted with an asterisk (\*) AND one course must be a Cultural Diversity course, denoted with (cd) after the title.

BGP Social and Behavioral Sciences	
BGSU	LCCC
ECON 2000 (BGP) <sup>9</sup> please see note below	ECNM 111 <sup>9</sup>
ECON 2030 (BGP)	ECNM 151
ECON 2020 (BGP)	ECNM 152
GEOG 2300 (BGP)	GPHY 151
GERO 1010 (BGP)	HMSR 121
HIST 1510 (BGP*)	HSTR 151 *
HIST 1520 (BGP*)	HSTR 152 *
HIST 2050 (BGP, cd)	HSTR 161 (cd)
HIST 2060 (BGP)	HSTR 162
INST 2000 (BGP*)	INTL 151*
POLS 1100 (BGP)	PLSC 156
POLS 1710 (BGP*)	PLSC 151 *
POLS 1720 (BGP*)	PLSC 157 *
PSYC 1010 (BGP)	PSYH 151
SOC 1010 (BGP)	SOCY 151
SOC 2020 (BGP)	SOCY 256
SOC 2160 (BGP, cd)	SOCY 276 (cd)
SOC 2310 (BGP*)	SOCY 161 *

<sup>9</sup> Important Note for Economics 2000, 2020, and 2030 courses: Students may take Economics 2000 *and then enroll in and complete Economics 2020 and/or Economics 2030*. However, students who complete Economics 2020 and/or Economics 2030 first and then take Economics 2000 will not receive credit for Economics 2000.

<b>BGP Humanities and the Arts</b>	
<b>BGSU</b>	<b>LCCC</b>
ARTH 1450 (BGP*)	ARTS 243*
ARTH 1460 (BGP*)	ARTS 244*
CLCV 3800 (BGP)	HUMS 271
ENG 2110 (BGP, cd)	ENGL 266 (cd)
ENG 2610 (BGP*)	HUMS 261 *
ENG 2620 (BGP*)	HUMS 262 *
ENG 2640 (BGP)	ENGL 261
ENG 2650 (BGP)	ENGL 262
ENG 2740 (BGP)	ENGL 251
ENG 2750 (BGP)	ENGL 252
GERM 2010 (*) <sup>10</sup>	GRMN 251*
GERM 2020 (*) <sup>10</sup>	GRMN 252*
FREN 2010 (BGP*)	FRNH 251*
FREN 2020 (BGP*)	FRNH 252*
MUCT 1250 (BGP*)	MUSC 262*
PHIL 1010 (BGP)	PHLY 151
PHIL 1020 (BGP)	PHLY 165 or PHLY 161
PHIL 1030 (BGP)	PHLY 171
SPAN 2010 (BGP*)	SPNH 251*
SPAN 2020 (BGP*)	SPNH 252*
THFM 1410 (BGP)	THTR 151
THFM 1610 (BGP)	HUMS 281
THFM 2020 (BGP)	CMMC 163
WS 2000 (BGP, cd)	WMST 210 (cd) or URBS 210 (cd)

<sup>10</sup> Whereas GERM 2010/2020 do not count toward BGP Humanities and Arts, they can be counted toward meeting the BGP International Perspective requirement.

#### V. ARTS and SCIENCES MULTIDISCIPLINARY COMPONENT

Students must complete 4 different courses each with a different subject prefix. At least two of these courses must be at the 3000/4000 level. The Multidisciplinary Component may not fulfill major, minor or BGP requirements.

