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

# **Teaching Field: Language Arts**

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 132 credits with 48 credits in courses numbered 3000 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
Area I: Communication	os	
English Composition -	Level 1	
ENGL 1110G	Composition I 1	4
English Composition -	Level 2	3
Oral Communication		
Choose one from the	following:	3
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
Area II Mathematics		
MATH 1220G	College Algebra <sup>1, 3</sup>	3
or MATH 1250G	Trigonometry & Pre-Calculus	
Area III/IV: Laboratory	Sciences and Social/Behavioral Sciences	
CEPY 1120G	Human Growth and Behavior	3
Area III: Laboratory So	cience Course(s) <sup>4</sup>	8
Area V: Humanities		
HIST 1160G	Western Civilization II	3
Area V: Creative and Fi	ine Arts	
THEA 1110G	Introduction to Theatre (Language Arts Teaching Field/Concentration)	3
General Education Elec	ctive	
HIST 1110G	United States History I	3
or HIST 1120G	United States History II	
Viewing the Wider Wo	orld	
LIBR 311V	Information Literacy	3
·	uirements will be satisfied with the ching field courses <sup>5</sup>	
Departmental/College	e Requirements	
Secondary Education F	Requirements	
EDUC 1185	Introduction to Secondary Education and Youth <sup>1, 6</sup>	3
SPED 3105	Introduction to Special Education in a Diverse Society <sup>1</sup>	3
EDLT 3110	Integrating Technology with Teaching (Pre/Corequisite for TEP admission) <sup>1</sup>	3
BLED 3120	Sheltered English Instruction for the ESL Classroom <sup>2</sup>	3
EDUC 4510	Data Literacy and Assessment <sup>2</sup>	3

EDUC 4440	Topoling Language Arta at the Middle and	3
EDUC 4440	Teaching Language Arts at the Middle and High School Level <sup>2,6</sup>	3
READ 4330	Content Area Literacy <sup>2</sup>	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society <sup>2</sup>	3
Student Teaching		
SPED 4820	Student Teaching SPED <sup>2</sup>	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
Special Education Core	e Requirements	
SPED 4220	Classroom Management for Diverse Learners	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
SPED 4120	High Incidence Disabilities in a Diverse Society 2	3
SPED 4110	Low Incidence Disabilities in a Diverse Society 2	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity (Not with EDUC 4996) <sup>2, 6,7</sup>	3
READ 3110	Instruction for Special Reading Needs <sup>2</sup>	3
EDUC 4996	Topics (Dual License Practicum; Prerequisite EDUC 4440) <sup>2, 6,7</sup>	3
Language Arts Teachii	ng Field/Concentration Requirements	
For the teaching field	/concentration both (COMM 1130G or	
_	NGL 2130G or ENGL 2210G) will count towards	
ENGL 2610	American Literature I	3
or ENGL 2620	American Literature II	
ENGL 2630	British Literature I	3
or ENGL 2640	British Literature II	
ENGL 310	Critical Writing	3
ENGL 408	Shakespeare I	3
or ENGL 409	Shakespeare II	
ENGL 416	Approaches to Literature	3
ENGL 470	Approaches to Composition	3
ENGL 400+ Literature	Elective	3
Choose one from the	following:	3
ENGL 339V	Chicana/o Literature	
ENGL 380V	Women Writers	
ENGL 394V	Southwestern Literature	
Choose one from the	following courses	3
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	
Choose one from the	following courses	3
ENGL 412	Writing in the Workplace	
ENGL 431	Technical Editing	
ENGL 449	Advanced Study in Writing	
ENGL 479	Computers and Writing	
	equirements (in addition Gen.Ed/VWW)	
MATH 1430G	Applications of Calculus I	3
or MATH 1130G	Survey of Mathematics	
JOUR 105G	Media and Society	3
different subject area	v: Social/Behavioral Sciences Course (must be a than the course selected above) 4	3
Second Language: (n	ot required)	

Second Language: (not required)

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#### Electives, to bring the total credits to 132 **Total Credits** 132

