



Suggested 4-year Course Pathway Worksheet

**BACHELOR OF SCIENCE IN BIOLOGY**

*(if test into MATH 0100)*

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. <input type="checkbox"/> ENGL 1101 (PG1) – 3 hr. <input type="checkbox"/> MATH 0100 (according to placement) – 3 hr. <i>Select from 1 or more from the following:</i> <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. <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. <input type="checkbox"/> ENGL 1102 (PG1) – 3 hr. <input type="checkbox"/> MATH 1101 (PG1) – 3 hr. <i>Select from 2 or more from the following:</i> <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. <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"/> BIOL 1107 <sup>#</sup> (PG2) – 3 hr. <input type="checkbox"/> BIOL 1107L <sup>#</sup> (PG2) – 1 hr. <input type="checkbox"/> CHEM 1101 <sup>#</sup> – 4 hr. <i>Select 1 or more from the following:</i> <input type="checkbox"/> MATH 1221 (PG2); <b>must take sophomore year</b> – 4 hr. <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.	<input type="checkbox"/> INTM course – 3 hr.	<input type="checkbox"/> BIOL 1108 <sup>#</sup> – 3 hr. <input type="checkbox"/> BIOL 1108L <sup>#</sup> – 1 hr. <input type="checkbox"/> CHEM 1102 <sup>#</sup> – 4 hr. <i>Select from 1 or more of the following:</i> <input type="checkbox"/> MATH 1221 (PG2); <b>must take sophomore year</b> (if not already taken) – 4 hr. <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr. <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>JUNIOR (60 – 89 earned hours)</b>		
<input type="checkbox"/> CHEM 3201 – 4 hr. <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <i>Select 1 or more from the following:</i> <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <input type="checkbox"/> PHYS 1101 (PG2) – 4 hr. <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.	<input type="checkbox"/> On campus or travel INTM course; use travel voucher – 3 hr.	<input type="checkbox"/> CHEM 3202 – 4 hr. <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <i>Select 1 or more from the following:</i> <input type="checkbox"/> Upper level BIOL 3XXX-4hr <input type="checkbox"/> PHYS 1102 (PG2) – 4 hr. <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> _____

SENIOR (90+ earned hours)		
<input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <i>Select 2 or more from the following:</i> <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <input type="checkbox"/> CHEM 4421 – 4 hr. <input type="checkbox"/> PHYS 1101 – 4 hr. <input type="checkbox"/> ETHOS course of choice (PG1, PG2, or PG3) – 3 hr.	<input type="checkbox"/> On campus or travel INTM course (if 3 interim courses not yet completed); use travel voucher if still available – 3 hr.	<input type="checkbox"/> BIOL 4470 <sup>#</sup> – 1 hr. <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <i>Select 2 or more from the following:</i> <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <input type="checkbox"/> Upper level BIOL 3XXX – 4 hr. <input type="checkbox"/> PHYS 1102 (PG2) – 4 hr. <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> _____

General Education Credit Hours: 44      Major Credit Hours: 57  
 Total Number of Credit Hours Required to Graduate: 120

\*\*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.

#Must take course in indicated semester to graduate on time.

- 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
- 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 BS Biology major consult the current bulletin.
- BS Biology majors need to complete math through MATH 1221 and must take at least 2 math courses. If a student tests into MATH 1101, take MATH 1101 and MATH 1221. If student tests into MATH 1221 or higher, take the math he/she tests into and MATH 1114.
- 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. CHEM 4421 is highly recommended for many pre-professional programs.
- MATH 1221 is a pre-requisite for PHYS 1101.
- 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.*