MIDDLE AND HIGH SCHOOL TEACHING - BACHELOR OF ARTS (BA)

Our Bachelor of Arts in Middle and High School Teaching (MHST) prepares classroom teachers in grades 7-12 in English, math, science, social studies or Spanish. Our program is designed to support the preparation of reflective, ethical and responsive teachers committed to making the world more equitable and just through their work in public schools and with the communities they serve.

Program graduates earn a Bachelor of Arts in Middle and High School Teaching and a Colorado provisional teacher license in Secondary (7-12)English, math, science, social studies or Spanish. Given the dual-degree nature of the program, they simultaneously pursue and earn a BA/BS in their content area major.

Over the course of the program, candidates engage with teachers and students in public secondary school classrooms through a series of supported practicum placements that result in over 800 hours of schoolbased experience.

Requirements

Grade Requirements

Middle and High School Teaching students must maintain a 2.00 GPA in cumulative, content and education coursework. All grades in Education courses must be a B- or better to maintain good standing in the program. All grades must be a C- or better to satisfy a content coursework requirement.

Content Major Requirement

Middle and High School Teaching students must pursue a degree in another college on campus with a major in a content area aligning with their chosen Middle and High School Teaching content area track. To learn more, contact the Education advisors at 303-492-6555 or edadvise@colorado.edu.

Content Exam Requirement

Middle and High School Teaching students must pass the state-approved licensure exam aligning with their chosen Middle and High School Teaching content area track. To learn more, contact the Education advisors at 303-492-6555 or edadvise@colorado.edu.

Student Teaching Requirement

Middle and High School Teaching students will complete an intensive final year of field experiences while taking courses. Students will generally not be able to take other coursework in the final, student teaching semester of the program. To learn more, contact the Education advisors at 303-492-6555 or edadvise@colorado.edu.

Content Area Track Course Requirements

English Language Arts Track Content Coursework Requirements Code Title

Courses and Minimum Required Credit Hours

Advanced Writing: Critical or creative writing beyond the lower-	
division/introductory composition level.	

Visual or Digital Communication: Includes theatre, film, or digital media courses.	3
Literature: Must include a component of American literature, British literature, World literature (non-American/non-British literature), and Multicultural literature.	12
English and English Language Arts related courses.	30
Acceptable coursework may be in communication/speech, composition, drama/ theatre, humanities, journalism and/or literature. (May include courses from the content requirements above.)	

Education Coursework Requirements Co

Credit

Hours

3 Μ

Code	Title	Credit Hours
Take Any Time Prior	to Final Year in the Program	
EDUC 1001	Humanities Teaching for Equity: Naming	1
EDUC 2001	Humanities Teaching for Equity: Noticing	2
EDUC 3001	Humanities Teaching for Equity: Negotiating	2
EDUC 3013	School and Society	3
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms	3
EDUC 4112	Adolescent Development and Learning for Teachers	3
EDUC 4295	Narrative and Story in the Humanities	3
EDUC 4490	Blurring Disciplinary Lines in the Humanities	3
Take in the Final Yea	r in the Program	
EDUC 4325	Queering Literacy in Secondary Classrooms (Fall only)	3
EDUC 4345	Secondary English Methods I (Fall only)	3
EDUC 4365	Secondary English Methods II (Spring only)	3
EDUC 4712	Student Teaching: Secondary School (Spring only)	10
EDUC 4390	Teaching for Equity and Justice (Spring only)	3
Total Credit Hours		42
Mathematics Track Content Coursework		
Code	Title	Credit
		Hours
Courses and Minimu	m Required Credit Hours	
MATH 1300	Calculus 1	5
or MATH 1310	Calculus for Life Sciences	
or APPM 1350	Calculus 1 for Engineers	
MATH 2001	Introduction to Discrete Mathematics	3
MATH 2135	Introduction to Linear Algebra for Mathematics Majors	3
MATH 2300	Calculus 2	5
or APPM 1360	Calculus 2 for Engineers	
MATH 2400	Calculus 3	5
or APPM 2350	Calculus 3 for Engineers	
MATH 3001	Analysis 1	3
MATH 3110	Introduction to Theory of Numbers	3

1

	or MATH 3140	Abstract Algebra 1	
ſ	MATH 3120	Functions and Modeling	3
ſ	MATH 3510	Introduction to Probability and Statistics	3
ſ	MATH 3210	Euclidean and Non-Euclidean Geometry	3
ſ	MATH 4820	History of Mathematical Ideas	3