- Course prerequisite for the Teacher Education Program (TEP)
- Course requires admission to the Teacher Education Program (TEP)
- MATH 1220G College Algebra or MATH 1250G Trigonometry & Pre-Calculus is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G or MATH 1250G first.
- See the General Education (https://catalogs.nmsu.edu/nmsu/generaleducation-viewing-wider-world/) section of the catalog for a full list of courses
- The 9 credits of Upper-Division ENGL courses that are apart of the Concentration/Teaching Field coursework will meet the 2nd VWW requirement.
- Course requires field experience
- SPED 4811 requires 90 practicum hours; EDUC 4996 requires 100 practicum hours

### **Teaching Field: Math**

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 129 credits with 48 credits in courses numbered 3000 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education R	equirements	
Area I: Communicatio	ns	
English Composition -	Level 1	
ENGL 1110G	Composition I 1	4
English Composition -	Level 2	
Choose one from the	e following courses	3
ENGL 2130G	Advanced Composition	
ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science $^{\mathrm{1}}$	
Oral Communication		
Choose one from the	e following courses	3
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
ACOM 1130G	Effective Leadership and Communication in Agriculture	
Area II: Mathematics		
MATH 1511G	Calculus and Analytic Geometry I <sup>2</sup>	4
Area III/IV: Laboratory	Sciences and Social/Behavioral Sciences	
CEPY 1120G	Human Growth and Behavior	3
Choose one from the	e 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	
Choose one from the	e following:	4
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab	

PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab	
Area V: Humanities		
HIST 1150G	Western Civilization I	3
or HIST 1160G	Western Civilization II	
Area VI: Creative and I	Fine Arts	
Choose one from the	following courses	3
ARTH 1115G	Orientation in Art	
DANC 1110G	Dance Appreciation	
MUSC 1130G	Music Appreciation: Western Music	
THEA 1110G	Introduction to Theatre	
General Education Ele	ctive	
MATH 1521G	Calculus and Analytic Geometry II	4
Viewing the Wider W	orld	
LIBR 311V	Information Literacy	3
	uirements will be satisfied with the aching field courses <sup>3</sup>	
Departmental/Colleg	e Requirements	
Secondary Education	Core Requirements	
EDUC 1185	Introduction to Secondary Education and Youth <sup>1,4</sup>	3
SPED 3105	Introduction to Special Education in a Diverse Society <sup>1</sup>	3
EDLT 3110	Integrating Technology with Teaching (Pre/Corequisite for admission to TEP) 1	3
BLED 3120	Sheltered English Instruction for the ESL Classroom <sup>5</sup>	3
EDUC 4510	Data Literacy and Assessment <sup>5</sup>	3
EDUC 4420	Teaching Mathematics at the Middle and High School Level <sup>4,5</sup>	3
READ 4330	Content Area Literacy <sup>5</sup>	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society <sup>5</sup>	3
Student Teaching		
SPED 4820	Student Teaching SPED <sup>5</sup>	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
Special Education Req	uirements	
SPED 4220	Classroom Management for Diverse Learners	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
SPED 4120	High Incidence Disabilities in a Diverse Society 5	3
SPED 4110	Low Incidence Disabilities in a Diverse Society 5	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity (Not with EDUC 4996) <sup>4,5,6</sup>	3
READ 3110	Instruction for Special Reading Needs <sup>5</sup>	3
EDUC 4996	Topics (Dual License Practicum; Prerequisite EDUC 4420) <sup>4,5,6</sup>	3
Math Education Teach	ning Field/Concentration Requirements	
MATH 2530G	Calculus III	3
CS111	Computer Science Principles	4
ET 182	Introduction to Digital Logic	0,2
MATH 1531	Introduction to Higher Mathematics	3
MATH 2415	Introduction to Linear Algebra	3
STAT 371	Statistics for Engineers and Scientists	3
or A ST 311	Statistical Applications	

3

MATH elective numbered 300+

Total Credits		129-131
Electives, to bring th	e total credits to 132	0
Second Language: (r	not required)	
SOCI 2310G	Contemporary Social Problems	
SOCI 1110G	Introduction to Sociology	
POLS 2120G	International Relations	
POLS 1130G	Issues in American Politics	
POLS 1110G	Introduction to Political Science	
POLS 1120G	American National Government	
GEOG 1130G	Human Geography	
GEOG 1120G	World Regional Geography	
ANTH 1160G	World Archaeology	
ANTH 1115G	Introduction to Anthropology	
ANTH 1140G	Introduction to Cultural Anthropology	
Choose one from the	following:	3
ECON 2120G	Principles of Microeconomics	
ECON 2110G	Macroeconomic Principles	
ECON 1110G	Survey of Economics	
Choose one from the	following:	3
or HIST 1120G	United States History II	_
HIST 1110G	United States History I	3
	equirements (in addition to Gen.Ed/VWW)	
MATH or A ST electiv	ve numbered 300+ <sup>7</sup>	3
MATH elective numb	pered 300+	3

Prerequisite for admission to Teacher Preparation Program (TEP)

MATH 1511G Calculus and Analytic Geometry I is required for the degree but students may need to take any prerequisites needed to enter MATH 1511G Calculus and Analytic Geometry I first.

The 9 credits of Upper-Division MATH courses that are apart of the Concentration/Teaching Field coursework will meet the 2nd VWW requirement.

4 Course requires field experience

<sup>5</sup> Course requires admission to Teacher Education Program (TEP)

SPED 4811 requires minimum of 90 practicum hours; EDUC 4996 requires a minimum of 100 practicum hours

If students take a MATH 300+ course instead of a A ST this course will also count as the second VWW requirement. If they take the A ST course they will need to take either an additional MATH course or an additional VWW course.

# **Teaching Field: Science**

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 130 credits with 48 credits in courses numbered 3000 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education	1	
Area I: Communica	ntions	
English Composition	on - Level 1	
ENGL 1110G	Composition I <sup>1</sup>	4
English Composition	on - Level 2	
Choose one from	the following courses	3
ENGL 2130G	Advanced Composition	

ENGL 2215G	Advanced Technical and Professional Communication	
ENGL 2221G	Writing in the Humanities and Social Science <sup>1</sup>	
Oral Communication		
Choose one from the fo	llowing courses	3
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
HNRS 2175G	Introduction to Communication Honors	
ACOM 1130G	Effective Leadership and Communication in Agriculture	
Area II: Mathematics		
MATH 1220G	College Algebra <sup>1, 2</sup>	3
or MATH 1250G	Trigonometry & Pre-Calculus	
Area III/IV: Laboratory Se	ciences and Social/Behavioral Sciences	
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory (Teaching Field/ Concentration Course(s))	4
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory (Teaching Field/ Concentration Course(s))	4
CEPY 1120G	Human Growth and Behavior	3
Area V: Humanities		
Choose one from the fo	ollowing courses	3
HIST 1105G	Making History	
HIST 1110G	United States History I	
HIST 1120G	United States History II	
HIST 1130G	World History I	
HIST 1140G	World History II	
HIST 1150G	Western Civilization I	
HIST 1160G	Western Civilization II	
HIST 2245G	Islamic Civilization to 1500	
HIST 2246G	Islamic Civilizations since 1800	
HIST 2250G	East Asia to 1600	
HIST 2251G	East Asia since 1600	
Area VI: Creative and Fin		
Choose one from the fo		3
ARTH 1115G	Orientation in Art	
ARTS 1145G	Visual Concepts	
DANC 1110G	Dance Appreciation	
MUSC 1130G	Music Appreciation: Western Music	
MUSC 1110G	Music Appreciation: Jazz	
THEA 1110G	Introduction to Theatre	
General Education Electi		
GEOG 1120G	World Regional Geography	3
or GEOG 1130G	Human Geography	
Viewing the Wider Worl	3 1 7	
LIBR 311V	Information Literacy	3
The 2nd VWW requires	rements will be satisfied with the	
Departmental/College I		
Secondary Education Co	-	
EDUC 1185	Introduction to Secondary Education and Youth <sup>1,4</sup>	3
SPED 3105	Introduction to Special Education in a Diverse Society <sup>1</sup>	3

EDLT 3110	Integrating Technology with Teaching (Pre/Corequisite for admission to TEP) 1	3
BLED 3120	Sheltered English Instruction for the ESL Classroom <sup>5</sup>	3
EDUC 4510	Data Literacy and Assessment <sup>5</sup>	3
EDUC 4410	Teaching Science at the Middle and High School Level <sup>4,5</sup>	3
READ 4330	Content Area Literacy <sup>5</sup>	3
SPED 4150	Secondary Curriculum, Methods, and Materials	3
	for Special Education in a Diverse Society <sup>5</sup>	
Student Teaching	5	
SPED 4820	Student Teaching SPED <sup>5</sup>	9
SPED 4840	Special Education/ Secondary Student Teaching Seminar	3
Special Education Core	Requirements	
SPED 4220	Classroom Management for Diverse Learners	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
SPED 4120	High Incidence Disabilities in a Diverse Society 5	3
SPED 4110	Low Incidence Disabilities in a Diverse Society 5	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity (Not with EDUC 4996) 4,5,6	3
READ 3110	Instruction for Special Reading Needs <sup>5</sup>	3
EDUC 4996	Topics (Dual License Practicum; Prerequisite EDUC 4410) <sup>4,5,6</sup>	3
Science Education Teac	hing Field/Concentration Requirements	
CHEM 1215G	General Chemistry I Lecture and Laboratory for	4
011514.1016	STEM Majors	
or CHEM 1216	General Chemistry I Lecture and Laboratory for CHEM Majors	
CHEM 1225G	General Chemistry II Lecture and Laboratory for STEM Majors	4
or CHEM 1226	General Chemistry II Lecture and Laboratory for CHEM Majors	
Choose one from the f	ollowing courses	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 2230G	General Physics for Life Science I	
& PHYS 2230L	and Laboratory to General Physics for Life Science I	
Choose one from the f	ollowing courses	4
PHYS 1240G	Algebra-Based Physics II	
& PHYS 1240L	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	General Physics for Life Science II	
& PHYS 2240L	and Laboratory to General Physics for Life Science II	
BIOL 301	Principles of Ecology	3
BIOL 305	Principles of Genetics	3
BIOL 467	Evolution	3
BIOL 300+ Plant Scien	ce Elective	3
Non-Departmental Rec	quirements (in addition to Gen.Ed/VWW)	

Total Credits		130
Electives, to bring the	total credits to 130	0
Second Language: (no	t required)	
	VI: Humanities or Creative & Fine Arts Course ubject area than the course selected above) <sup>7</sup>	3
SOCI 2310G	Contemporary Social Problems	
SOCI 1110G	Introduction to Sociology	
ANTH 1160G	World Archaeology	
ANTH 1115G	Introduction to Anthropology	
ANTH 1140G	Introduction to Cultural Anthropology	
Choose one from the f	ollowing:	3
or MATH 1511G	Calculus and Analytic Geometry I	
MATH 1430G	Applications of Calculus I	3

- <sup>1</sup> Prerequisite for admission to Teacher Preparation Program (TEP)
- MATH 1220G College Algebra or MATH 1250G Trigonometry & Pre-Calculus is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G or MATH 1250G first.
- The 9 credits of Upper-Division BIOL courses that are apart of the Concentration/Teaching Field coursework will meet the 2nd VWW requirement.
- 4 Course requires field experience
- <sup>5</sup> Course requires admission to Teacher Education Program (TEP)
- SPED 4811 requires minimum of 90 practicum hours; EDUC 4996 requires a minimum of 100 practicum hours

## **Teaching Field: Social Studies**

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 135 credits with 48 credits in courses numbered 3000 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
<b>General Education</b>		
Area I: Communication	s	
English Composition - I	Level 1	
ENGL 1110G	Composition I 1	4
English Composition - I	Level 2	
ENGL 2221G	Writing in the Humanities and Social Science <sup>1</sup>	3
Oral Communication		
Choose one from the	following courses	3
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
ACOM 1130G	Effective Leadership and Communication in Agriculture	
HNRS 2175G	Introduction to Communication Honors	
Area II: Mathematics		
MATH 1220G	College Algebra <sup>1,3</sup>	3-4
or MATH 1250G	Trigonometry & Pre-Calculus	
Area III/IV: Laboratory	Sciences and Social/Behavioral Sciences	
CEPY 1120G	Human Growth and Behavior	3
Area III: Laboratory So	ciences Course(s)	8
Area V: Humanities		
HIST 1130G	World History I	3
or HIST 1140G	World History II	

