



Suggested 4-year Course Pathway Worksheet

**BACHELOR OF ARTS IN BIOLOGY**  
*(starting with MATH 1101 or higher)*

2020-2021 Bulletin

| FALL SEMESTER  | JANUARY INTERIM TERM   | SPRING SEMESTER  |
|--|--|--|
| <b>*FRESHMAN (0 – 29 earned hours)</b>   |  |  |
| <input type="checkbox"/> CORE 1101 (PG3) – 3 hr.<br><input type="checkbox"/> ENGL 1101 (PG1) – 3 hr.<br><input type="checkbox"/> MATH 1101, 1221, or 2221 (PG1) (according to placement) – 3-4 hr.<br><input type="checkbox"/> BIOL 1107 (PG2) – 3 hr.<br><input type="checkbox"/> BIOL 1107L (PG2) – 1 hr.<br><i>Optional: Select 1 from the following:</i><br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. | <input type="checkbox"/> INTM course REQUIRED – 3 hr.                                | <input type="checkbox"/> CORE 1102 (PG3) – 1 hr.<br><input type="checkbox"/> ENGL 1102 (PG1) – 3 hr.<br><input type="checkbox"/> MATH 1221 (PG1) or MATH 1114 – 3-4 hrs.<br><input type="checkbox"/> BIOL 1108 (PG2) – 3 hr.<br><input type="checkbox"/> BIOL 1108L (PG2) 1 hr.<br><i>Optional: Select 1 from the following:</i><br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. |
| <b>12-16 TOTAL HRS</b> _____   | <b>3 TOTAL HRS</b> _____   | <b>12-16 TOTAL HRS</b> _____   |
| <b>*SOPHOMORE (30 – 59 earned hours)</b>   |  |  |
| <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select 2 or more from the following:</i><br><input type="checkbox"/> CHEM 1101 (PG2) – 4 hr.<br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.  | <input type="checkbox"/> INTM course – 3 hr.   | <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select from 2 or more of the following:</i><br><input type="checkbox"/> CHEM 1102 (PG2) – 4 hr.<br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> |
| <b>12-16 TOTAL HRS</b> _____   | <b>3 TOTAL HRS</b> _____   | <b>12-16 TOTAL HRS</b> _____   |
| <b>JUNIOR (60 – 89 earned hours)</b>   |  |  |
| <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select 3 or more from the following:</i><br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> CHEM 1101 (PG2) – 4 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> Elective hours                 | <input type="checkbox"/> On campus or travel INTM course; use travel voucher – 3 hr. | <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select 2 or more from the following:</i><br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> CHEM 1102 (PG2) – 4 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> Elective hours   |
| <b>12-16 TOTAL HRS</b> _____   | <b>3 TOTAL HRS</b> _____   | <b>12-16 TOTAL HRS</b> _____   |

| <b>SENIOR (90+ earned hours)</b>   |   |  |
|--|---|--|
| <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select 3 or more from the following:</i><br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> CHEM 1101 (PG2) – 4 hr.<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> Elective hours<br><b>12-16 TOTAL HRS</b> _____ | <input type="checkbox"/> On campus or travel<br>INTM course (if 3<br>interim courses not yet<br>completed); use travel<br>voucher if still available<br>– 3 hr.<br><b>3 TOTAL HRS</b> _____ | <input type="checkbox"/> BIOL 4470 <sup>#</sup> – 1 hr.<br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><i>Select 2 or more from the following:</i><br><input type="checkbox"/> Upper level BIOL 3XXX – 4 hr.<br><input type="checkbox"/> CHEM 1101 (PG2) – 4 hr.2<br><input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.<br><input type="checkbox"/> Elective hours<br><b>12-16 TOTAL HRS</b> _____ |

General Education Credit Hours: 44      Major Credit Hours: 45  
 Total Number of Credit Hours Required to Graduate: 120<sup>##</sup>

\*\*The first semester is a transitional time for first year students, so we recommend 12-14 hours. However, 16 hours is the maximum number hours one can take.

<sup>#</sup>Must take course in indicated semester to graduate on time.

<sup>##</sup>Choose a minor or second major to reach 120 hours.

- For details regarding the specific courses required in the curriculum, refer to the [LaGrange College Bulletin](#) or discuss with your advisor.
- The B.S. degree is preparatory for pre-professional programs (medicine, dentistry, veterinary medicine, physical therapy, physician assistant, pharmacy, optometry, etc.) and graduate programs in life sciences fields.
- To be eligible for a degree, students must complete the required number of Cultural Enrichment (CE) credits reflected in the Bulletin (40 credits for all first-year students), satisfy a minimum of three (3) interim courses, and maintain a minimum of a 2.0 GPA.

**NOTES:**

- You must take an average of 30 hours per year to reach the 120 credit hours required for graduation in 4 years; you may choose a minor or enroll in elective credits to reach 120 hours.
- Course options are listed in order of priority for the given year. These courses are required, but flexibility exists as to when to take the take courses listed as options.
- For a list of Ethos courses and requirements, see the Ethos curriculum in the bulletin and the Ethos Bridge Plan (until 2020); PG# corresponds to the course categories in Ethos.
- For a list of upper level biology courses as well as requirements for the BA Biology major consult the current bulletin.
- BA Biology majors must take at least 2 math courses (those in the Ethos curriculum). If a student tests into MATH 1101, take MATH 1101 and MATH 1114 (preferred) or MATH 1221.
- Math 1101 is a pre-requisite course for CHEM 1101. CHEM 1101/1102 are pre-requisite courses for CHEM3201. CHEM 3201/3201 are pre-requisites for CHEM 4421.
- MATH 1101/testing into MATH 1101 is a co-requisite for BIOL 1107/1107L. A C- or better in BIOL 1107/1107/L is a pre-requisite for BIOL 1108/1108L. A C- or better in BIOL 1107/1107L and BIOL 1108/1108L are pre-requisites for all BIOL 3XXX and 4XXX courses.
- The current LaGrange College bulletin supersedes this worksheet if differences between this document and the bulletin arise.

*\*A student may be placed on probation or suspension, at the discretion of the VPAA, if he or she fails to successfully complete ENGL 1101 within the first 30 semester hours of enrollment and/or if he or she fails to successfully complete one core mathematics course (MATH 1101 or higher) within the first 45 hours of enrollment at LaGrange College.*