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BIOLOGY, B.S.

Through Saint Louis University's biology major, students gain a better understanding of living organisms and how they interact with the environment. Biological research seeks to answer a broad range of questions, from factors that affect human health to ecological issues.

Saint Louis University's biology program offers courses that emphasize concepts over facts and aim to provide a foundation for careers in the life sciences, health professions, K-12 education and advanced post-graduate study in various disciplines. Five B.S. degree concentrations allow students to focus on specific disciplinary areas. SLU also offers a B.A. in Biology (https://www.slu.edu/arts-and-sciences/academics/degrees/undergraduate/biology-ba.php).

- The program is enriched by interactions with the School of Medicine, Missouri Botanical Garden, Donald Danforth Plant Science Center, Saint Louis Zoo and many St. Louis-based life science companies. Research experiences and internships provide students with opportunities to study biology beyond the classroom.
- SLU's Department of Biology (https://www.slu.edu/arts-and-sciences/biology/) has a field station (https://www.slu.edu/arts-and-sciences/biology/reis-biological-station/) that provides unique opportunities for students to explore ecology, conservation and environmental science in an Ozark forest ecosystem. The field station offers students opportunities to take a summer class, conduct undergraduate research and participate in a semester-long program of field biology coursework.
- Students are encouraged to participate in co-curricular activities.
 Groups such as Beta Beta Beta, the biology honorary society, and
 Alpha Epsilon Delta, the pre-professional honor society, are social and academic organizations that further students' interest in biology while exposing them to its relationship with other scientific disciplines.

Curriculum Overview

The undergraduate curriculum in the Department of Biology is diverse and will meet a variety of interests in the rapidly expanding fields of the biological sciences. It is also designed to provide an intensive educational experience for students in other disciplines who are interested in biology. In addition to courses offered in Macelwane Hall, the department offers courses at the University's Reis Biological Station (https://www.slu.edu/arts-and-sciences/biology/reis-biological-station/), located by the Huzzah Creek in the Ozarks.

B.S. students may choose one of five concentrations:

Biological Science

This concentration provides students with a strong foundation in biology and prepares students for entry-level employment in the life sciences, health professions, K-12 education and graduate school.

Biological Chemistry and Molecular Biology

This concentration focuses on the latest advances in biochemistry, genomics, molecular and cell biology. It is designed for students interested in careers involving biomedical research or biotechnology.

Cell Biology and Physiology

This concentration provides students with a strong foundation in the structure and function of organ systems and the tissues that comprise

them. It is a good choice for students planning careers in medicine, pharmacology or health care.

Ecology, Evolution and Conservation

This concentration is designed for students interested in various aspects of organismal biology. It is a good choice for students preparing for graduate study or planning a career as a research biologist or wildlife specialist.

Plant Science

This concentration is designed for students interested in various aspects of plant biology. It prepares students for careers in agricultural industries, botanical research institutes or advanced training in graduate degree programs.

Fieldwork and Research Opportunities

The benefits of SLU's biology program include several internship and career opportunities. Advanced undergraduate students with good academic records are encouraged to apply for teaching or learning assistant positions. In addition to a stipend, students gain teaching experience and the opportunity to help others become interested in biology.

Biology majors can enroll in courses that provide credit for structured internships through collaborations with various local organizations, including the Missouri Botanical Garden, Saint Louis Zoo, Sigma Aldrich, Monsanto and firms in the growing biotechnology field.

Careers

The biology major develops strong critical thinking and problem-solving skills that provide excellent preparation for professional schools, such as:

- Medical school
- · Veterinary science school
- · Dental school
- · Optometry school
- · Graduate school in a broad range of disciplines

The skills biology majors gain also open the door to a wide variety of career options in health care, biotechnology, environmental management, conservation, education and the pharmaceutical industry.

Recent biology majors have been awarded grants from Sigma Xi and the National Science Foundation and prestigious fellowships from the NSF, Fulbright Scholar Program, Mayo Clinic, Smithsonian Institution, NeuroSURF and the American Society for Microbiology.

Admission Requirements

Begin Your Application (http://www.slu.edu/apply.php)

Saint Louis University also accepts the Common Application.

Freshman

All applications are thoroughly reviewed with the highest degree of individual care and consideration to all credentials that are submitted. Solid academic performance in college preparatory coursework is a primary concern in reviewing a freshman applicant's file.

To be considered for admission to any Saint Louis University undergraduate program, applicants must be graduating from an

accredited high school, have an acceptable HiSET exam score or take the General Education Development (GED) test.

Transfer

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED.

Students who have attempted fewer than 24 semester credits (or 30 quarter credits) of college credit must follow the above freshmen admission requirements. Students who have completed 24 or more semester credits (or 30 quarter credits) of college credit must submit transcripts from all previously attended college(s).

