

**2020-21 Biology and Secondary Education & Masters of Arts and Teaching**

**GENERAL EDUCATION**

**I. Foundational Intellectual Skills (12-13 hours)**

- \_\_\_ FYS110 First Year Seminar
- \_\_\_ ENG112 Writing and Community
- \_\_\_ COM101 Public Speaking
- \_\_\_ Mathematics

**II. Knowledge Acquisition (19-20 hours)**

- \_\_\_ Science 1XX with lab
- \_\_\_ HUM210 Meaning Through Culture
- \_\_\_ PHL 130 Human Nature & Person
- \_\_\_ Foreign Language

**One course from each group A and B:**

**Group A**

- \_\_\_ BUS109 Business Plan Competition
- \_\_\_ ECN200 Introductory Economics
- \_\_\_ HIS102 History of the Modern World
- \_\_\_ POL102 Introduction to American Politics

**Group B**

- \_\_\_ PSY101 General Psychology
- \_\_\_ PSY220 General Psychology (required for Education majors)
- \_\_\_ GST200 Introduction to Gender Studies
- \_\_\_ SOC101 Introduction to Sociology
- \_\_\_ SOC175 Introduction to Anthropology

**III. Faith, Ethics, and Foundation (6 hours)**

- \_\_\_ THL105 Introduction to Theology
- \_\_\_ Second Approved THL

**IV. Greater Depth Cluster**

- a. Completion of a minor or second major outside school (or department if College of Arts & Sciences)
- b. Completion of an interdisciplinary minor or concentration outside the first major. See catalog for approved programs.
- c. Focus on a specific theme (cluster) outside the major. See catalog for cluster course areas

**Total Earned General Education Hours** \_\_\_\_\_

**MAJOR 1 REQUIREMENTS (45 hours)**

- \_\_\_ EDU 190 Critical Service Learning I
- \_\_\_ EDU 224 Protocols of Effective Classroom Observation
- \_\_\_ SPD 230 Introduction to Special Education for General Education Teachers
- \_\_\_ EDU 290 Critical Service Learning II
- \_\_\_ EDU 307 Science of Learning
- \_\_\_ EDU 318 English Learners in Diverse and Inclusive Classrooms
- \_\_\_ EDU 351 Reading and Writing in the Content Areas
- \_\_\_ EDU 419 Best Practices for Teaching
- \_\_\_ EDU 255 Introduction to Schools and Society
- \_\_\_ EDU 390 Critical Service Learning III
- \_\_\_ EDU 446 Creating Positive Classroom Environments
- \_\_\_ EDU 490 Critical Service Learning IV
- \_\_\_ EDU 447 Assessment of Learning

**MAJOR 2 REQUIREMENTS (49 hours)**

- \_\_\_ BIO 202 Evolution and Ecology
- \_\_\_ CHE 151 General Chemistry 1
- \_\_\_ BIO 203 Molecular Genetics
- \_\_\_ CHE 152 General Chemistry 2
- \_\_\_ BIO 204 Cell Biology
- \_\_\_ PHY 110 General Physics 1
- \_\_\_ BIO 205 Statistical Analysis for Biologists
- \_\_\_ PHY 111 General Physics 1
- \_\_\_ BIO 291 Biology Career Seminar
- \_\_\_ BIO ELECTIVE
- \_\_\_ BIO ELECTIVE
- \_\_\_ BIO 490 Biology Seminar
- \_\_\_ BIO 491 Biology Capstone
- \_\_\_ BIO ELECTIVE

**MAT REQUIREMENTS (30 hours)**

- \_\_\_ EDU 505 Child Development and Observation
- \_\_\_ EDU 518 English Language Learners in Diverse and Inclusive Classrooms
- \_\_\_ EDU 530 Assessment of Learning
- \_\_\_ EDU 519 Best Practices in Teaching and Learning
- \_\_\_ EDU 543 Techniques for Reading and Literature Instruction
- \_\_\_ EDU 560 Internship
- \_\_\_ EDU 580 Special Topics
- \_\_\_ EDU 580 Special Topics
- \_\_\_ EDU 522 Best Practices in Science and Mathematics
- \_\_\_ EDU 560 Internship
- \_\_\_ EDU 592 Action Research in Education

