

TEACHER EDUCATION DEPARTMENT

The Department of Teacher Education offers professional preparation for teaching and education-related careers. This department prepares and recommends candidates to the Colorado Department of Education for initial teacher licensure and endorsement to teach in Colorado public schools in the following areas: Early Childhood Education (preschool through 3rd grade), Elementary Education (K-6th grade), K-12 Education (art, music, physical education), Secondary Education (7-12th grade Math, Science, Social Studies, English and Modern Languages), and Special Education, Generalist (ages 5 through 21). Minors are available in Early Childhood Education, Elementary Education, Secondary Education, Special Education, and Linguistically Diverse Education. Courses and workshops are also offered to meet Colorado Department of Education requirements for renewal of teacher licenses and Colorado Department of Human Services group leader and director qualifications.

The underlying theme of Teacher Education at Metro State is “The Teacher as Decision Maker in Diverse Contexts.” Metro State faculty members believe that as decision makers, teacher candidates must seek information regarding the diversity of pupils’ needs, interests, abilities, cultural backgrounds, and learner characteristics. Teacher candidates must also utilize the school district’s benchmarks to develop an understanding of district curriculum. Having become familiar with pupils, goals, and the content of the curriculum, teacher candidates must then be able to make decisions regarding the appropriate arrangement of the classroom environment, selection of materials, use of appropriate methods and management techniques, and make all the concomitant decisions these choices entail.

Additionally, the student teaching assignment provides opportunities for teacher candidates to become aware of the variety of decisions they must constantly make and the possible choices available to them. They will be afforded opportunities to evaluate advantages and disadvantages of their decisions through participation in a sequence of developmental field experiences. Upon completion of the teacher licensure program, teacher candidates will be ready to begin careers as caring and competent educational decision-makers. Teacher candidates exiting the program will be able to:

- Use and apply knowledge gained from general studies, content, pedagogical studies, and personal experiences;
- Develop a reflective instructional practice that is standards-based and grounded in philosophical beliefs, research, and theory;
- Integrate math, literacy and technology into instruction;
- Use both informal and formal assessments;
- Recognize and make necessary modifications for diverse instructional learners;
- Possess the necessary professional and personal dispositions to maximize instructional impact on the P-12 learner.

The theme “Teacher as a Decision Maker in Diverse Contexts” is found throughout the courses and field experiences that are designed to expose teacher candidates to a variety of teaching theories, models, and practices formulated to help develop decision-making skills.

Teacher Education at Metro State is fully accredited by the National Council for the Accreditation of Teacher Education. The College’s teacher education programs have been approved by the Colorado Department of Education (CDE) and the Colorado Commission on Higher Education (CCHE).

Academic departments in the School of Letters, Arts, and Sciences, the School of Business and in the School of Professional Studies prepare candidates with the content and professional knowledge needed. Licensure programs in Early Childhood, Elementary, K-12 (Art, Music, Physical Education), Secondary (Math, Science, Social Studies, English, and Modern Languages), and Special Education offer teacher licensure courses, field experiences, and student teaching. The completion of a licensure program, including student teaching, a passing score on the appropriate content exam, and the completion of a bachelor’s degree in an approved major or content area (post-baccalaureate) enables a prospective candidate to apply to the Colorado Department of Education for teacher licensure in the designated endorsement area.

The particular sequence of licensure courses to be taken is determined by the level at which a candidate wishes to teach. The licensure courses may be taken along with the bachelor’s degree program or after the baccalaureate degree program has been completed. Candidates must earn at least a “C” in all licensure

courses, PSY 1800 and MTH 1610, MTH 2620 and MTL 3600 (if required.) Per college policies only courses with a grade of “C-” or better can be transferred to Metro State. Major departments may have their own acceptable grade guidelines. Licensure is granted by the Colorado Department of Education based on the presentation of appropriate documents, recommendation by the licensure officer, and payment of fees. Candidates receive endorsement in the level and/or subject area in which they are qualified to teach.

Candidates planning to enroll in a teacher education program and seeking teacher licensure are urged to maintain contact with both a major advisor and a teacher licensure advisor once a semester to receive up to date information about the status of their Metro State teacher licensure program. Program requirements may be changed by the state or the College. Candidates need to stay in close contact with their advisors to stay abreast of changes and take advantage of transition procedures. Candidates who are not registered for three consecutive semesters will be readmitted under a new *catalog*, which may include new requirements.

Post-Baccalaureate Candidate Requirements:

Post-baccalaureate candidates (teacher licensure candidates who are college graduates) must provide evidence of a baccalaureate degree. In consultation with an education or content advisor, a draft individualized program plan will be developed based on an analysis of transcripts to ensure the necessary and appropriate content knowledge and to meet the Colorado endorsement standards for licensure. Equivalent courses will be credited when feasible and appropriate. Final approval of the individualized program must be obtained from the designated education and content department advisor in secondary and K-12 licensure. Post-baccalaureate candidates should begin the program by taking the initial teacher education courses.

The admission criteria for post-baccalaureate candidates seeking licensure include evidence of having at least a bachelor’s degree and meeting the criteria for formal admission. Upon application to the teacher education program, copies of all official transcripts from previous institutions including the college where the candidate received the baccalaureate degree must be presented to the application center. Faculty in the Teacher Education Department, and the content area major, will review the transcript for completed coursework appropriate for the endorsement being sought. The post-baccalaureate candidate must successfully complete any additional courses in the content (endorsement) area, in addition to the professional sequence course work, as part of their approved teacher preparation program. It is STRONGLY recommended that post-baccalaureate candidates demonstrate successful completion of the (PLACE or PRAXIS) content exam as soon as is practical. Candidates should check with an advisor to determine the appropriate exam.

Post-baccalaureate candidates who are seeking teacher licensure, are not degree-seeking and have courses to transfer from a previous teacher education program, may become eligible to student teach with a minimum of 9 credit hours of teacher education course work. They must, of course, meet all licensure requirements. If only 9 credit hours are to be completed at Metro State, the candidate must provide a letter of recommendation from the previous teacher preparation program attesting to the candidate’s professional dispositions, performance in the field, and good academic standing.

Provisional Admission to Teacher Education Programs

All candidates must obtain provisional admission to the program before they can register for their first field experience course(s). Provisional admission is obtained by attending a Teacher Education Application Meeting and submitting the required finger printing information (contact or visit the Teacher Application Center for details on finger printing requirements). Upon application to the program, the candidate will be assigned an education advisor.

Previously taken education courses may be considered as substitutions for Metro State courses if they are less than seven years old and closely match the required courses. Candidates should take all transcripts to their education advisor for review during their first semester in the licensure program. Candidates must certify that they left any previous education programs in good standing and are eligible to return by providing a letter of verification.

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To obtain provisional admission candidates must:

- Attend an application meeting,
- Complete the application forms, including the worker's compensation form.
- Submit finger prints and fees or provide proof of prior finger print processing done through the Colorado Department of Education.

Formal Admission to Teacher Education Programs

Candidates receive information about formal admission requirements at the application meeting. Candidates must fulfill the following requirements for formal admission:

1. Evidence of the following Basic Skills:

- **Writing Skills**—Degree-seeking candidates who have successfully completed ENG 1010 and ENG 1020 (or equivalent) with a grade of "C" or better, will be initially considered as having met the Metro State Basic Skills requirement in writing. The CLEP Exam for English, with a score of at least 50, may be substituted for ENG 1010 if the candidate has successfully completed ENG 1020 (grade of "C" or better). Those teacher licensure candidates who are college graduates (also called post-baccalaureate or post-baccalaureate candidates) will be initially considered as having met the Metro State Basic Skills requirement in writing through their earned college degree. However, teacher licensure candidates (either post-baccalaureate or degree seeking) who do not demonstrate satisfactory writing skills as they progress in their teacher preparation course work will be monitored and required to develop and follow a remediation plan in order to exit the program.
- **Mathematics Skills**—To demonstrate that candidates have met the Basic Skills requirement in mathematics, they must have either successfully completed a college-level mathematics course at an accredited college or university within the last five years OR passed an Advanced Placement Exam in mathematics OR they must have met the prerequisites for MTH 1610 by achieving one of the following within the last five years:
 - score of 85 or higher on Accuplacer elementary algebra test (degree seeking)
 - score of 72 or higher on Accuplacer elementary algebra test (post-Baccalaureate) OR
 - score of 460 or higher on the SAT mathematics test OR
 - score of 19 or higher on the ACT mathematics test OR
- **Oral Competency**—All candidates (either post bac or undergraduate degree seeking) will be initially considered as having met the Metro State Basic Skills requirement in oral competency; however, teacher licensure candidates who do not demonstrate proficient oral communication skills as they progress in their teacher preparation course work will be identified, monitored, required to follow a remediation plan and demonstrate proficiency in order to exit the program. Degree-seeking candidates are recommended to take SPE 1010 for their required communications course.