<b>BGSU</b>	<b>LCCC</b>
ARTH 1450 (BGP*)	ARTS 243*
ARTH 1460 (BGP*)	ARTS 244*
CLCV 3800 (BGP)	HUMS 271
COMM 2070	CMMC 165
ECON 2000 (BGP) <sup>9</sup> please see note above	ECNM 111
ECON 2030 (BGP)	ECNM 151
ECON 2020 (BGP)	ECNM 152
EDFI 3020	EDCT 252
ENG 2000	ENGL 253
ENG 2000	ENGL 254
ENG 2000	ENGL 255
ENG 2000	ENGL 257
ENG 2000	ENGL 259

ENG 2000	ENGL 265
ENG 2000	RELG 251
ENG 2040	ENGL 165
ENG 2050	ENGL 167
ENG 2110 (BGP, cd)	ENGL 266 (cd)
ENG 2610 (BGP*)	HUMS 261 *
ENG 2620 (BGP*)	HUMS 262 *
ENG 2640 (BGP)	ENGL 261
ENG 2650 (BGP)	ENGL 262
ENG 2740 (BGP)	ENGL 251
ENG 2750 (BGP)	ENGL 252
ENG 3010	ENGL 269
ENG 3420	ENGL 267
GEOG 1250	PSSC 160
GEOG 2130	PSSC 158
GEOG 2300 (BGP)	GPHY 151
GEOG 3420	GPHY 152
GERO 1010 (BGP)	HMSR 121
HIST 1510 (BGP*)	HSTR 151 *
HIST 1520 (BGP*)	HSTR 152 *
HIST 2050 (BGP, cd)	HSTR 161 (cd)
HIST 2060 (BGP)	HSTR 162
HIST 3060	HSTR 176
HIST 3150	HSTR 267G (cd)
HUM 1010	HUMS 151
INST 2000 (BGP*)	INTL 151*
MUCT 1250 (BGP*)	MUSC 262*
MUCT 2210	MUSC 261
PHIL 1010 (BGP)	PHLY 151
PHIL 1020 (BGP)	PHLY 165 or PHLY 161
PHIL 1030 (BGP)	PHLY 171
PHIL 2170	RELG 181
PHIL 2190	SOCY 265
POLS 1100 (BGP)	PLSC 156
POLS 1710 (BGP*)	PLSC 151*
POLS 1720 (BGP*)	PLSC 157*
POLS 3030	PBAD 151
POLS 3310	PLSC 155
PSYC 1010 (BGP)	PSYH 151
PSYC 3030	PSYH 253
PSYC 3040	PSYH 254
PSYC 3050	PSYH 274
PSYC 3060	PSYH 275
PSYC 3070	PSYH 259
PSYC 3090	PSYH 256
PSYC 3100	PSYH 251

PSYC 3110	PSYH 261
PSYC 3500	PSYH 273
PSYC 4030	PSYH 263
PSYC 4050	PSYH 257
SOC 1010 (BGP)	SOCY 151
SOC 2020 (BGP)	SOCY 256
SOC 2160 (BGP, cd)	SOCY 276 (cd)
SOC 2310 (BGP)	SOCY 161
SOC 3610	SOCY 255
SOC 4040	HMSR 221
SOC 4610	HMSR 161
THFM 1410 (BGP)	THTR 151
THFM 1610 (BGP)	HUMS 281
THFM 2020 (BGP)	CMMC 163
THFM 3470	THTR 185
WS 2000 (BGP, cd)	WMST 210 (cd) or URBS 210 (cd)
<b>Natural Science Courses</b>	
ASTR 2120 (BGP)	ASTY 151 or 152
BIOL 1040 (BGP)	BIOG 151
BIOL 1080 (BGP)	BIOG 159
CHEM 1000 (BGP)	CHMY 155
CHEM 1090 & 1010 (BGP)	CHMY 161
CHEM 1170	CHMY 162
GEOL 1000 (BGP)	PSSC 161
GEOL 1040 (BGP)	PSSC 156
GEOL 1050 (BGP)	PSSC 157
GEOG 1250 (BGP)	PSSC 160
PHYS 1010 (BGP)	PHYC 115 or PSSC 153

Initial 7/2/15 R.M. McKay  
Rev. 1/25/19 A.K. Wagner  
Rev. 8/24/20 G.S. Bullerjahn