Education Coursework Requirements

Code

Credit Hours

Take Any Time Prior to the Final Semester in the Program

Title

Take Any Time Flior	to the Final Semester in the Flogram	
EDUC 2035	Designing STEM Learning Environments and Experiences	3
EDUC 3013	School and Society	3
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms (Includes up to four (4) hours per week of school-based practicum. Should be taken concurrently with EDUC 4375. EDUC 4060 is a prerequisite.)	3
EDUC 4050	Knowing and Learning in Mathematics and Science	3
EDUC 4060	Classroom Interactions (Includes up to five (5) hours per week of school-based practicum. This course is a prerequisite for EDUC 4023 and EDUC 4375. Fall only.)	3
EDUC 4232	Language and Literacy across the Curriculum (Spring Only)	3
EDUC 4317	Perspectives on Mathematics	3
EDUC 4375	Problem-Based Math Instruction	3
Take in the Final Se	mester of the Program	
EDUC 4513	Education and Practice	2
EDUC 4712	Student Teaching: Secondary School	10
Total Credit Hours		36
Total Credit Hours Science Track Content Coursework Code		36 Credit Hours
Science Track Content Coursework Code	Requirements	Credit
Science Track Content Coursework Code	Requirements Title	Credit
Science Track Content Coursework Code Courses and Minimu	Requirements Title um Required Credits Calculus 1	Credit
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences	Credit Hours
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350	Requirements Title um Required Credits Calculus 1	Credit Hours
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers	Credit Hours
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course.	Credit Hours 5
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course.	Credit Hours 5 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one earth/s	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course.	Credit Hours 5 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one chemis Choose one earth/s	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course. s course.	Credit Hours 5 3 3 3 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one chemis Choose one earth/s Choose one physics Complete three out courses separately	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course.	Credit Hours 5 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one chemis Choose one chemis Choose one physics Choose one physics Complete three out courses separately Biology lab	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course. s course. of four of the following content area lab	Credit Hours 5 3 3 3 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one chemis Choose one earth/s Choose one physics Complete three out courses separately Biology lab Chemistry lab	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course. s course. of four of the following content area lab or as part of a course:	Credit Hours 5 3 3 3 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one chemis Choose one chemis Choose one physics Complete three out courses separately Biology lab Chemistry lab Earth/space scie	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course. s course. of four of the following content area lab or as part of a course:	Credit Hours 5 3 3 3 3 3 3 3
Science Track Content Coursework Code Courses and Minimu Mathematics MATH 1300 or MATH 1310 or APPM 1350 Science Choose one biology Choose one biology Choose one chemis Choose one chemis Choose one physics Complete three out courses separately Biology lab Chemistry lab Earth/space scie Physics lab	Requirements Title um Required Credits Calculus 1 Calculus for Life Sciences Calculus 1 for Engineers course. try course. pace science course. s course. of four of the following content area lab or as part of a course:	Credit Hours 5 3 3 3 3 3 3 3

Biology: Complete a major in Ecology & Evolutionary Biology, Integrative Physiology, Neuroscience, or Molecular, Cellular & Developmental Biology (may include courses from the content requirements above). Chemistry: Complete a major in Chemistry or Biochemistry (may include courses from the content requirements above). Earth/Space Science: Complete a major in Astronomy, Atmospheric & Oceanic Sciences or Geology (may include courses from the content requirements above). Please contact an education advisor for more information (edadvise@colorado.edu). Environmental Science: Complete a major in environmental studies with coursework in astronomy, ecology, and 17 credit hours of biology (may include courses from the content requirements above). Please contact an education advisor for more information (edadvise@colorado.edu).

Complete a major in Physics with Plan 3 (may include courses from the content requirements above). Students pursuing Plan 1 or Plan 2 in the Physics major, or a major in Engineering Physics, should contact an education advisor (edadvise@colorado.edu).