2. Other Evidence to document for formal admission;

- 2.50 GPA overall coursework or 2.50 GPA over the most recent 30 semester hours of college course work completed (Note: 2.75 overall or 3.0 GPA over the last 45 semester hours needed for application for student teaching)
- Negative TB test (test taken within one year at the time of application to the program).
- Copies of all transcripts from institutions of higher education, attended previously.
- Completed fingerprint card and processing fee.

Eligibility for Student Teaching

Candidates begin the student teaching application process by attending the Student Teaching Meetings Parts I and II. The application deadline is the third Friday of September (for spring semester assignments) and the third Friday of February (for fall semester assignments). It is not possible to complete student teaching for initial licensure during the summer.

Prior to student teaching, all candidates must:

- Have been formally admitted to the teacher licensure program.
- Successfully complete all other college program and degree requirements.
- Have a minimum GPA of 2.75 in all course work or a 3.0 GPA in the last 45 credit hours.
- Successfully complete all courses required for licensure with a grade of "C" or better.
- Have a physical examination report including tuberculosis clearance within one year.

- Submit verification that the program plan and appropriate CAPP reports have been approved for student teaching by the candidate's education and major advisors.
- Complete at least 20 credit hours for degree-seeking candidates and 9 credit hours for post-baccalaureate at Metro State prior to student teaching.
- Document assessment at the developing level for all standards in the electronic portfolio (Live-Text) for all courses completed prior to the semester of application.
- Provide evidence of having passed the appropriate content examination.
- Complete MTH 1610 with a grade of "C" or better (or if a transfer or post-baccalaureate candidate, equivalent course that meets performance standard #2 of CPBS), which must be approved by a math advisor). Secondary candidates whose major is mathematics, chemistry, environmental science or economics are exempt from this requirement.
- Earn evaluations from two pre-student teaching field experiences that indicate achievement at the developing level in all course-related standard elements.

In addition, secondary and K-12 candidates must:

- Have a minimum GPA of 2.75 for all courses required in the major (or licensure content for post-baccalaureates) and 2.75 overall in their licensure courses.
- Complete all required subject area courses in the candidate's endorsement area.
- Have approval from an advisor in the major in those departments in which a major/secondary education agreement is in place

Internship candidates who meet all the requirements for student teaching and have submitted an application to intern along with evaluations will be reviewed by the internship committee for approval. An interview with internship committee members is required. Approved candidates who are hired as full time teachers will be supervised by the *College* and will register for 18 hours of student teaching credit. It is the intern's responsibility to find a paid position. Internships are usually available only in licensure areas where teacher shortages exist.

Recommendation for Licensure

To be recommended for licensure to the Colorado Department of Education, candidates must:

- Complete all requirements for a bachelor's degree in the candidate's major area.
- Complete all requirements in the professional licensure sequence.
- Pass the appropriate content examination. Candidates should check with an advisor to determine the appropriate exam.
- Complete student teaching (640 hours; 16 complete weeks) and seminar with a "satisfactory" evaluation.
- Demonstrate proficiency in all licensure standards through their teacher candidate portfolio including the teacher work sample completed during student teaching.
- Receive evaluations of the student teaching experience from the cooperating teacher and the college supervisor that indicate proficiency in all Colorado Performance-Based Standards for teacher licensure.
- Submit required evaluation documents.

