

# SECONDARY EDUCATION (SECONDARY EDUCATION GENERAL SCIENCE) - BACHELOR OF SCIENCE IN EDUCATION

## A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1220G College Algebra and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

### First Year

Semester 1		Credits
ENGL 1110G	Composition I <sup>1</sup>	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1220G	College Algebra <sup>1</sup>	3
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory <sup>1</sup>	4
<b>Credits</b>		<b>14</b>

Students who need to enroll in 15 credits for Financial Aid purposes will need to take additional electives

### Semester 2

COMM 1115G	Introduction to Communication	3
MATH 1430G	Applications of Calculus I <sup>1</sup>	3
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors <sup>1</sup>	4
EDUC 1185	Introduction to Secondary Education and Youth	3
GEOG 1120G or GEOG 1130G	World Regional Geography or Human Geography	3
<b>Credits</b>		<b>16</b>

### Second Year

#### Semester 1

BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory <sup>1</sup>	4
ENGL 2221G	Writing in the Humanities and Social Science <sup>1</sup>	3
Area V: Any "G" Course with a HIST Prefix <sup>2</sup>		3
Area VI: Creative and Fine Arts Course <sup>2</sup>		3
Area IV: Social/Behavioral Science Course		3
<b>Credits</b>		<b>16</b>

#### Semester 2

CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors <sup>1</sup>	4
EDUC 3120	Multicultural Education	3
BIOL 301	Principles of Ecology <sup>1</sup>	3

SPED 3105	Introduction to Special Education in a Diverse Society	3
Area VI: Creative and Fine Arts Course <sup>2</sup>		3
<b>Credits</b>		<b>16</b>

### Third Year

#### Semester 1

APPLY TO TEACHER EDUCATION PROGRAM (TEP)

LIBR 311V	Information Literacy	3
EDLT 3110	Integrating Technology with Teaching	3
EDUC 3997	Secondary Field Experience (Fall Only)	3
BIOL 305	Principles of Genetics <sup>1</sup>	3
PHYS 2230G & PHYS 2230L	General Physics for Life Science I and Laboratory to General Physics for Life Science I	4
<b>Credits</b>		<b>16</b>

#### Semester 2

BLED 3120	Sheltered English Instruction for the ESL Classroom <sup>1</sup>	3
EDUC 4510	Data Literacy and Assessment (Spring Only) <sup>1</sup>	3
EDUC 4520	Contemporary Issues in Education (Spring Only) <sup>1</sup>	3
EDUC 4530	Science for Educators (Spring Only) <sup>1</sup>	3
PHYS 2240G & PHYS 2240L	General Physics for Life Science II and Laboratory to General Physics for Life Science II <sup>1</sup>	4
<b>Credits</b>		<b>16</b>

### Fourth Year

#### Semester 1

SUBMIT STEP PACKET

READ 4330	Content Area Literacy (Fall Only) <sup>1</sup>	3
EDUC 4410	Teaching Science at the Middle and High School Level (Fall Only) <sup>1</sup>	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society <sup>1</sup>	3
300-Level Plant Science Elective Course		3
BIOL 467	Evolution <sup>1</sup>	3
<b>Credits</b>		<b>15</b>

#### Semester 2

EDUC 4820	Secondary Student Teaching <sup>1</sup>	9
EDUC 4821	Middle and High School Student Teaching Seminar <sup>1</sup>	3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>121</b>

<sup>1</sup> These courses may have prerequisites and/or co-requisites, and it is the students responsibility for checking and fulfilling all those requirements.

<sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses.