

**Biology Major – Teaching 2019
(Extended Program: 131 hrs.)
2019-2020**

Name _____ Student ID # _____
 Second Major _____ Minor 1 _____
 Transferred _____ credits from _____ Advisor _____

NOTE: Student MUST satisfy the Biology Mathematics requirement in addition to LAC math!

Required Biology

Introductory Track
 F/Sp BIOL2051 Organismal Diversity 4 _____
 F/Sp BIOL 2052 Cell Structure/Function 4 _____
 F/Sp BIOL 3100 Evol, Ecol, & NOS 3 _____
 F/Sp BIOL 3140 Genetics 4 _____

Evolutionary Biology
 Sp BIOL 4142 Evolutionary Bio. 3 _____

Plant Group: select one option from the 4 _____
 following list: (see “note” below)
 BIOL 3120; BIOL 4122; BIOL 4166; BIOL 4172

Animal Group: select one option from the 4 _____
 following list:***
 BIOL 3106; BIOL 4114; BIOL 4146

Cellular Group: select one option from the 4 _____
 following list:
 BIOL 3151; BIOL 4128

Electives in Biology (3000-level or above,
 excluding BIOL 3101, and not duplicated
 as a choice above) 4 _____

Biology Total 34 Hrs.

**Note: At least 7-8 hours of biology credit must be
 4000-level, from groups or biology electives**

***Students who take BIOL 3101 and BIOL 3102 may
 substitute 4 hrs. of this for BIOL 4114 (in this case
 neither BIOL 3101 or BIOL 3102 can count as biology
 elective).

Required Cognate

F/Sp/Su CHEM 1110 Gen. Chemistry I** 4 _____
 F/Sp/Su CHEM 1120 Gen. Chemistry II 4 _____
 F/Sp CHEM 1040 App. & Biochem. 4 _____
 F/Sp/Su EARTHSCI 1320 Earth History 4 _____
 F/Sp/Su PHYSICS 1511 Gen. Physics I 4 _____

Cognate Total 20 Hrs.

Required Methods

F/Sp TEACHING 3129 Sec Class Manage 1 _____
 Sp *SCI ED 3300 Orient. to Sci. Teach. 4 _____
 F/Sp BIOL 3197 Undergrad Practicum 1 _____
 Sp *BIOL 4193 Methods Teach. Life Sci 3 _____

Methods Total 9 Hrs.

Total hours in the Major = 34 + 20 + 9 = 63

**Total additional hours Liberal Arts Core = 35 Hrs.
 (7 hrs. completed in the major, 3 hrs. completed in
 professional sequence)**

III A. Fulfilled by BIOL 2051
 III B. Fulfilled by CHEM 1110
 V C. Fulfilled by EDPSYCH 2030

Total hrs. Professional Sequence = 30 Hrs.

(see below)

** If CHEM 1130 General Chemistry I-II is taken for
 5 hrs., then 3 additional hrs. of Biology or Chemistry
 elective can be taken

* courses that have field experiences.

Professional Sequence

Level I

TEACHING 2017 Exploring Teaching 1 _____

ED PSYCH 2030 Dynamics of Human Devel. 3 _____

(fulfills LAC Category 5C)

Level II

TEACHING 3128 Teacher as Change Agent 1 _____

ED PSYCH 3148 Learning & Instruction 3 _____

MEASURES 3150 2 _____

Level III

SOC FOUND 3119 Schools & Amer. Society 3 _____

Licensure Requirements

SPED 3150 Needs Diverse Learners 2 _____

TEACHING 4170 Human Relations 3 _____

Student Teaching

TEACHING 3138 Secondary Teaching 12 _____

Class Assessment

First Year

Fall	Hours	Spring	Hours
BIOL 2051 or 2052	4	BIOL 2051 or 2052	4
CHEM 1110	4	CHEM 1120	4
Science Math or LAC Math	3-4	LAC or Science Math if needed	3-4
ENGLISH 1005	3	LAC	3
		COMM 1000	3
	14-15		17-18

Second Year

Fall	Hours	Spring	Hours
BIOL 3100 or 3140	3-4	BIOL 3100 or 3140	3-4
EARTHSCI 1320	4	CHEM 1040	4
TEACHING 2017	1	LAC	3
EDPSYCH 2030	3	LAC	3
LAC	3		
	14-15		13-14

Third Year

Fall	Hours	Spring	Hours
Plant, Animal or Cell	4	Plant, Animal or Cell	4
TEACHING 3128	1	SPED 3150	3
EDPSYCH 3148	3	LAC	3
MEASRES 3150	2	SCIED 3300	3
PHYSICS 1511	4		
LAC	3		
	17		13

Fourth Year

Fall	Hours	Spring	Hours
BIOL Elective	4	BIOL 3197	1
Plant, Animal or Cell	4	BIOL 4193	3
LAC	3	BIOL 4142	3
LAC	3	Capstone Experience	2-3
		SOCFOUND 3119	3
		TEACHING 4170	3
	14		15-16

Fifth Year

Fall	Hours
TEACHING 3138	12
	12

Total 131-134 Hours