Alternative Licensure Programs

The following programs are offered through Alternative Licensing. For more information on these programs and alternative routes, contact the Metro South Extended Campus at 303.721.1313. *Programs are available only to students with a bachelor's degree who have already passed the appropriate content exam and hold a teaching position in a participating school district.*

- **Teacher in Residence** is a two year program for licensure in high needs areas, particularly in Math, Science, Foreign Language and Linguistically Diverse (ESL/ELA) It is the candidate's responsibility to find a teaching position in a participating district prior to admission into the program. (p. 302)
- **CASEL Colorado Accelerated Special Education Licensure Program** is a two year alternative route to Special Education licensure as a Special Education Generalist. (pp. 302, 356)
- **Alternative Licensure Program** is a one year program for candidates who already have a record of three years full time teaching (emergency licensed or unlicensed teaching at a parochial, private, charter, out of the country school, etc.). (p. 303)

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Teacher in Residence Program (TiR)

One alternative pathway to elementary and secondary licensure at Metro State is the Colorado Department of Education approved, two-year Teacher in Residence (TiR) program. After being hired by a participating metro Denver school district, TiR candidates must enroll in the TiR program. The program requires an intensive orientation before school starts, weekly classes for two semesters, submission of a portfolio/teacher work sample and extensive ongoing coaching and mentoring throughout the first two years of teaching.

TiR candidates earn 30 semester credit hours by participating in intensive coursework through weekly instruction designed to build the skills and knowledge necessary to effectively teach and successfully manage a classroom along with classroom mentoring and coaching by master teachers and TiR faculty. By the end of the second year, having completed all program requirements, the candidate will be recommended by the participating school district for an initial teacher's license. College credit received for participation in TiR is not interchangeable with the existing traditional licensure program curriculum and credit.

To participate in the TiR program, all candidates must:

- Possess a baccalaureate degree from an accredited institution of higher education and 30 semester hours in the appropriate content area preparation as evaluated by the hiring district;
- Pass the appropriate Program for Licensing Assessments for Colorado Educators (PLACE) or PRAXIS II content exam prior to admission to the TiR program;

To participate in the TiR program, the hiring district must:

- Complete a transcript review to verify content qualifications
- Submit a TiR Authorization Application to Colorado Department of Education, which includes a Colorado Bureau of Investigation background check.

The TiR program is operated out of the Metro South Extended Campus offices at 5660 Greenwood Plaza Blvd., Suite 100. Call 303-721-1313 for more information about the program or visit the website, www.msced.edu/~tir.

Year 1:

REQUIRED COURSES	SEMESTER HOURS
TiR 4491 Teacher in Residence: Educational Theory and Methods	15
TiR 4492 Teacher in Residence Program: Advanced Field Experiences	15
<i>Total</i>	<i>30</i>

Year 2:

By the conclusion of the second year, the participating school district will recommend to the Colorado State Department of Education that the TiR teacher licensure candidate be granted an initial license to teach if the Colorado Performance Based Standards have been satisfactorily demonstrated at the proficient level during the second year. Continual demonstration of proficiency of the standards will be accomplished through each district's induction program, work with a building mentor, support from a coach, completion of a portfolio/teacher work sample and successful evaluation from the building principal.

Colorado Accelerated Special Education Licensure (CASEL)

The Colorado Accelerated Special Education Licensure (CASEL) Program is a Teacher in Residence (TiR) program that provides an alternative pathway to K-12 licensure as a special education generalist. Courses required for this program are the same as those required for the post-baccalaureate licensure program for special education generalist.

To enroll in the CASEL program, candidates must have a baccalaureate degree from a regionally accredited college or university, meet the Colorado Department of Education requirements for undergraduate coursework in general studies for elementary education licensure, pass the Elementary Education content test (PLACE 01 or PRAXIS 10014) and secure a special education teaching position with one of the participating metro-area school districts. The program requires a two-week orientation before school begins, weekly classes for 4 semesters, and a 4-week practicum during the summer between years one and two.

Alternative Licensure Program (ALP)

Metro State offers a third alternative pathway to elementary and secondary licensure. This Colorado Department of Education approved, one-year Alternative Licensure Program (ALP) has been created to assist candidates with at least 3 years of contractual instructional experience. This program is based on the Colorado Performance-Based Standards for teachers, but requirements are tailor-made for each candidate through the development of an Individualized Training Plan crafted by an analysis of each candidate's admission portfolio and participation in the initial training module. As the designated agency, Metro State will serve candidates hired by participating districts to teach in one of their schools accordingly; the ALP candidate must enroll in the AL Program at Metro State. The AL Program is designed to be completed in one school year, during which each candidate will work as both a full time teacher and full time student.