**Total Earned Major 1 Hours** \_\_\_\_\_

**Total Earned Major 2 Hours** \_\_\_\_\_

**Total Earned Master Hours** \_\_\_\_\_

**Total Earned Minor/Elective Hours** \_\_\_\_\_

**TOTAL OVERALL EARNED HOURS** \_\_\_\_\_

## BA in Secondary Education and Biology 4 Year Plan† + MAT

Freshman Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 190	3	C	Major 1	EDU 224	3	C
Major 2	BIO 202	4	C	Major 2	BIO 203	4	C
Major 2	CHE 151	4	D	Major 2	CHE 152	4	D
General Education	FYS 110	3	D	General Education	COM 101	3	B-
				General Education	ENG 112	3	B-
General Education	Language	4	D				
<b>Semester Hours</b>	<b>18</b>			<b>Semester Hours</b>	<b>17</b>		
<b>Cumulative Hours</b>	<b>118</b>			<b>Cumulative Hours</b>	<b>35</b>		
Sophomore Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 290	1	C	Major 1	EDU 318	3	C
Major 1	EDU 307	3	C	Major 1	EDU 351	3	C
Major 1	SPD 230	3	C	Major 2	BIO 205	4	C
Major 2	BIO 204	4	C	Major 2	PHY 111	4	D
Major 2	PHY 110	4	D	Major 2	BIO 291	1	D
Elective	ELE	1	D	Elective	ELE	1	D
<b>Semester Hours</b>	<b>16</b>			<b>Semester Hours</b>	<b>16</b>		
<b>Cumulative Hours</b>	<b>51</b>			<b>Cumulative Hours</b>	<b>67</b>		
Junior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 419	3	C	Major 1	EDU 255	3	C
Major 2	BIO ELE	4	C	Major 1	EDU 390	3	C
General Education	THL 105	3	D	Major 1	EDU 446	3	C
General Education	PSY 220	3	D	Major 2	BIO ELE	4	C
General Education	POL/HIS/ECN	3	D	General Education	PHL 130	3	D
				Elective	ELE	3	D
<b>Semester Hours</b>	<b>16</b>			<b>Semester Hours</b>	<b>19</b>		
<b>Cumulative Hours</b>	<b>83</b>			<b>Cumulative Hours</b>	<b>102</b>		
Senior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 490	3	C	Major 1	EDU 447	3	C
Major 2	BIO 490	1	C	General Education	THL 200+	3	D
Major 2	BIO 491	1	C	Major 2	BIO ELE	4	C
General Education	ELE	3	D	General Education	ELE	5	D
General Education	HUM 210	3	D				
General Education	ELE	4	D				
MASTER	EDU 505	3	C	MASTER	EDU 518	3	D
<b>Semester Hours</b>	<b>15, 3</b>			<b>Semester Hours</b>	<b>15, 3</b>		
<b>Cumulative Hours</b>	<b>117, 3</b>			<b>Cumulative Hours</b>	<b>132, 6</b>		
Residency Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
MASTER	EDU 530	2	C	MASTER	EDU 522	3	C
MASTER	EDU 519	3	C	MASTER	EDU 580	3	C
MASTER	EDU 543	3	C	MASTER	EDU 560	2	C
MASTER	EDU 560	2	C	MASTER	EDU 592	3	C
MASTER	EDU 580	3	C				
<b>Semester Hours</b>	<b>13</b>			<b>Semester Hours</b>	<b>11</b>		
<b>Cumulative Hours</b>	<b>19</b>			<b>Cumulative Hours</b>	<b>30</b>		

† The 4-year plan above assumes that students enter into the program with:

1. Math ACT score of 21 or higher, Math SAT score of 570 or higher, OR Math placement score of 46-53.
2. Reading ACT score of 19 or higher, Reasoning/Verbal SAT score of 530 or higher, Or Reading comprehension score lower than 12.1
3. English ACT score of 21 or higher, SAT total score of 1200 or higher, OR writing Placement Test Score of 4 or higher.

\*A minimum 2.0 cumulative GPA and a minimum 2.0 major GPA are required for graduation, so monitor your GPA closely. To meet degree requirements, however Klipsch Educator College requires higher grades in each course and a higher cumulative GPA-please follow Pathway guidelines for coursework.