Education Co	ursework Requirements	
Code	Title	Credit
		Hours

		Hours
Take Any Time Prior	to the Final Semester in the Program	
EDUC 2035	Designing STEM Learning Environments and Experiences	3
EDUC 3013	School and Society	3
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms (Includes up to four (4) hours per week of school-based practicum. Should be taken concurrently with EDUC 4385. EDUC 4060 is a prerequisite.)	3
EDUC 4050	Knowing and Learning in Mathematics and Science	3
EDUC 4060	Classroom Interactions (Includes up to five (5) hours per week of school-based practicum. This course is a prerequisite for EDUC 4023 and EDUC 4385. Fall only.)	3
EDUC 4232	Language and Literacy across the Curriculum (Spring Only)	3
EDUC 4385	Problem-Based Science Instruction (Includes up to six (6) hours per week of school-based practicum. Should be taken concurrently with EDUC 4023. EDUC 4060 is a prerequisite. Spring only.)	3
Choose two courses	from the following:	6
EDUC/PHYS 1580	Energy and Interactions	
EDUC 4460/ PHYS 1580	Teaching and Learning Physics	
EDUC/EBIO/MCDE 4811	B Teaching and Learning Biology	
EDUC 4822	Teaching and Learning Chemistry	
EDUC 4833	Teaching and Learning Earth Systems	
GEEN 4400	Teaching Design	
Take in the Final Sem	ester of the Program	

EDUC 4513	Education and Practice	2
EDUC 4712	Student Teaching: Secondary School	10
Total Credit Hours Social Studies Tra Content Courseworl Code		39 Credit
ooue	- The	Hours
Courses and Minim	num Required Credit Hours	
U.S. History		6
World History		6
Economics: Must b	e completed in an economics department.	3
Political Science: N department.	Aust be completed in a political science	3
	eography: Must be completed in a geography cal geography does NOT qualify.	3
57	l/Cultural Anthropology: Must be completed nthropology department. Physical NOT qualify.	3
Thirty credit hours disciplines: Anthro Geography, History (may include cours	or coursework in one of the following pology, Economics, Ethnic Studies, , International Affairs or Political Science ses from the content requirements above). A dits must be upper division.	30
	ork Requirements Title	
Code	-	
Code Take Any Time Pric	Title	Hours
Code Take Any Time Pric EDUC 1001	Title or to Final Year in the Program	Hours 1 2
Code Take Any Time Pric EDUC 1001 EDUC 2001	Title or to Final Year in the Program Humanities Teaching for Equity: Naming	Hours 1 2
Code Take Any Time Pric EDUC 1001 EDUC 2001 EDUC 3001	Title Tro Final Year in the Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity:	Hours 1 2 2
Code Take Any Time Pric EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013	Title Title Title Title Title The Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Negotiating	Hours 1 2 2 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023	Title or to Final Year in the Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Noticing School and Society Differentiating Instruction in Diverse	Hours 1 2 2 3 3 3
Code Take Any Time Pric EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023 EDUC 4112	Titleor to Final Year in the ProgramHumanities Teaching for Equity: NamingHumanities Teaching for Equity: NoticingHumanities Teaching for Equity: NoticingSchool and SocietySchool and SocietyDifferentiating Instruction in Diverse Secondary ClassroomsAdolescent Development and Learning	Hours 1 2 2 3 3 3 3 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023 EDUC 4112 EDUC 4490	TitleIteHumanities Teaching for Equity: NamingHumanities Teaching for Equity: NoticingHumanities Teaching for Equity: NoticingNegotiatingSchool and SocietyDifferentiating Instruction in Diverse Secondary ClassroomsAdolescent Development and Learning for TeachersBlurring Disciplinary Lines in the	Hours 1 2 2 3 3 3 3 3 3 3 3 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023 EDUC 4112 EDUC 4490 EDUC 4316	TitleFinal Year in the ProgramHumanities Teaching for Equity: NamingHumanities Teaching for Equity: NoticingHumanities Teaching for Equity: NoticingSchool and SocietySchool and SocietyDifferentiating Instruction in Diverse Secondary ClassroomsAdolescent Development and Learning for TeachersBlurring Disciplinary Lines in the HumanitiesNature of Social Studies and Social Studies Education (Fall only)	Hours 1 2 2 3 3 3 3 3 3 3 3 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 4023 EDUC 4112 EDUC 4490 EDUC 4316 Take in the Final Yee	TitleFinal Year in the ProgramHumanities Teaching for Equity: NamingHumanities Teaching for Equity: NoticingHumanities Teaching for Equity: NoticingSchool and SocietySchool and SocietyDifferentiating Instruction in Diverse Secondary ClassroomsAdolescent Development and Learning for TeachersBlurring Disciplinary Lines in the HumanitiesNature of Social Studies and Social Studies Education (Fall only)	Hours 1 1 2 2 3 3 3 3 3 3 3 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 4023 EDUC 4112 EDUC 4490 EDUC 4316 Take in the Final Ye EDUC 4325	Title Final Year in the Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Noticing School and Society Differentiating Instruction in Diverse Secondary Classrooms Adolescent Development and Learning for Teachers Blurring Disciplinary Lines in the Humanities Nature of Social Studies and Social Studies Education (Fall only) ear in the Program Queering Literacy in Secondary	Hours 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023 EDUC 4023 EDUC 4112 EDUC 4316 Take in the Final Ye EDUC 4325 EDUC 4330	Title Final Year in the Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Noticing Kegotiating School and Society Differentiating Instruction in Diverse Secondary Classrooms Adolescent Development and Learning for Teachers Blurring Disciplinary Lines in the Humanities Nature of Social Studies and Social Studies Education (Fall only) earring Literacy in Secondary Classrooms (Fall only) Secondary Social Studies Methods I (Fall	Credit Hours 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Education Coursewo Code Take Any Time Price EDUC 1001 EDUC 2001 EDUC 3001 EDUC 3013 EDUC 4023 EDUC 4023 EDUC 4112 EDUC 4112 EDUC 4316 Take in the Final Ye EDUC 4325 EDUC 4330 EDUC 4355 EDUC 4712	Title Final Year in the Program Humanities Teaching for Equity: Naming Humanities Teaching for Equity: Noticing Humanities Teaching for Equity: Noticing School and Society Differentiating Instruction in Diverse Secondary Classrooms Adolescent Development and Learning for Teachers Blurring Disciplinary Lines in the Humanities Nature of Social Studies and Social Studies Education (Fall only) Earring Literacy in Secondary Classrooms (Fall only) Secondary Social Studies Methods I (Fall only) Secondary Social Studies Methods I	Hours 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