The candidate earns 15 credit hours by attending Metro State seminar courses. Additionally, each candidate is responsible for completing the individualized training plan (ITP) in one year. By the end of the year, having completed all program requirements, the candidate will be recommended for an initial license by Metro State. College credit received for participating in the ALP is not interchangeable with the existing traditional licensure program curriculum and credit. Candidates must successfully complete the entire year to receive any college credit for the program and Metro State's recommendation for licensure.

To participate in the one year Alternative Licensure Program, all candidates must:

- Hold a current Statement of Eligibility (SOE) issued by the Colorado Department of Education.
- Verify three years of contractual instructional teaching experience in their content area.
- Have a contract with one of the participating metro Denver school districts in the content area of the SOE.

The AL Program is operated out of Metro South Extended Campus offices at 5660 Greenwood Plaza Blvd., Suite 100. Please call 303 721-1313 for further information about the program or visit the website: www.mscedu/~tir.

Linguistically Diverse Education Minor and Bilingual Endorsement Program

The principal objective of the Linguistically Diverse Education Minor and Added ESL / Bilingual Endorsement Programs is to prepare future teachers to meet the needs of all students, particularly the increasing numbers of culturally and linguistically diverse students. This minor and teacher endorsement program prepares teachers to conduct all phases of classroom instruction in a culturally and linguistically diverse setting and to promote K-12 students' academic success and development of English language and literacy and/or continued Spanish literacy. In the developmental sequence, the minor provides the potential or practicing teacher with a background of intercultural understanding and the ability to deliver content and literacy instruction using research-based language acquisition theory and practice; if teacher candidates choose the bilingual focus they will also be prepared to deliver content and literacy instruction in Spanish. The Linguistically Diverse Education Minor and Added Bilingual / ESL Endorsement Programs provide three options teacher candidates may pursue in order to achieve their professional goals.

Majors with Licensure Programs

Majors with Early Childhood Education Licensure	(Preschool - 3rd Grade)
Behavioral Science	page 306
English	page 306
History	page 307
Human Development (recommended)	page 308
Speech Communications (Speech, Language, Hearing Sciences)	page 309
Minors	page 310
Post-Baccalaureate Programs	page 311

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Majors with Elementary Education Licensure (Kindergarten - 6th Grade)

Behavioral Science	page 314
Biology	page 315
Chicano Studies	page 315
English	page 316
History	page 317
Human Development	page 317
Mathematics	page 318
Modern Languages (Spanish Concentration)	page 319
Speech Communication (Speech, Language, Hearing Sciences)	page 320
Minors	page 321
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Majors with K-12 Education Licensure (Kindergarten - 12th Grade)

Art Education	pages 113, 343
Music Education	pages 181, 346
Physical Education	page 348
Post-Baccalaureate	page 350

Majors with Secondary Education Licensure (7th - 12th Grade)

English	page 325
Mathematics	page 325
Modern Languages	page 326
French	page 327
German	page 327
Spanish	page 327
Science	page 330
Biology	page 330
Chemistry	page 331
Environmental Science	page 332
Social Studies	page 333
African American Studies	page 333
Behavioral Science	page 335
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Economics	page 337
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Special Education Major (Kindergarten—12th Grade)

Special Education Generalist	page 352
Elementary Education concentration	page 354
Minor	page 355
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PROFESSIONAL EARLY CHILDHOOD EDUCATION LICENSURE

The Early Childhood Licensure Program prepares candidates to teach preschool through grade three. Through the sequence of courses and field experiences, the candidate satisfies all of Colorado's academic standards for licensure in Early Childhood Education. Candidates are prepared by an emphasis on child development of all kinds: physical, cognitive, social, and emotional, to instruct children in preschool, and kindergarten through third grade.

Candidates who wish to obtain Colorado Licensure in Early Childhood Education must earn a Bachelor of Arts (BA) degree in an approved content major. The following major advising guides are prepared to assist candidates in choosing an appropriate major for Early Childhood Education. Candidates must choose a major from the following selections in order to fulfill licensure requirements for Metro State and the state of Colorado. **The advising guides are not substitutes for meeting with academic advisors. Licensure candidates must consult an advisor in their selected major as well as one in education.** To better support candidates in their major selections, eight-semester planned sequences for each of the licensure majors can be obtained inside the Teacher Application Center in West Classroom, Room 136.