In reviewing a transfer applicant's file, the Office of Admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University. Where applicable, transfer students will be evaluated on any courses outlined in the continuation standards of their preferred major.

International Applicants

All admission policies and requirements for domestic students apply to international students along with the following:

- Demonstrate English Language Proficiency (https://catalog.slu.edu/ academic-policies/office-admission/undergraduate/englishlanguage-proficiency/)
- · Proof of financial support must include:
 - A letter of financial support from the person(s) or sponsoring agency funding the time at Saint Louis University
 - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of study at the University
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Tuition

Tuition	Cost Per Year
Undergraduate Tuition	\$52,260

Additional charges may apply. Other resources are listed below:

Net Price Calculator (https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php)

Information on Tuition and Fees (https://catalog.slu.edu/academic-policies/student-financial-services/tuition/)

Miscellaneous Fees (https://catalog.slu.edu/academic-policies/student-financial-services/fees/)

Information on Summer Tuition (https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/)

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- Scholarships: Scholarships are awarded based on academic achievement, service, leadership and financial need.
- Financial Aid: Financial aid is provided through grants and loans, some of which require repayment.

Saint Louis University makes every effort to keep our education affordable. In fiscal year 2022, 99% of first-time freshmen and 90% of all students received financial aid (https://www.slu.edu/financial-aid/) and students received more than \$445 million in aid University-wide.

For priority consideration for merit-based scholarships, apply for admission by December 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit www.slu.edu/financial-aid (https://www.slu.edu/financial-aid/).

Learning Outcomes

- Graduates will be able to effectively apply core biological concepts to solve problems.
- 2. Graduates will be able to critically evaluate scientific information from multiple sources, including that from the primary literature.
- Graduates will be able to apply biological principles to global societal issues.
- Graduates will be able to draw valid conclusions from quantitative data
- Graduates will be able to formulate hypotheses that address research questions.
- Graduates will be able to correctly perform common laboratory and/ or field techniques.
- 7. Graduates will be able to effectively apply the scientific method to test hypotheses.

Requirements

Biology students must complete a minimum total of **74 credits** for the major.

Code Title Credits
University Undergraduate Core (https://catalog.slu.edu/academic- 32-35
policies/academic-policies-procedures/university-core/)

Major Requirements Required Introductory Courses **BIOL 1240** General Biology: Information Flow and Evolution 4 & BIOL 1245 and Principles of Biology I Laboratory **BIOL 1260** General Biology: Transformations of Energy and & BIOL 1265 Matter and Principles of Biology II Laboratory **BIOL 3010** 3 **Evolutionary Biology** 3 **BIOL 3020** Biochemistry and Molecular Biology **BIOL 3030 Principles of Genetics** 3 CHEM 1110 General Chemistry 1 4 & CHEM 1115 and General Chemistry 1 Laboratory **CHEM 1120** General Chemistry 2 4 & CHEM 1125 and General Chemistry 2 Laboratory MATH 1510 Calculus I 4 Statistics Course **MATH 1300** 3-4 **Elementary Statistics with Computers** or BIOL 4790 Biometry

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Laboratory Requirement

All B.S. students must either.

 Complete at least three structured laboratory experiences with at least one from the cellular, molecular and developmental biology category and one from the ecology, evolutionary and organismal biology category of courses (see below).

OR

2. Complete four structured laboratory experiences without regard to category type.

In addition, B.S. students must complete at least one plant science course and one of several senior inquiry options.

Independent Research

A total of 4 credits of BIOL 4960 Independent Research, BIOL 4970 Library Project, and/or BIOL 4980 Advanced Independent Study can be counted toward the B.S. degree. These courses do not count as structured lab courses.

Biological Chemistry and Molecular Biology Concentration

Didiogy '		
Code	Title Cı	edits
Required Cour	se	
BIOL 3040	Cell Structure & Function	3
Select two cou Elective' attribu	rses with a 'Biological Chemistry/Molecular Biology rte.	6
Select two coul attribute.	rses with a 'Biological Chemistry/Molecular Biology Lab'	3-6
Ecology, Evolu (p. 5)	tionary and Organismal Biology Elective with Lab	4-5
Plant Elective	(p. 5)	3-5
Biology Electiv concentration)	re Courses (a minimum of 26 credits is required for the	e 1-7
Total Credits		26
Code	Title Cr	edits
'Biological Che	mistry/Molecular Biology Elective' Attribute	
BIOL 4700	Molecular Biology	3
BIOL 4070	Advanced Biological Chemistry	3
BIOL 4030	Introduction to Genomics	3
BIOL 4430	Principles of Virology	3
BIOL 4520	Biochemical Pharmacology	3
BIOL 4650	General Microbiology Laboratory	2
BIOL 4720	Cancer Biology	3
Code	Title Ci	edits
'Biological Che	emistry/Molecular Biology Lab' Attribute	
BIOL 3060	Cell Structure & Function Laboratory	1
BIOL 3100	Experiments in Genetics Lab	1
BIOL 4050	Molecular Technique Lab	2
BIOL 4160	Microbial Ecology and Molecular Evolution	4
BIOL 4650	General Microbiology Laboratory	2