Spanish Track Content Courseworl	Requirements	
Code	Title	Credit Hours
Courses and Minim	num Required Credit Hours	
SPAN 3000	Advanced Spanish Language Skills	5
SPAN 3002	Advanced Spanish Conversation	3
SPAN 3050	Spanish Phonology and Phonetics	3
SPAN 3100	Literary and Cultural Analysis in Spanish	3
SPAN 3120	Advanced Spanish Grammar	3
Hispanic Linguistic	s. Choose one of the following courses:	3
SPAN 3010	Advanced Rhetoric and Composition	
SPAN 4430	Special Topics in Hispanic Linguistics	
SPAN 4450	Introduction to Hispanic Linguistics	
Peninsular Literatu	re. Choose one of the following courses:	3
SPAN 4150	Major Works and Trends in Literature and Culture in Spain Up to 1700	
SPAN 4160	Major Works and Trends in Literature and Culture in Spain: 1700-Present	
Latin American Lite	erature. Choose one of the following courses:	3
SPAN 4170	Major Works/Trends in Literature and Culture in Latin America Up to the 19th Century	
SPAN 4180	Major Works and Trends in Literature and Culture in Latin America: 1900-Present	
American Literature	itional 4000-level course in Spanish or Latin e. on: Peninsular or Latin American	3
	an education advisor for a list of acceptable	3
courses (edadvi	se@colorado.edu).	
	in Spanish at the 3000-level or above (may m the content requirements above).	30
Education Coursewo Code	Title	Credit Hours
-	r to Final Semester in the Program	
EDUC 1001	Humanities Teaching for Equity: Naming	1
EDUC 2001	Humanities Teaching for Equity: Noticing	2
EDUC 3001	Humanities Teaching for Equity: Negotiating	2
EDUC 3013	School and Society	3
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms (Includes up to 4 hours per week of school-based practicum; should be taken concurrently with SPAN 4650.)	3
EDUC 4112	Adolescent Development and Learning for Teachers (Includes up to 2 hours per week of outside-class service learning.)	3
EDUC 4125	Secondary World Language Methods (Includes up to 5 hours per week of school-based practicum. Fall only.)	3
SPAN 4650	Methods of Teaching Spanish (Should be taken concurrently with EDUC 4023. Spring only.)	3

Take in the Final	Semster in the Program	
EDUC 4513	Education and Practice	2
EDUC 4722	Student Teaching: Secondary School 2	5
SPAN 4660	High School Spanish Teaching	6
Total Credit Hour	'S	33

Plans of Study

English Language Arts Track

Sample four-year plan of study (with BA in English – Literature and Cultural Studies Track).