Degree-seeking Early Childhood Education Licensure candidates must choose from one of the following majors to earn licensure in Early Childhood Education:

- Behavioral Science
- English
- Human Development (recommended)
- History
- Speech Communication (Speech, Language, and Hearing Sciences)

Early Childhood Education Licensure Candidates

Candidates seeking teacher licensure must also gain admission to the Teacher Education Program. The application form for the program must be completed by attending an Application Meeting scheduled at the beginning of every semester by the Teacher Application Center (WC 136). **Formal admission must be obtained BEFORE Level II education coursework can be taken. Refer to the Provisional and Formal Admission section of this catalog for more information about the necessary process.**

General Studies for Early Childhood Education Licensure

The following general studies fulfill the general course requirements for Metro State and the Teacher Education Program for degree-seeking candidates. The following general studies or equivalent courses are required for teacher licensure for degree-seeking candidates. Post-baccalaureate candidates may need to fulfill some general studies requirements; therefore, they should contact an advisor in Early Childhood Education to verify the courses required for licensure.

REQUIRED COURSES.....	SEMESTER HOURS
ENG 1010 Freshman Composition: The Essay	3
ENG 1020 Freshman Composition: Analysis, Research, and Documentation	3
SPE 1010 Public Speaking	3
MTH 1610 Integrated Mathematics I	3
SCI 2610 Integrated Natural Science I	3
SCI 2620 Integrated Natural Science II	3
ENG 2460 Introduction to Children's Literature	3
ARTH 3060 Art and Music for Elementary Teachers (MUS 3060)	3
GEG 1920 Concepts and Connections in Geography	3
HIS 1210 American History to 1865	3
-or-	
HIS 1220 American History Since 1865	3
PSC 1010 American National Government	3
<i>General Studies</i>	33

Early Childhood Education Mathematics Requirement

MTH 2620 Integrated Mathematics II (not a General Studies course)	3
MTL 3600 Mathematics of the Elementary Curriculum (not a General Studies course)	3
<i>Math Total</i>	6

Early Childhood Education Licensure Sequence

The following courses fulfill the required courses for state licensure in Early Childhood Education as well as the minor required for the degree.

REQUIRED COURSES.....	SEMESTER HOURS
PSY 1800 Developmental Psychology	3

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RDG	3110	Foundations of Literacy Instruction in Grade P-6	3
RDG	3120	Developing Print Literacy: Preschool—Grade 3	3
SED	3600	The Exceptional Learner in the Classroom	3
ECE	2340	Foundations of Early Childhood Education	3
ECE	2350	Foundations of Early Childhood Education: Field Experience	1
ECE	3150	Developmentally Appropriate Practice I: Planning and Management with Literacy Emphasis	3
ECE	3160	Developmentally Appropriate Practice I: Field Experience	1
ECE	3330	Social Studies and Expressive Arts for the Young Child	3
ECE	3350	Documentation, Assessment, and Decision-Making for Early Childhood	3
ECE	4330	Science, Health, and Mathematics for the Young Child	3
ECE	4370	Developmentally Appropriate Practice II: Integrated Curriculum and Technology	3
ECE	4380	Developmentally Appropriate Practice II: Field Experience	1
ECE	4390	Student Teaching & Seminar: Early Childhood	12
<i>Licensure Total</i>			<i>45</i>

Behavioral Science Major with Early Childhood Licensure

The Behavioral Science major is an interdisciplinary Social Science major. The foundation courses in the major provide a strong interdisciplinary approach and broaden candidates' knowledge in the social science areas of History, Civics, Human Development, Cultural Diversity, and Economics. The core curriculum is designed to prepare candidates to teach to the Colorado Model Content Standards for Early Childhood Education.