Biological Sciences Concentration

Code	Title	Credits
Required Course		
BIOL 3040	Cell Structure & Function	3
Cellular, Molecula	ar & Developmental Biology Elective with Lab	4-5
Ecology, Evolutio (p. 5)	nary and Organismal Biology Elective with Lab	4-5
	ar, Molecular & Developmental Biology or Ecology Organismal Biology Lab or BIOL 4790	, 1-5
Plant Elective (p.	5)	3-5
Biology Elective (concentration)	Courses (a minimum of 26 credits is required for t	the 3-11
Total Credits		26

Cell Biology and Physiology Concentration

Code Required Cours	Title es	Credits
BIOL 3040	Cell Structure & Function	3
BIOL 4540	Human Systemic Physiology	3

Select one cours	e with a 'Cell Biology-Related Lab' attribute	1-4
Select one cours	e with a 'Physiology-Related Lab' attribute.	1-5
Ecology, Evolution (p. 5)	onary and Organismal Biology Elective with Lab	4-5
Select two cours attribute.	es with a 'Cell Biology & Physiology Elective'	6-9
Plant Elective (p.	. 5)	3-5
Biology Elective concentration)	Courses (a minimum of 26 credits is required for th	ne 0-5
Total Credits		26-34
Code	Title	Credits
'Cell Biology/Phy	ysiology Elective' Attribute	
BIOL 3400X	Introduction to Neuroscience 1: Cellular, Molecul and Systemic	ar 3
BIOL 3420	Comparative Anatomy of the Vertebrates	0,5
BIOL 3490	Plant Physiology	3
BIOL 4160	Microbial Ecology and Molecular Evolution	4
BIOL 4250	Neurobiology of Disease	3
BIOL 4410	Comparative Animal Physiology	3
BIOL 4430	Principles of Virology	3
BIOL 4440	Vertebrate Histology: Structure and Function of Tissues	4
BIOL 4460	Exercise Physiology	3
BIOL 4510	Behavioral Endocrinology	3
BIOL 4520	Biochemical Pharmacology	3
BIOL 4600	Developmental Biology	3
BIOL 4630	Foundations of Immunobiology	3
BIOL 4640	General Microbiology	3
BIOL 4720	Cancer Biology	3
Code	Title (Credits
	ated Lab' Attribute	
BIOL 3420	Comparative Anatomy of the Vertebrates	0,5
BIOL 3470	General Physiology Laboratory	1
BIOL 3550X	Neuroscience Laboratory	1
BIOL 4440	Vertebrate Histology: Structure and Function of Tissues	0,4
Code	Title (Credits
	ated Lab' Attribute	
BIOL 3060	Cell Structure & Function Laboratory	1
BIOL 3550X	Neuroscience Laboratory	1
BIOL 4160	Microbial Ecology and Molecular Evolution	4
BIOL 4050	Molecular Technique Lab	2
BIOL 4600	Developmental Biology	3
BIOL 4635	Immunobiology Lab	1
BIOL 4650	General Microbiology Laboratory	2
Feelogy F	Evolution and Conservation	

Ecology, Evolution and Conservation Concentration

Code	Title	Credits
Required Course		
BIOL 4750	General Ecology	3

	e with an 'Ecology Elective' attribute.	3-5
•	ar & Developmental Biology Elective with Lab	4-5
	e with an 'Evolution Elective' attribute.	3-5
	e with an 'Organismal Elective' attribute.	3-5
	e with a 'Tools Elective' attribute	2-4
(p. 5)	nary and Organismal Biology Elective with Lab	4-5
Plant Elective (p.	,	3-5
	Courses (a minimum of 26 credits is required for	the 0-1
concentration)		
Total Credits		26-37
Code	Title	Credits
'Evolution Electiv	ve' Attriute	
BIOL 3420	Comparative Anatomy of the Vertebrates	5
BIOL 4010	Sex, Evolution, and Behavior	3
BIOL 4120	Field Botany	5
BIOL 4410	Comparative Animal Physiology	3
BIOL 4580	Applied Population Genetics	3
BIOL 3450	Economic Botany	3
Code	Title	Credits
'Organismal Elec	tive' Attribute	
BIOL 3220	Biology of Invertebrates	4
BIOL 3260	Biology of Plants & Fungi	4
BIOL 3450	Economic Botany	3
BIOL 4100	Natural History of Vertebrates	4
BIOL 4130	Field Mammalogy	5
BIOL 4140	Field Ornithology	5
BIOL 4240	General and Medical Entomology	4
BIOL 4260	Biology of Amphibians and Reptiles	4
BIOL 4280	Biology of Fishes	4
BIOL 4330	Spring Flora of the Ozarks	4
BIOL 4410	Comparative Animal Physiology	3
BIOL 4640	General Microbiology	3
Code	Title	Credits
Ecology Elective		
BIOL 4090	Plant Ecology	3
BIOL 4140	Field Ornithology	5
BIOL 4200	Aquatic Ecology	4
BIOL 4360	Animal Behavior	3
BIOL 4480	Conservation Biology	3
BIOL 4670	Population Biology	3
Plant Scie	ence Concentration	