Year One

Fall Semester		Credit Hours
EDUC 1001	Humanities Teaching for Equity: Naming	1
ENGL 2102	Literary Analysis	3
ENGL Required Elect	tive ¹	3
	/Diversity course (example: Social	3
Gen. Ed. Skills cours Communication)	e (example: Lower-division Written	3
	Credit Hours	13
Spring Semester		
ENGL 2017	World Literature ²	3
Gen. Ed. Skills cours	e (example: QRMS)	3
Gen. Ed. Distribution	course (example: Social Sciences)	3
Elective		3
Elective		3
	Credit Hours	15
Year Two		
Fall Semester		
EDUC 2001	Humanities Teaching for Equity: Noticing	2
EDUC 3013	School and Society ³	3
ENGL 2112	Introduction to Literary Theory	3
ENGL Requirement (Period)	example: Medieval and Early Modern	3
Gen. Ed. Distribution	course (example: Natural Sciences)	3
Elective		3
Spring Semester	Credit Hours	17
EDUC 4112	Adolescent Development and Learning for Teachers	3
ENGL Requirement (example: 18th- or 19th-Century Literature)	3
ENGL Requirement (Disability, Gender, an	example: Studies in Ethnicity, Race, d Sexuality)	3
Gen. Ed. Distribution	course (example: Natural Sciences)	3
Gen. Ed. Distribution	course (example: Social Sciences)	3
	Credit Hours	15
Year Three		
Fall Semester		
EDUC 3001	Humanities Teaching for Equity: Negotiating	2
EDUC 4295	Narrative and Story in the Humanities	3

ENGL Requiremen	nt (example: Form, Genre, or Poetics)	3
Gen. Ed. Distributi Sciences with Lab	ion/Diversity course (example: Natural))	4
Gen. Ed. Skills cou Communication)	urse (example: Upper-Division Written	3
	Credit Hours	15
Spring Semester		
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms	3
EDUC 4490	Blurring Disciplinary Lines in the Humanities	3
ENGL Required El	ective	3
ENGL Required El	ective	3
Gen. Ed. Distributi	ion course (example: Natural Sciences)	3
	Credit Hours	15
Year Four		
Fall Semester		
EDUC 4325	Queering Literacy in Secondary Classrooms	3
EDUC 4345	Secondary English Methods I	3
ENGL 4039	Capstone in Literary Studies	3
ENGL Required El	ective	3
Elective		3
	Credit Hours	15
Spring Semester		
EDUC 4365	Secondary English Methods II	3
EDUC 4390	Teaching for Equity and Justice	3
EDUC 4712	Student Teaching: Secondary School	10
	Credit Hours	16
	Total Credit Hours	121

- ¹ The ENGL Requirements (Medieval and Early Modern Period; 18th- or 19th- Century Literature; Studies in Ethnicity, Race, Disability, Gender, and Sexuality; and Form, Genre, and Poetics) and/or ENGL Electives may also count towards the Secondary English Language Arts track's American Literature, British Literature, Multicultural Literature and Visual/Digital Communication requirements.
- ² ENGL 2017 fulfils the Secondary English Language Arts track's World Literature requirement.
- ³ EDUC 3013 satisfies a Social Sciences Distribution requirement and the US Perspective Diversity requirement for both the College of Arts & Sciences and the School of Education.

Mathematics Track

Sample four-year plan of study (with BA in Mathematics – Secondary Education Track).

Year One

Fall Semester		Credit Hours
EDUC 2035	Designing STEM Learning Environments and Experiences	3
MATH 1300	Calculus 1	5
Gen. Ed. Distribution/ Sciences/Global Pers	Diversity course (example: Social provide the second second second second second second second second second se	3

