

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

## A Suggested Plan of Study for Students

This roadmap assumes student placement in ENGL 1110G Composition I and the MATH course listed in Semester 1 of the First Year of each Teaching Field roadmap. 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.

## Teaching Field: Language Arts

First Year		Credits
<b>Semester 1</b>		
ENGL 1110G	Composition I <sup>1</sup>	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1220G	College Algebra <sup>1</sup>	3
or MATH 1250G	or Trigonometry & Pre-Calculus	
JOUR 105G	Media and Society	3
THEA 1110G	Introduction to Theatre	3
<b>Credits</b>		<b>16</b>
<b>Semester 2</b>		
COMM 1115G	Introduction to Communication	3
MATH 1130G	Survey of Mathematics <sup>1</sup>	3
or MATH 1430G	or Applications of Calculus I	
HIST 1160G	Western Civilization II	3
EDUC 1185	Introduction to Secondary Education and Youth	3
ENGL 2610	American Literature I	3
or ENGL 2620	or American Literature II	
<b>Credits</b>		<b>15</b>
<b>Second Year</b>		
<b>Semester 1</b>		
ENGL 2210G	Professional & Technical Communication <sup>1</sup>	3
HIST 1110G	United States History I	3
or HIST 1120G	or United States History II	
ENGL 2630	British Literature I	3
or ENGL 2640	or British Literature II	
SPED 3105	Introduction to Special Education in a Diverse Society	3
LIBR 311V	Information Literacy	3
Area III: Laboratory Science Course <sup>1</sup>		4
<b>Credits</b>		<b>19</b>
<b>Semester 2</b>		
EDLT 3110	Integrating Technology with Teaching	3
ENGL 310	Critical Writing	3
Choose one from the following:		3
ENGL 339V	Chicana/o Literature	
ENGL 380V	Women Writers	
ENGL 394V	Southwestern Literature	
SPED 4220	Classroom Management for Diverse Learners	3

BLER 3120	Sheltered English Instruction for the ESL Classroom	3
Area III: Laboratory Science Course <sup>1</sup>		4
<b>Credits</b>		<b>19</b>
<b>Third Year</b>		
<b>Semester 1</b>		
READ 3110	Instruction for Special Reading Needs	3
ENGL 408	Shakespeare I (Fall Only)	3
or ENGL 409	or Shakespeare II	
SPED 4120	High Incidence Disabilities in a Diverse Society (Fall Only)	3
ENGL 470	Approaches to Composition (Fall Only)	3
400-Level ENGL Literature Elective Course		3
One additional Area IV: Social/Behavioral Science Course <sup>1</sup>		3
<b>Credits</b>		<b>18</b>
<b>Semester 2</b>		
EDUC 4510	Data Literacy and Assessment	3
EDUC 4996	Topics	3
ENGL 416	Approaches to Literature (Spring Only)	3
SPED 4110	Low Incidence Disabilities in a Diverse Society (Spring Only)	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners (Spring Only)	3
<b>Credits</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Semester 1</b>		
READ 4330	Content Area Literacy (Fall Only)	3
EDUC 4440	Teaching Language Arts at the Middle and High School Level (Fall Only)	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society (Fall Only)	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity	3
Choose one from the following:		3
ENGL 412	Writing in the Workplace	
ENGL 431	Technical Editing	
ENGL 449	Advanced Study in Writing	
ENGL 479	Computers and Writing	
400-Level ENGL Literature Elective Course <sup>2</sup>		3
<b>Credits</b>		<b>18</b>
<b>Semester 2</b>		
SPED 4820	Student Teaching SPED	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>132</b>

<sup>1</sup> See the General Education (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses

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400 - level elective courses:

- ENGL 405 Chaucer
- ENGL 442 Modern and Contemporary American Poetry
- ENGL 458 Latino/a Literature and Culture
- ENGL 469 Advanced Study in American Literature
- ENGL 481 Women's Literature

## Teaching Field: Math

### First Year

Semester 1		Credits
ENGL 1110G	Composition I	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1511G	Calculus and Analytic Geometry I	4
Choose one from the following:		3
ECON 1110G	Survey of Economics	
ECON 2110G	Macroeconomic Principles	
ECON 2120G	Principles of Microeconomics	
Choose one from the following:		3
ARTH 1115G	Orientation in Art	
DANC 1110G	Dance Appreciation	
MUSC 1130G	Music Appreciation: Western Music	
THEA 1110G	Introduction to Theatre	