Code	Title	Credits
Required Courses	•	
BIOL 3040	Cell Structure & Function	3
BIOL 3260	Biology of Plants & Fungi	4
BIOL 3490	Plant Physiology	3
BIOL 4090	Plant Ecology	3
Cellular, Molecula	r & Developmental Biology Elective with Lab	4-5

Additional Cellular, Molecular & Developmental Biology or Ecology, **Evolutionary and Organismal Biology Lab or BIOL 4790**

Biology Elective Courses (a minimum of 26 credits is required for the 3-8 concentration)

Total Credits	26
Total Credits	2

Code	Title	Credits
Cellular, Molecula	ar, and Developmental Biology Electives with Lab	b
BIOL 3060	Cell Structure & Function Laboratory	1
BIOL 3100	Experiments in Genetics Lab	1
BIOL 3420	Comparative Anatomy of the Vertebrates	5
BIOL 3470	General Physiology Laboratory	1
BIOL 4050	Molecular Technique Lab	2
BIOL 4070	Advanced Biological Chemistry	3
BIOL 4160	Microbial Ecology and Molecular Evolution	4
BIOL 4410	Comparative Animal Physiology	3
BIOL 4440	Vertebrate Histology: Structure and Function o Tissues	f 4
BIOL 4510	Behavioral Endocrinology	3
BIOL 4600	Developmental Biology	3
BIOL 4640 & BIOL 4650	General Microbiology and General Microbiology Laboratory	5

Program Notes:

Ecology, Evolutionary and Organismal Biology Elective with Lab

Code	Title	Credits
BIOL 3220	Biology of Invertebrates	4
BIOL 3260	Biology of Plants & Fungi	4
BIOL 3420	Comparative Anatomy of the Vertebrates	5
BIOL 4100	Natural History of Vertebrates	4
BIOL 4115	Forest Park Living Lab Field Ecology Technique	es 1
BIOL 4120	Field Botany	5
BIOL 4130	Field Mammalogy	5
BIOL 4140	Field Ornithology	5
BIOL 4160	Microbial Ecology and Molecular Evolution	4
BIOL 4200	Aquatic Ecology	4
BIOL 4260	Biology of Amphibians and Reptiles (with Lab)	4
BIOL 4280	Biology of Fishes	4
BIOL 4320	Cave Biology	4
BIOL 4330	Spring Flora of the Ozarks	4
BIOL 4360 & BIOL 4370	Animal Behavior and Animal Behavior Lab	4
BIOL 4750 & BIOL 4760	General Ecology and General Ecology Laboratory	4

Plant Elective*

Code	Title	Credits
BIOL 3260	Biology of Plants & Fungi	4
BIOL 3450	Economic Botany	3
BIOL 3490	Plant Physiology	3
BIOL 4090	Plant Ecology	3

BIOL 4330	Spring Flora of the Ozarks	4
BIOL 4120	Field Botany	5

* Plant electives with labs may also fulfill the Ecology, Evolutionary, and Organismal Biology elective requirement or Cell, Molecular, and Developmental Biology elective requirement.

Non-Course Requirements

All biology majors are required to participate in first- and second-year mentoring sessions and meet with their mentor when in residence.

Continuation Standards

Students must have a minimum of a 2.00 GPA in their major courses (BIOL) and required related credits (chemistry, mathematics and statistics, physics, etc.) by the conclusion of their freshman year. Students who fall below a 2.00 GPA will be placed on probation. If a student fails to obtain at least a 2.00 GPA in their major courses (BIOL) and required related credits by the conclusion of their sophomore year they will not be allowed to continue in the program.

Graduation Requirements

- · Complete a minimum of 120 credits (excluding pre-college level courses numbered below 1000).
- · Complete the University Undergraduate Core curriculum requirements.
- Complete major requirements: minimum of 30 credits required.
- · Complete remaining credits with a second major, minor, certificate and/or electives to reach the minimum of 120 credits required for
- Achieve at least a 2.00 cumulative grade point average, a 2.00 grade point average in the major(s), and a 2.00 grade point average in the minor/certificate, or related elective credits.
- Complete department-/program-specific academic and performance requirements.
- Complete at least 50% of the coursework for the major and 75% for the minor/certificate through Saint Louis University or an approved study abroad program.
- Complete 30 of the final 36 credits through Saint Louis University or an approved study abroad program.
- · Complete an online degree application by the required University deadline.