Gen. Ed. Distributio Lab)	n course (example: Natural Sciences with	4
	Credit Hours	15
Spring Semester		
MATH 2300	Calculus 2	5
Gen. Ed. Skills cour Communication)	se (example: Lower-division Written	3
Gen. Ed. Distributio Humanities)	n/Diversity course (example: Arts &	3
,	n course (example: Natural Sciences)	3
	Credit Hours	14
Year Two		
Fall Semester		
EDUC 3013	School and Society ¹	3
MATH 2400	Calculus 3	5
MATH 2001	Introduction to Discrete Mathematics	3
Gen. Ed. Distributio	n course (example: Natural Sciences)	3
Gen. Ed. Distributio	n course (example: Arts & Humanities)	3
	Credit Hours	17
Spring Semester		
EDUC 4050	Knowing and Learning in Mathematics and Science	3
MATH 2135	Introduction to Linear Algebra for Mathematics Majors	3
MATH 3001	Analysis 1	3
Gen. Ed. Distributio	n course (example: Natural Sciences)	3
Gen. Ed. Distributio	n course (example: Arts & Humanities)	3
	Credit Hours	15
Year Three		
Fall Semester		
EDUC 4060	Classroom Interactions	3
MATH 3510	Introduction to Probability and Statistics	3
	se (example: Upper-division Written	3
Communication)		0
	n course (example: Social Sciences)	3
Gen. Ed. Distributio	n course (example: Arts & Humanities)	3
	Credit Hours	15
Spring Semester EDUC 4023	Differentiating Instruction in Diverse	2
	Differentiating Instruction in Diverse Secondary Classrooms	3
EDUC 4232	Language and Literacy across the Curriculum	3
EDUC 4375	Problem-Based Math Instruction	3
MATH 3140	Abstract Algebra 1	3
MATH 3210	Euclidean and Non-Euclidean Geometry	3
	Credit Hours	15
Year Four		
Fall Semester		
EDUC 4317	Perspectives on Mathematics	3
MATH 3120	Functions and Modeling	3
MATH 4820	History of Mathematical Ideas	3
	n course (example: Social Sciences)	3
Gen. Ed. Distributio	n course (example: Arts & Humanities)	3

Elective		2
	Credit Hours	17
Spring Semester		
EDUC 4513	Education and Practice	2
EDUC 4712	Student Teaching: Secondary School	10
	Credit Hours	12
	Total Credit Hours	120

¹ EDUC 3013 satisfies a Social Sciences Distribution requirement and the U.S. Perspective Diversity requirement for both the College of Arts & Sciences and the School of Education.

Science Track

Sample four-year plan of study (with BA in Ecology and Evolutionary Biology).

Year One Fall Semester Credit Hours EDUC 2035 **Designing STEM Learning Environments** 3 and Experiences EBIO 1210 3 **General Biology 1** EBIO 1230 General Biology Laboratory 1 1 Calculus for Life Sciences ¹ 5 MATH 1310 Gen. Ed. Distribution/Diversity course (example: Arts & 3 Humanities/Global Perspective) **Credit Hours** 15 **Spring Semester** EBIO 1220 3 General Biology 2 EBIO 1240 **General Biology Laboratory 2** 1 EBIO 1010 Introduction to Statistics and 3 Quantitative Thinking for Biologists Gen. Ed. Distribution course (example: Arts & Humanities) 3 Gen. Ed. Distribution course (example: Social Sciences) 3 Gen. Ed. Skills course (example: Lower-division Written 3 Communication) Credit Hours 16 Year Two Fall Semester School and Society² EDUC 3013 3 Principles of Ecology EBIO 2040 4 General Chemistry 1³ 4 CHEM 1113 CHEM 1114 Laboratory in General Chemistry 1³ 1 Gen. Ed. Distribution course (example: Arts & Humanities) 3 15 **Credit Hours** Spring Semester EDUC 4050 Knowing and Learning in Mathematics 3 and Science EBIO laboratory or field course (Upper-Division) 4 General Physics 1³ 5 PHYS 2010 Gen. Ed. Distribution course (example: Social Sciences) 3 **Credit Hours** 15

Year	Three
------	-------

Fall Semester		
EDUC 4060	Classroom Interactions	3
EDUC 4811	Teaching and Learning Biology	3
EBIO 2070	Genetics: Molecules to Populations	4
Gen. Ed. Distribution	course (example: Social Sciences)	3
Gen. Ed. Distribution	course (example: Arts & Humanities)	3
	Credit Hours	16
Spring Semester		
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms	3
EDUC 4232	Language and Literacy across the Curriculum	3
EDUC 4385	Problem-Based Science Instruction	3
EBIO 3080	Evolutionary Biology	4
Gen. Ed. Skills course Communication)	e (example: Upper-division Written	3
	Credit Hours	16
Year Four		
Fall Semester		
EDUC 4833	Teaching and Learning Earth Systems	3
EBIO Upper-Division		4
EBIO Upper-Division		4
EBIO Upper-Division		4
	Credit Hours	15
Spring Semester		
EDUC 4513	Education and Practice	2
EDUC 4712	Student Teaching: Secondary School	10
	Credit Hours	12
	Total Credit Hours	120

¹ MATH 1310 counts towards the EBIO Ancillary Mathematics/Science Coursework, and satisfies the QRMS Skills requirement for both the College of Arts & Sciences and the School of Education.

