

LaGrange College

Course Catalog - Biology

Table of Contents

| | |
|---|---|
| LaGrange College..... | 1 |
| Course Catalog - Biology..... | 1 |
| B.A. in Biology and M.A.T. - B.A. in Biology and M.A.T..... | 1 |
| B.S. in Biology - B.S. in Biology..... | 1 |
| B.A. in Biology - B.A. in Biology..... | 2 |
| Minor in Biology - Minor in Biology..... | 3 |
| | 3 |

LaGrange College

Course Catalog - Biology

B.A. in Biology and M.A.T. - B.A. in Biology and M.A.T.

Type:Major

Undergraduate students who meet the admission requirements for the M.A.T (passing GACE Program Admissions Assessment or a combined SAT score of more than 1080 (1000 prior to July 01, 2019) and completing the Georgia Code of Ethics for Educators Assessment) and those who have a GPA of 3.0 or higher in their undergraduate studies are eligible to participate in a combined B.A. and M.A.T. program of study after the completion of 90 semester hours. Once accepted, candidates may take entering M.A.T. cohort graduate courses the Summer Semester following their junior year of study. Upon gaining senior status, candidates may take one (1) three-credit graduate course during the Fall, Interim, and Spring semesters only if enrolled with twelve (12) undergraduate credits.

B.S. in Biology - B.S. in Biology

Type:Major

In addition to completing the general education curriculum requirements, students pursuing a major in Biology must complete the following major program requirements:

- Core or Ethos Curriculum (including BIOL 1107, 1107 L, 1108, and 1108 L; A C- or better is required in these courses to declare the biology major and to enroll in upper level biology courses)
 - CHEM 1101 and 1102
 - Choice of MATH 1114, MATH 1221, or MATH 2221 (in addition to the Core math requirement)
- OR
- A total of two(2) MATH courses for **Ethos** curriculum; choose from **Ethos PG1** MATH 1101, MATH 1221, or MATH 2221 and choose from MATH 1114, MATH 1221, or MATH 2221 for the biology major requirements
 - Choice of one (1) cellular-level biology course (BIOL 3321, 3322, 3360, 3370, 3372, 3373, 3374, 3376)
 - Choice of one (1) organismal-level biology course (BIOL 3334, 3335, 3336, 3340, 3351, 3353, 3384)
 - Organic Chemistry I (CHEM 3201) and Organic Chemistry II (CHEM 3202)
 - Introductory Physics I (PHYS 1101) and Introductory Physics II (PHYS 1102)
 - BIOL 4470—Senior Seminar
 - Five (5) additional upper level biology courses (Biochemistry I or II, CHEM 4421 or CHEM 4422, may be chosen as one of these courses. BIOL 2148 or 2149 may be counted as one of these courses.) BIOL 4470 and BIOL 4496 do not satisfy this requirement.

This represents 57 semester hours of coursework in addition to the Core requirements.

B.A. in Biology - B.A. in Biology

Type:Major

In addition to completing the general education curriculum requirements, students pursuing a major in Biology must complete the following major program requirements.

The program offers a Bachelor of Arts in Biology with the following criteria:

- Core or Ethos Curriculum (including BIOL 1107, 1107 L, 1108, and 1108 L; A C- or better is required in these courses to declare the biology major and to enroll in upper level biology courses).
 - CHEM 1101 and 1102
 - Choice of MATH 1114, MATH 1221, or MATH 2221 (in addition to the Core math requirement)
- OR
- A total of two (2) MATH courses for **Ethos** curriculum; choose from **Ethos PG1** MATH 1101, MATH 1221, or MATH 2221 and choose from MATH 1114, MATH 1221, or MATH 2221 for the biology major requirements
 - Choice of one (1) cellular-level biology course (BIOL 3321, 3322, 3360, 3370, 3372, 3373, 3374, 3376)

- Choice of one (1) organismal-level biology course (BIOL 3334, 3335, 3336, 3340, 3351, 3353, 3384)
- BIOL 4470—Senior Seminar
- Six (6) additional upper level biology courses (Biochemistry I or II, CHEM 4421 or CHEM 4422, may be chosen as one of these courses. BIOL 2148 or 2149 may be counted as one of these courses.) BIOL 4470 and BIOL 4496 do not satisfy this requirement.

This represents 45 semester hours of coursework in addition to the Core requirements.

Minor in Biology - Minor in Biology

Type:Minor

Students pursuing a minor in Biology must complete the following program requirements:

- BIOL 1107, 1107 L, 1108, and 1108 L or BIOL 2148 and 2149; A C- or better is required in these courses to declare the biology major and to enroll in upper level biology courses. These courses fulfill the Laboratory Science requirement of the Core Curriculum or PG2, Laboratory Science and the Natural World of the Ethos Curriculum.
- Choice of one (1) cellular-level biology course (BIOL 3321, 3322, 3360, 3370, 3372, 3373, 3374, 3376)
- Choice of one (1) organismal-level biology course (BIOL 3334, 3335, 3336, 3340, 3351, 3353, 3384)
- Two (2) additional upper-level biology courses (one of these courses may be CHEM 4421 or CHEM 4422). If BIOL 1107, 1107L, 1108, and 1108L are used as the Laboratory Science requirement in the Core Curriculum, either BIOL 2148 or 2149 may satisfy one of the required courses in this section. BIOL 4470 and BIOL 4496 do not satisfy this requirement.
- All courses must be completed with a C- or better

This represents 16 semester hours of coursework in addition to the general education requirements.

Last updated: 07/02/2019

LaGrange College

601 Broad Street
LaGrange, GA 30240
706-880-8000