Roadmap **Biological Chemistry and Molecular Biology**

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution and Principles of Biology I Laboratory (BIOL 1240 satisfies CORE 3800)	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4

CORE 1000	Ignite First Year Seminar (Must be taken in first 36 credit hours at SLU / Cannot carry	2-3	Spring	ological Chemistry/Molecular Riology	1-2
	attributes)		Course with a 'Biological Chemistry/Molecular Biology Elective' attribute		1-2
CORE 1500	Cura Personalis 1: Self in Community (Must	1	BIOL Elective		3
	be taken in first 36 credit hours at SLU / Cannot carry attributes / Must be taken at		CHEM, EAS, or PI	HYS course w/lab	4
	SLU)		CORE 3600	Ways of Thinking: Social and Behavioral Sciences	3
CORE 1900	Eloquentia Perfecta 1: Written and Visual Communication (Should be taken in first	3	CORE 4000	Collaborative Inquiry	2-3
	36 credit hours at SLU / Cannot carry		General Electives	5	2
	attributes)			Credits	15-17
General Elective	es	1	Year Four		
	Credits	15-16	Fall		
Spring			Course with a 'Bi	ological Chemistry/Molecular Biology	3
Participation in	First-year Mentoring Events		Elective' attribute		
BIOL 1260	General Biology: Transformations of Energy	4	Laboratory EEOB	Elective	1-5
& BIOL 1265	and Matter		Plant Elective		3
	and Principles of Biology II Laboratory		CORE 3500	Cura Personalis 3: Self in the World	1
CHEM 1120	General Chemistry 2	4	General Electives	S	7-3
& CHEM 1125	and General Chemistry 2 Laboratory			Credits	15
MATH 1510	Calculus I (satisfies CORE 3200)	4	Spring		
CORE 1600	Ultimate Questions: Theology	3	Biology Elective		3
	Credits	15		ological Chemistry/Molecular Biology Lab'	1-4
Year Two			attribute		
Fall			Senior Inquiry		1-3
	Second-year Mentoring		General Electives	3	10-5
BIOL 3020	Biochemistry and Molecular Biology	3		Credits	15
CHEM, EAS, or	PHYS course w/lab	4		Total Credits	120-125
CORE 1700	Ultimate Questions: Philosophy	3			
CORE 1200	Eloquentia Perfecta 2: Oral and Visual Communication	3	Biological Course	Sciences Title	Credits
General Elective	es	2	Year One	ritte	Greuns
	Credits	15	Fall		
Spring			BIOL 1240	General Biology: Information Flow and	4
BIOL 3040	Cell Structure & Function	3	& BIOL 1245	Evolution	4
CHEM, EAS, or	PHYS course w/lab	4		and Principles of Biology I Laboratory	
Statistics	MATH 1300 or BIOL 4790	3-4		(BIOL 1240 satisfies CORE 3800)	
Elective			CHEM 1110	General Chemistry 1	4
CORE 2500	Cura Personalis 2: Self in Contemplation	0	& CHEM 1115	and General Chemistry 1 Laboratory	
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3	CORE 1000	Ignite First Year Seminar (Must be taken in	2-3
General Elective	es	2		first 36 credit hours at SLU / Cannot carry	
	Credits	14-16	00DE 1500	attributes)	-
Year Three			CORE 1500	Cura Personalis 1: Self in Community (Must be taken in first 36 credit hours at SLU /	1
Fall				Cannot carry attributes)	
BIOL 3010	Evolutionary Biology	3	CORE 1900	Eloquentia Perfecta 1: Written and Visual	3
BIOL 3030	Principles of Genetics	3	502 . 500	Communication (Should be taken in first	J
Course with a 'Elective' attribu	Biological Chemistry/Molecular Biology Ite	3		36 credit hours at SLU / Cannot carry attributes)	
CHEM, EAS, or	PHYS course w/lab	4	General Electives	3	1
CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3	_	Credits	15-16
	Guitare		Spring		