² EDUC 3013 satisfies a Social Sciences Distribution requirement and the U.S. Perspective Diversity requirement for both the College of Arts & Sciences and the School of Education.

³ Counts towards the EBIO Ancillary Mathematics/Science Coursework, and satisfies the Science Content requirements for the School of Education.

Social Studies Track

Sample four-year plan of study (with BA in History).

Year One

Fall Semester		Credit Hours
EDUC 1001	Humanities Teaching for Equity: Naming	1
Any of the required 1 survey courses	000-level HIST United States geographic	3
Any of the required 1 survey courses	000-level HIST World Areas geographic	3
Ancillary lower-divisi	on written communication course	3

	· · · · · ·	
Caring Compositor	Credit Hours	13
-	ed 1000-level HIST Europe geographic survey	3
courses 1000-level Global	History (usually HIST 1800)	
	urse (example: QRMS)	
	tion course (example: Social Sciences)	
Elective		3
	Credit Hours	1
Year Two		
Fall Semester		
EDUC 2001	Humanities Teaching for Equity: Noticing	2
EDUC 3013	School and Society ²	
HIST 3020	Historical Thinking & Writing ³	;
HIST upper or lov	ver division level elective	
	tion course (example: Natural Sciences)	:
	on course (example: Social Sciences)	:
	Credit Hours	17
Spring Semester		
EDUC 4112	Adolescent Development and Learning	3
	for Teachers	
HIST upper or lov	ver division level elective	;
Either a 2000 or 4	1000-level HIST elective (4000-level preferred)	
Gen. Ed. Distribut	ion course (example: Natural Sciences)	;
Gen Ed Distributio	on course (example: Social Sciences)	
	Credit Hours	1
Year Three	Credit Hours	1
Year Three Fall Semester	Credit Hours	1
	Credit Hours Humanities Teaching for Equity: Negotiating	
Fall Semester	Humanities Teaching for Equity:	:
Fall Semester EDUC 3001 EDUC 4316	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements	
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab)	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with	
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse	: : : : :
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the	: :
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities	1:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities IST geographic area requirements	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities IST geographic area requirements tion course (example: Natural Sciences)	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H Gen. Ed. Distribut	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities IST geographic area requirements tion course (example: Natural Sciences)	:
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H Gen. Ed. Distribut Year Four	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities IST geographic area requirements tion course (example: Natural Sciences)	: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
Fall Semester EDUC 3001 EDUC 4316 Two 4000-level H Gen. Ed. Distribut Lab) Spring Semester EDUC 4023 EDUC 4490 Two 4000-level H Gen. Ed. Distribut Year Four Fall Semester	Humanities Teaching for Equity: Negotiating Nature of Social Studies and Social Studies Education IST geographic area requirements tion course (example: Natural Sciences with Credit Hours Differentiating Instruction in Diverse Secondary Classrooms Blurring Disciplinary Lines in the Humanities IST geographic area requirements tion course (example: Natural Sciences) Credit Hours Queering Literacy in Secondary	

HIST 3000-level Senior Seminar		3
HIST 4000-level elective		3
	Credit Hours	15
Spring Semester		
EDUC 4355	Secondary Social Studies Methods II	3
EDUC 4390	Teaching for Equity and Justice	3
EDUC 4712	Student Teaching: Secondary School	10
	Credit Hours	16
	Total Credit Hours	121

¹ The Social Sciences Distribution requirements may also count towards the Secondary Social Studies track's Content Area requirements in Cultural/Human Geography, Economics, Political Science and Sociology or Social/Cultural Anthropology.

- ² EDUC 3013 satisfies a Social Sciences Distribution requirement and the U.S. Perspective Diversity requirement for both the College of Arts & Sciences and the School of Education.
- ³ HIST 3020 fulfills Gen. Ed. Skills Upper-Division Written Communication requirement for both the College of Arts & Sciences and the School of Education.

Spanish Track

Sample four-year plan of study (with BA in Spanish – Spanish Language and Literatures Track).