Area VI: Creative and		3
General Education Ele	ective	
HIST 2250G	East Asia to 1600	3
or HIST 2251G	East Asia since 1600	
Viewing the Wider W	orld	
LIBR 311V	Information Literacy	3
	juirements will be satisfied with the aching field courses <sup>5</sup>	
Departmental/Colleg	je Requirements	
Secondary Education	Core Requirements	
EDUC 1185	Introduction to Secondary Education and Youth <sup>1,6</sup>	3
SPED 3105	Introduction to Special Education in a Diverse Society <sup>1</sup>	3
EDLT 3110	Integrating Technology with Teaching (Pre/Corequisite for TEP admission)	3
BLED 3120	Sheltered English Instruction for the ESL Classroom <sup>2</sup>	3
EDUC 4510	Data Literacy and Assessment <sup>2</sup>	3
EDUC 4430	Teaching Social Studies at the Middle and High	3
LD0C 4430	School Level <sup>2</sup>	3
READ 4330	Content Area Literacy <sup>2</sup>	3
SPED 4150	Secondary Curriculum, Methods, and Materials for Special Education in a Diverse Society <sup>2</sup>	3
Student Teaching	•	
SPED 4820	Student Teaching SPED <sup>2</sup>	9
SPED 4840	Special Education/ Secondary Student	3
	Teaching Seminar	
Special Education Cor	re Requirements	
SPED 4220	Classroom Management for Diverse Learners	3
SPED 4210	Introduction to Assessment of Diverse Exceptional Learners	3
SPED 4120	High Incidence Disabilities in a Diverse Society 2	3
SPED 4110	Low Incidence Disabilities in a Diverse Society	3
SPED 4811	Practicum in Education, Equity and Cultural Diversity (Not with EDUC 4996) <sup>2,6,7</sup>	3
READ 3110	Instruction for Special Reading Needs <sup>2</sup>	3
EDUC 4996	Topics (Dual License Practicum; Prerequisite EDUC 4430) <sup>2,6,7</sup>	3
Social Studies Teachi	ng Field/Concentration Requirements	
ECON 2110G	Macroeconomic Principles	3
ECON 2120G	Principles of Microeconomics	3
GEOG 2130	Map Use and Analysis	3
HIST 1150G	Western Civilization I	3
or HIST 1160G	Western Civilization II	
HIST 1110G	United States History I	3
HIST 1120G	United States History II	3
HIST 2245G	Islamic Civilization to 1500	3
or HIST 2246G	Islamic Civilizations since 1800	
HIST 368	Teaching History	3
HIST 386	New Mexico History <sup>8</sup>	3
HIST Elective 300+	,	3
	or HIST Elective 300+	3
	requirements (in addition to Gen.Ed/VWW)	
MATH 1130G	Survey of Mathematics	3
or MATH 1430G	Applications of Calculus I	J
GEOG 1120G	World Regional Geography	3

Total Credits			135-136	
	Electives, to bring the total credits to 135		0	
	Second Language: (no	cond Language: (not required)		
	or POLS 1110G	Introduction to Political Science		
	POLS 1120G	American National Government	3	

- Prerequisite for admission to Teacher Preparation Program (TEP)
- <sup>2</sup> Course requires admission to Teacher Education Program (TEP)
- MATH 1220G College Algebra or MATH 1250G Trigonometry & Pre-Calculus is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G or MATH 1250G first.
- See the General Education (https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/) section of the catalog for a full list of courses
- The 9 credits of Upper-Division HIST courses that are apart of the Concentration/Teaching Field coursework will meet the 2nd VWW requirement.
- <sup>6</sup> Course requires field experience
- SPED 4811 requires minimum of 90 practicum hours; EDUC 4996 requires a minimum of 100 practicum hours
- Students who complete HIST 2110 at another campus/university will need to take an additional 3 credit course at the 300+ level in ECON, GEOG, GOVT, or HIST to meet state licensure requirements.