BIOL 1260	General Biology: Transformations of Energy	4	Spring		
& BIOL 1265	and Matter		Biology Elective		3
	and Principles of Biology II Laboratory		Laboratory CMDB or EEOB Elective		1-5
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4	Senior Inquiry		1-3
MATH 1510	Calculus I (satisfies CORE 3200)	4	General Elective	s	10-4
CORE 1600	Ultimate Questions: Theology	3		Credits	15
COTIL 1000	Credits	15		Total Credits	121-130
Year Two	Greats	13	0 II D. 1	0.01	
Fall			Cell Riolo	gy & Physiology	
	Second-year Mentoring		Course	Title	Credits
BIOL 3020	Biochemistry and Molecular Biology	3	Year One		
	HYS course w/lab	4	Fall		
CORE 1700	Ultimate Questions: Philosophy	3	BIOL 1240	General Biology: Information Flow and	4
CORE 1200	Eloquentia Perfecta 2: Oral and Visual	3	& BIOL 1245	Evolution	
	Communication			and Principles of Biology I Laboratory (BIOL 1240 satisfies CORE 3800)	
General Elective	s	2	CHEM 1110	General Chemistry 1	4
	Credits	15	& CHEM 1115	and General Chemistry 1 Laboratory	·
Spring			CORE 1000	Ignite First Year Seminar (Must be taken in	2-3
BIOL 3040	Cell Structure & Function	3		first 36 credit hours at SLU / Cannot carry	
CHEM, EAS, or P	HYS course w/lab	4		attributes)	
Statistics	MATH 1300 or BIOL 4790	3-4	CORE 1500	Cura Personalis 1: Self in Community (Must	1
Elective				be taken in first 36 credit hours at SLU / Cannot carry attributes)	
CORE 2500	Cura Personalis 2: Self in Contemplation	0	CORE 1900	Eloquentia Perfecta 1: Written and Visual	3
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3	CONE 1900	Communication (Should be taken in first	3
General Elective		3		36 credit hours at SLU / Cannot carry	
	Credits	15-17		attributas)	
				attributes)	
Year Three			General Elective	,	1
Fall	5 1 8:1	0	General Elective	,	1 15-16
Fall BIOL 3010	Evolutionary Biology	3	General Elective	s	
Fall BIOL 3010 BIOL 3030	Evolutionary Biology Principles of Genetics	3	Spring Participation in	Credits First-year Mentoring Events	
Fall BIOL 3010 BIOL 3030 Biology Elective	Principles of Genetics	3	Spring Participation in BIOL 1260	Credits First-year Mentoring Events General Biology: Transformations of Energy	
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P	Principles of Genetics HYS course w/lab	3 3 4	Spring Participation in	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter	15-16
Fall BIOL 3010 BIOL 3030 Biology Elective	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and	3	Spring Participation in BIOL 1260 & BIOL 1265	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory	15-16 4
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P	Principles of Genetics PHYS course w/lab Ways of Thinking: Aesthetics, History, and Culture	3 3 4 3	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2	15-16
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and	3 3 4	Spring Participation in BIOL 1260 & BIOL 1265	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory	15-16 4
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring	Principles of Genetics PHYS course w/lab Ways of Thinking: Aesthetics, History, and Culture	3 4 3	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200)	15-16 4 4
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective	Principles of Genetics PHYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits	3 3 4 3 16	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory	15-16 4 4
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective	3 3 4 3 16	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology	15-16 4 4 4 3
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab	3 3 4 3 16	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology	15-16 4 4 4 3
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective	3 4 3 16 3 1-2 4	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology	15-16 4 4 4 3
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral	3 4 3 16 3 1-2 4	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits	15-16 4 4 4 3
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600	Principles of Genetics PHYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective PHYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry	3 4 3 16 3 1-2 4 3	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000	Principles of Genetics PHYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective PHYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry	3 4 3 16 3 1-2 4 3	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology	15-16 4 4 4 3
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry	3 4 3 16 3 1-2 4 3 2-3 2	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or F	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry	3 4 3 16 3 1-2 4 3 2-3 2	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or F	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective Year Four	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry	3 4 3 16 3 1-2 4 3 2-3 2	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or F	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy Eloquentia Perfecta 2: Oral and Visual Communication	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective Year Four Fall	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry S Credits	3 4 3 16 3 1-2 4 3 2-3 2 15-17	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or FCORE 1700 CORE 1200 General Elective	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy Eloquentia Perfecta 2: Oral and Visual Communication	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective Year Four Fall Biology Elective	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry S Credits	3 4 3 16 3 1-2 4 3 2-3 2 15-17	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or FCORE 1700 CORE 1200	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy Eloquentia Perfecta 2: Oral and Visual Communication S Credits	15-16 4 4 4 3 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective Year Four Fall Biology Elective Laboratory EEOE	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry S Credits	3 4 3 16 3 1-2 4 3 2-3 2 15-17	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or FCORE 1700 CORE 1200 General Elective Spring BIOL 3040	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy Eloquentia Perfecta 2: Oral and Visual Communication S Credits Cell Structure & Function	15-16 4 4 4 3 15 3 4 3 15 3 3 4 3 3 3 3 2 15
Fall BIOL 3010 BIOL 3030 Biology Elective CHEM, EAS, or P CORE 3400 Spring Biology Elective Laboratory CMD CHEM, EAS, or P CORE 3600 CORE 4000 General Elective Year Four Fall Biology Elective Laboratory EEOE Plant Elective	Principles of Genetics HYS course w/lab Ways of Thinking: Aesthetics, History, and Culture Credits B Elective HYS course w/lab Ways of Thinking: Social and Behavioral Sciences Collaborative Inquiry S Credits B Elective Cura Personalis 3: Self in the World	3 4 3 16 3 1-2 4 3 2-3 2 15-17	Spring Participation in BIOL 1260 & BIOL 1265 CHEM 1120 & CHEM 1125 MATH 1510 CORE 1600 Year Two Fall Participation in BIOL 3020 CHEM, EAS, or FCORE 1700 CORE 1200 General Elective Spring BIOL 3040	Credits First-year Mentoring Events General Biology: Transformations of Energy and Matter and Principles of Biology II Laboratory General Chemistry 2 and General Chemistry 2 Laboratory Calculus I (satisfies CORE 3200) Ultimate Questions: Theology Credits Second-year Mentoring Biochemistry and Molecular Biology PHYS course w/lab Ultimate Questions: Philosophy Eloquentia Perfecta 2: Oral and Visual Communication S Credits	15-16 4 4 4 3 15