Year One

Fall Semester		Credit Hours
EDUC 1001	Humanities Teaching for Equity: Naming	1
SPAN 1010	Beginning Spanish 1 (If needed, does not fulfill Spanish major or Spanish licensure course requirements)	5
Gen. Ed. Skills course Communication)	e (example: Lower-division Written	3
Gen. Ed. Distribution Lab)	course (example: Natural Sciences with	4
Elective		3
	Credit Hours	16
Spring Semester		
SPAN 1020	Beginning Spanish 2 (If needed, does not fulfill Spanish major or Spanish licensure course requirements)	5
Gen. Ed. Skills course	e (example: QRMS	3
Gen. Ed. Distribution	course (example: Natural Sciences)	3
Gen. Ed. Distribution	course (example: Social Sciences)	3
	Credit Hours	14
Year Two		
Fall Semester		
EDUC 2001	Humanities Teaching for Equity: Noticing	2
EDUC 3013	School and Society ¹	3
SPAN 2110	Second-Year Spanish 1 ((If needed, does not fulfill Spanish major or Spanish licensure course requirements)	3
Gen. Ed. Distribution, Sciences/Global Pers	/Diversity course (example: Social spective)	3

Gen. Ed. Distribution course (example: Natural Sciences)

3

Related Fields cours	se outside of Spanish	3
	Credit Hours	17
Spring Semester		
EDUC 4112	Adolescent Development and Learning for Teachers	3
SPAN 2120	Second-Year Spanish 2 (If needed, does not fulfill Spanish major or Spanish licensure course requirements)	3
Related Fields cours	se outside of Spanish	3
Gen. Ed. Distributior	n course (example: Natural Sciences)	3
Elective		3
	Credit Hours	15
Year Three		
Fall Semester		
EDUC 3001	Humanities Teaching for Equity: Negotiating	2
EDUC 4125	Secondary World Language Methods	3
SPAN 3000	Advanced Spanish Language Skills	5
Gen. Ed. Distributior	n course (example: Social Sciences)	3
SPAN Culture & Civil	lization course ²	3
	Credit Hours	16
Spring Semester		
EDUC 4023	Differentiating Instruction in Diverse Secondary Classrooms	3
SPAN 4650	Methods of Teaching Spanish	3
SPAN 3010	Advanced Rhetoric and Composition ³	3
SPAN 3100	Literary and Cultural Analysis in Spanish	3
SPAN 3120	Advanced Spanish Grammar	3
	Credit Hours	15
Year Four		
Fall Semester		
SPAN 3002	Advanced Spanish Conversation	3
SPAN 3050	Spanish Phonology and Phonetics	3
SPAN 4150	Major Works and Trends in Literature and	3
or SPAN 4160	Culture in Spain Up to 1700 or Major Works and Trends in	
	Literature and Culture in Spain: 1700- Present	
SPAN 4170	Major Works/Trends in Literature and	3
or SPAN 4180	Culture in Latin America Up to the 19th Century or Major Works and Trends in	
	Literature and Culture in Latin America: 1900-Present	
SPAN 4000 level lite		3
	Credit Hours	15
Spring Semester	orcart Hours	13
EDUC 4513	Education and Practice	2
EDUC 4722	Student Teaching: Secondary School 2	5
SPAN 4660	High School Spanish Teaching	6
		0
	Credit Hours	13

7

- ¹ EDUC 3013 satisfies a Social Sciences Distribution requirement and the U.S. Perspective Diversity requirement for both the College of Arts & Sciences and the School of Education.
- ² Choosing an upper-division Culture & Civilization course will also count towards the nine credits of upper-division SPAN electives in the Spanish major.
- ³ SPAN 3010 fulfills Gen. Ed. Skills Upper-Division Written Communication requirement for both the College of Arts & Sciences and the School of Education.

Learning Outcomes

Upon completing the program, students will be able to:

- Demonstrate pedagogical expertise in the disciplines they teach and knowledge of local, state and national learning standards.
- Establish a safe and inclusive classroom community that reflects a dynamic understanding of culture.
- Design activities, lessons and units that emphasize the importance of critical, collaborative sense-making and diverse perspectives.
- Strive toward teaching and learning environments that center students' knowledge, identities, interests and experiences and challenge deficit perspectives.
- Lead learning communities that emphasize dignity and respect through a focus on disciplinary learning.
- Demonstrate professional integrity through ethical conduct, reflection and leadership.
- Foster relationships with students, families, communities and colleagues to advocate for equity and justice.