**Credits 17**

### Semester 2

COMM 1115G	Introduction to Communication	3
HIST 1110G or HIST 1120G	United States History I or United States History II	3
MATH 1521G	Calculus and Analytic Geometry II	4
EDUC 1185	Introduction to Secondary Education and Youth	3
C S 111	Computer Science Principles	4

**Credits 17**

### Second Year

#### Semester 1

ENGL 2221G	Writing in the Humanities and Social Science	3
E T 182	Introduction to Digital Logic	0,2
SPED 3105	Introduction to Special Education in a Diverse Society	3

Choose from one of the following: 4

PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab	

Area IV: ANTH, GEOG, POLS or SOCI "G" Course 3

**Credits 13-15**

#### Semester 2

EDLT 3110	Integrating Technology with Teaching	3
MATH 1531	Introduction to Higher Mathematics	3
SPED 4220	Classroom Management for Diverse Learners	3
LIBR 311V	Information Literacy	3

Choose from one of the following: 4

PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab	
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PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab	
<b>Credits</b>		<b>16</b>

### Third Year

#### Semester 1

READ 3110	Instruction for Special Reading Needs	3
MATH 2415	Introduction to Linear Algebra	3
MATH 2530G	Calculus III	3
SPED 4120	High Incidence Disabilities in a Diverse Society	3
STAT 371 or A ST 311	Statistics for Engineers and Scientists I or Statistical Applications	3
300-Level MATH Elective Course		3

**Credits 18**

#### Semester 2

BLED 3120	Sheltered English Instruction for the ESL Classroom	3
EDUC 4510	Data Literacy and Assessment	3
EDUC 4996	Topics	3
SPED 4110	Low Incidence Disabilities in a Diverse Society	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
300-Level MATH Elective Course		3

**Credits 18**

### Fourth Year

#### Semester 1

READ 4330	Content Area Literacy	3
EDUC 4420	Teaching Mathematics at the Middle and High School Level	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity	3
HIST 1150G or HIST 1160G	Western Civilization I or Western Civilization II	3
300-Level MATH OR A ST Elective Course		3

**Credits 18**

#### Semester 2

SPED 4820	Student Teaching SPED	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3

**Credits 12**

**Total Credits 129-131**

## Teaching Field: Science

### First Year

Semester 1		Credits
ENGL 1110G	Composition I	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1220G or MATH 1250G	College Algebra or Trigonometry & Pre-Calculus	3-4
Choose one from the following:		3
ARTH 1115G	Orientation in Art	
ARTS 1145G	Visual Concepts	
DANC 1110G	Dance Appreciation	
MUSC 1110G	Music Appreciation: Jazz	
MUSC 1130G	Music Appreciation: Western Music	
THEA 1110G	Introduction to Theatre	

Area V: Any HIST "G" Course	3
<b>Credits</b>	<b>16-17</b>

<b>Semester 2</b>		
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	4
COMM 1115G	Introduction to Communication	3
MATH 1430G or MATH 1511G	Applications of Calculus I or Calculus and Analytic Geometry I	3-4
EDUC 1185	Introduction to Secondary Education and Youth	3
CHEM 1215G or CHEM 1226	General Chemistry I Lecture and Laboratory for STEM Majors or General Chemistry II Lecture and Laboratory for CHEM Majors	4
<b>Credits</b>		<b>17-18</b>

<b>Second Year</b>		
<b>Semester 1</b>		
ENGL 2221G	Writing in the Humanities and Social Science	3
CHEM 1225G or CHEM 1226	General Chemistry II Lecture and Laboratory for STEM Majors or General Chemistry II Lecture and Laboratory for CHEM Majors	4
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	4
SPED 3105	Introduction to Special Education in a Diverse Society	3
LIBR 311V	Information Literacy	3
Area IV: ANTH or SOCI "G" Course		3
<b>Credits</b>		<b>20</b>

<b>Semester 2</b>		
EDLT 3110	Integrating Technology with Teaching	3
Choose from one of the following:		4
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	
PHYS 2110 & 2110L	Mechanics and Experimental Mechanics	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab	
PHYS 2230L & 2230L	Laboratory to General Physics for Life Science I and Laboratory to General Physics for Life Science I	
BIOL 301	Principles of Ecology	3
SPED 4220	Classroom Management for Diverse Learners	3
READ 3110	Instruction for Special Reading Needs	3
<b>Credits</b>		<b>16</b>

<b>Third Year</b>		
<b>Semester 1</b>		
BIOL 305	Principles of Genetics	3
SPED 4120	High Incidence Disabilities in a Diverse Society	3
BIOL 467	Evolution	3
Choose from one of the following:		4
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab	
PHYS 2140 & 2140L	Electricity and Magnetism and Electricity & Magnetism Laboratory	

PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab	
PHYS 2240G & PHYS 2240L	General Physics for Life Science II and Laboratory to General Physics for Life Science II	
GEOG 1120G or GEOG 1130G	World Regional Geography or Human Geography	3
<b>Credits</b>		<b>16</b>

<b>Semester 2</b>		
BLED 3120	Sheltered English Instruction for the ESL Classroom	3
EDUC 4510	Data Literacy and Assessment	3
EDUC 4996	Topics	3
SPED 4110	Low Incidence Disabilities in a Diverse Society	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
One additional Area V/VI: Humanities or Creative and Fine Arts Course		3
<b>Credits</b>		<b>18</b>

<b>Fourth Year</b>		
<b>Semester 1</b>		
READ 4330	Content Area Literacy	3
EDUC 4410	Teaching Science at the Middle and High School Level	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity	3
300-Level BIOL Plant Science Elective Course		3-4
<b>Credits</b>		<b>15-16</b>

<b>Semester 2</b>		
SPED 4820	Student Teaching SPED	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
<b>Credits</b>		<b>12</b>

**Total Credits 130-133**

## Teaching Field: Social Studies

<b>First Year</b>		
<b>Semester 1</b>		
ENGL 1110G	Composition I <sup>1</sup>	4
CEPY 1120G	Human Growth and Behavior	3
MATH 1220G or MATH 1250G	College Algebra <sup>1</sup> or Trigonometry & Pre-Calculus	3-4
HIST 1110G	United States History I	3
Area VI: Creative and Fine Arts Course <sup>2</sup>		3
<b>Credits</b>		<b>16-17</b>

<b>Semester 2</b>		
COMM 1115G	Introduction to Communication	3
HIST 1130G or HIST 1140G	World History I or World History II	3
ECON 2120G or ECON 2110G	Principles of Microeconomics or Macroeconomic Principles	3
EDUC 1185	Introduction to Secondary Education and Youth	3
Area III: Laboratory Science Course <sup>2</sup>		4
<b>Credits</b>		<b>16</b>

<b>Second Year</b>		
<b>Semester 1</b>		
ENGL 2221G	Writing in the Humanities and Social Science <sup>1</sup>	3
POLS 1110G or POLS 1120G	Introduction to Political Science or American National Government	3
SPED 3105	Introduction to Special Education in a Diverse Society	3
HIST 1150G or HIST 1160G	Western Civilization I or Western Civilization II	3
LIBR 311V	Information Literacy	3
ECON 2110G or ECON 2120G	Macroeconomic Principles or Principles of Microeconomics	3
<b>Credits</b>		<b>18</b>

<b>Semester 2</b>		
EDLT 3110	Integrating Technology with Teaching	3
HIST 2245G or HIST 2246G	Islamic Civilizations to 1800 or Islamic Civilizations since 1800	3
SPED 4220	Classroom Management for Diverse Learners	3
HIST 368	Teaching History	3
GEOG 1120G	World Regional Geography	3
HIST 1120G	United States History II	3
<b>Credits</b>		<b>18</b>

<b>Third Year</b>		
<b>Semester 1</b>		
READ 3110	Instruction for Special Reading Needs	3
SPED 4120	High Incidence Disabilities in a Diverse Society	3
GEOG 2130	Map Use and Analysis	3
MATH 1130G or MATH 1430G	Survey of Mathematics <sup>1</sup> or Applications of Calculus I	3
EDUC 4996	Topics	3
300-Level HIST Elective Course		3
<b>Credits</b>		<b>18</b>

<b>Semester 2</b>		
BLED 3120	Sheltered English Instruction for the ESL Classroom	3
EDUC 4510	Data Literacy and Assessment	3
SPED 4110	Low Incidence Disabilities in a Diverse Society	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
HIST 2250G or HIST 2251G	East Asia to 1600 or East Asia since 1600	3
300-Level POLS, ECON, GEOG or HIST Elective Course		3
<b>Credits</b>		<b>18</b>

<b>Fourth Year</b>		
<b>Semester 1</b>		
READ 4330	Content Area Literacy	3
EDUC 4430	Teaching Social Studies at the Middle and High School Level	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity	3
HIST 386	New Mexico History	3
Area III: Laboratory Science Course <sup>2</sup>		4
<b>Credits</b>		<b>19</b>

<b>Semester 2</b>		
SPED 4820	Student Teaching SPED	9

SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>135-136</b>

**1**

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

**2**

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