& CHEM 1115

CORE 1000

and General Chemistry 1 Laboratory

attributes)

Ignite First Year Seminar (Must be taken in

first 36 credit hours at SLU / Cannot carry

CHEM 1110	General Chemistry 1	4	Spring		
	and Principles of Biology I Laboratory (BIOL 1240 satisfies CORE 3800)			Culture Credits	17
BIOL 1240 & BIOL 1245	General Biology: Information Flow and Evolution	4	CORE 3400	Ways of Thinking: Aesthetics, History, and	3
Fall	Company Distance Information 51		CHEM, EAS, or P	HYS course w/lab	4
Year One			& BIOL 4760	and General Ecology Laboratory	
Course	Title	Credits	BIOL 4750	General Ecology	4
			BIOL 3030	Principles of Genetics	3
Feelogy	Evolution & Conservation		Fall BIOL 3010	Evolutionary Biology	3
	Total Credits	121-128	Year Three		
	Credits	15		Credits	15-18
General Electiv	res	9-2	General Electives	S	3
Senior Inquiry		1-3	CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
Laboratory CM	IDB or EEOB Elective	1-5	CORE 2500	Cura Personalis 2: Self in Contemplation	0
Laboratory EE0	OB Elective	4-5	Elective		
Spring	orcans	10	Statistics	MATH 1300 or BIOL 4790	3-4
	Credits	15	CHEM, EAS, or P	HYS course w/lab	4
General Electiv		5	biology Liective	CMDB elective	5-4
CORE 3500	Cura Personalis 3: Self in the World	1	Spring Biology Elective	Many EEC students take BIOL 3040 as an	3-4
Plant Elective		3	Chrina	Credits	15
BIOL Elective	ell Biology/Physiology Elective' attribute	3	General Electives		2 15
	all Rialogy/Physiology Floatiya' attributa	2	Caparal Flacting		2
Year Four Fall			CORE 1200	Eloquentia Perfecta 2: Oral and Visual Communication	3
V	Credits	15-19	CORE 1700	Ultimate Questions: Philosophy	3
CORE 4000	Collaborative Inquiry	2-3	CHEM, EAS, or PHYS course w/lab		4
CORE 4000	Sciences Collaborative Inquiry	2.2	BIOL 3020	Biochemistry and Molecular Biology	3
CORE 3600	Ways of Thinking: Social and Behavioral	3		Second-year Mentoring	
	PHYS course w/lab	4	Fall		
	hysiology-Related Lab' attribute	2-5	Year Two		
	ell-Related' attribute	1		Credits	15
BIOL 3030	Principles of Genetics	3	CORE 1600	Ultimate Questions: Theology	3
Spring			MATH 1510	Calculus I (satisfies core 3200)	4
	Credits	16	& CHEM 1125	and General Chemistry 2 Laboratory	
	Culture		CHEM 1120	General Chemistry 2	4
CORE 3400	Ways of Thinking: Aesthetics, History, and	3	& DIOL 1200	and Principles of Biology II Laboratory	
	PHYS course w/lab	4	BIOL 1260 & BIOL 1265	General Biology: Transformations of Energy and Matter	4
BIOL 4540	Human Systemic Physiology	3		First-year Mentoring Events	
	ell Biology/Physiology Elective' attribute	3	Spring		
Fall BIOL 3010	Evolutionary Biology	3		Credits	15-16
Year Three			General Electives	S	1
	Credits	15-17		attributes)	
General Electiv		3		Communication (Should be taken in first 36 credit hours at SLU / Cannot carry	
CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3	CORE 1900	Eloquentia Perfecta 1: Written and Visual	3
CORE 2500	Cura Personalis 2: Self in Contemplation	0		Cannot carry attributes)	
Elective	MATH 1300 OF BIOL 4790	3-4	CORE 1500	be taken in first 36 credit hours at SLU /	ı
Statistics	MATH 1300 or BIOL 4790	3-4	CORE 1500	Cura Personalis 1: Self in Community (Must	1

2-3

Course with a 'Evolution Elective' attribute

Laboratory CMDB Elective

CHEM, EAS, or PHYS course w/lab

Course with a 'Organismal Elective' attribute

3-4

3-4

1-2

4

CORE 3600	Ways of Thinking: Social and Behavioral	3	BIOL 3020	Biochemistry and Molecular Biology	3
	Sciences		CHEM, EAS, or I	PHYS course w/lab	4
CORE 4000	Collaborative Inquiry	2-3	CORE 1700	Ultimate Questions: Philosophy	3
	Credits	16-20	CORE 1200	Eloquentia Perfecta 2: Oral and Visual	3
Year Four				Communication	
Fall			General Elective	es	2
Course with a 'To	ools Elective' attribute	2-4		Credits	15
Plant Elective		3	Spring		
CORE 3500	Cura Personalis 3: Self in the World	1	BIOL 3040	Cell Structure & Function	3
General Elective	s	9	CHEM, EAS, or	PHYS course w/lab	4
Spring	Credits	15-17	Statistics Elective	MATH 1300 or BIOL 4790	3-4
	cology Elective' attribute	3	CORE 2500	Cura Personalis 2: Self in Contemplation	0
	B or EEOB Elective	1-5	CORE 2800	Eloquentia Perfecta 3: Creative Expression	2-3
Senior Inquiry		1-3	General Elective	es	3
General Elective	S	7		Credits	15-17
	Credits	12-18	Year Three		
	Total Credits	120-136	Fall		
	iotal Credits	120-130	BIOL 3010	Evolutionary Biology	3
Plant Scio	ence		BIOL 4090	Plant Ecology	3
	Title	Credits	Laboratory CMI	DB Elective	1-2
Course	ritte	Credits		PHYS course w/lab	4
Year One Fall			CORE 3400	Ways of Thinking: Aesthetics, History, and Culture	3
BIOL 1240	General Biology: Information Flow and	4	General Electives		1
& BIOL 1245	Evolution		Credits		15-16
	and Principles of Biology I Laboratory (BIOL 1240 satisfies CORE 3800)		Spring	oreuits	13-10
CHEM 1110	General Chemistry 1	4	BIOL 3490	Plant Physiology	3
& CHEM 1115	and General Chemistry 1 Laboratory	-	BIOL 3030	Principles of Genetics	3
CORE 1000	Ignite First Year Seminar (Must be taken in	2-3		PHYS course w/lab	4
	first 36 credit hours at SLU / Cannot carry attributes)		CORE 3600	Ways of Thinking: Social and Behavioral Sciences	3
CORE 1500	Cura Personalis 1: Self in Community (Must	1	CORE 4000	Collaborative Inquiry	2-3
	be taken in first 36 credit hours at SLU /		00112 4000	Credits	15-16
	Cannot carry attributes)		Year Four	oreans	13 10
CORE 1900	Eloquentia Perfecta 1: Written and Visual	3	Fall		
	Communication (Should be taken in first 36 credit hours at SLU / Cannot carry		BIOL Elective	Many Plant Science concentration	3
	attributes)		DIOL LICCIIVE	students chose to take BIOL 3450 as a	3
General Elective	,	1		BIOL elective	
	Credits	15-16	BIOL Elective		3
Spring	oreano	.0.10	Laboratory CMI	DB or EEOB Elective	1-2
	First-year Mentoring Events		CORE 3500	Cura Personalis 3: Self in the World	1
BIOL 1260	General Biology: Transformations of Energy	4	General Elective	es	7
& BIOL 1265	and Matter	•		Credits	15-16
	and Principles of Biology II Laboratory		Spring		
CHEM 1120	General Chemistry 2	4	BIOL 3260	Biology of Plants & Fungi	4
	and General Chemistry 2 Laboratory		BIOL Elective		3
& CHEM 1125		4	Senior Inquiry		1-3
& CHEM 1125 MATH 1510	Calculus I (satisfies CORE 3200)				
	Calculus I (satisfies CORE 3200) Ultimate Questions: Theology	3	General Elective	es	7
MATH 1510	,	3 15		es Credits	7 15-17
MATH 1510	Ultimate Questions: Theology				

Participation in Second-year Mentoring

2+SLU

2+SLU programs are formal transfer agreements for students seeking an associate degree at a partner institution.

• Biology, B.S. (STLCC 2+SLU) (https://catalog.slu.edu/academic-policies/office-admission/undergraduate/2plusslu/stlcc/biology-bs/)