Behavioral Science Foundation Courses

REQUIRED COURSES		SEMESTER HOURS	
ANT	1310	Introduction to Cultural Anthropology	3
ECO	2010	Principles of Economics—Macro	3
PSY	1001	Introduction to Psychology	3
SOC	1010	Introduction to Sociology	3
PSC	1010	American National Government	3
HIS	1210	American History to 1865	3
-or-			
HIS	1220	American History since 1865	3

Major Elected Focus and Upper Division Electives 24 additional hours
Candidates must take a total of 24 credit hours of electives in addition to the Behavioral Science foundation courses. Candidates select 12 credits in a major focus and 12 credits from the Behavioral Science electives. Nine credits in each of these two groups must be upper division credits for a total of 18 upper division credits. PSY 1800 is part of the Early Childhood Licensure sequence; however, the credits can be applied to the 24 credit hours of electives. See an advisor in Behavioral Science before registering for classes.

<i>Major Total</i>	<i>42</i>
General Studies and Math Total*	33
Licensure Total	46
<i>Grand Total</i>	<i>121</i>

***General Studies Exception for Behavioral Science with Early Childhood Licensure:**

PSC 1010, HIS 1210 satisfy Social Studies General Education requirements. Up to 6 hours of major courses can be applied to General Studies. See an advisor in Behavioral Science for further information.

English Major with Early Childhood Licensure

The English Major includes additional preparation in literature and composition. The core curriculum is designed to ensure that the program meets Colorado Model Content Standards. English is a major which will address the literacy standards by providing the candidate with additional preparation in language

and literacy. The program provides candidates with a strong foundation in literature and literary genres; a solid perspective on the English language, including its history, structure, and development; and both theory and practice in composition, language arts, communication, and teaching methodology. The candidates will also be prepared to teach literature of various cultures, accommodate cultural and ethnic diversity in language and writing, and communicate effectively with a diverse population of candidates.

English Foundation Courses

Literature Core

COURSES	SEMESTER HOURS
ENG 2100 Introduction to Literary Studies	3
ENG 2220 American Literature: Civil War to Present	3
ENG 3100 Chaucer, Shakespeare, Milton	3
ENG 3440 Myth, Symbol, and Allusion in Literature	3
ENG 3461 Children's Literature: Theory and Practice	3
<i>Total</i>	<i>15</i>

Language/Linguistics Core

COURSES	SEMESTER HOURS
ENG 2010 The Nature of Language	3
ENG 3020 History of the English Language	3
<i>Total</i>	<i>6</i>

Writing/Composition Core Courses

COURSES	SEMESTER HOURS
ENG 2500 Art and Craft of Writing	3
-or-	
ENG 2520 Introduction to Creative Writing	3
ENG 3510 Advanced Composition	3
<i>Total</i>	<i>6</i>

Language Arts Core

COURSES	SEMESTER HOURS
ENG 4650 Teaching Composition in the Elementary School K-6	3
ENG 4660 Teaching Literature and Language K-6 (Senior Experience)	3
<i>Total</i>	<i>6</i>

English Electives

Two upper-division English courses selected in consultation with and approved by a designated English advisor	6
Major Total	39
General Studies and Math Total	39
Licensure Total	46
<i>Grand Total</i>	<i>124</i>

General Studies Exception for English Major:

Candidates majoring in English take ENG 3461 *Children's Literature: Theory and Practice*. Therefore, English majors **do not** take ENG 2460 *Children's Literature* listed under the General Studies guide for Early Childhood Education. Instead, English majors **must choose** an additional Arts and Letters course to fulfill the general studies requirements for Metro State.

History Major with Early Childhood Licensure

The core curriculum is designed to ensure that the program meets Colorado Endorsement Standards. The curriculum is designed to prepare candidates to teach to the Colorado Model Content Standards for Early Childhood Education. The foundation courses in the major provide the candidate with the knowledge base to understand contemporary societal issues while drawing on experiences from the past.

History Foundation Courses:

COURSES	SEMESTER HOURS
HIS 1010 Western Civilization to 1603	3
HIS 1020 Western Civilization since 1603	3

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HIS 1210	American History to 1865*	3
HIS 1220	American History since 1865	3
HIS 4820	Senior Seminar	3
<i>Foundation Total</i>		15
General and Upper Division History Courses		27
<i>History majors must select 27 credit hours of History courses in consultation with an advisor to complete the program.</i>		
<i>Major Total</i>		42
General Studies and Math Total		36
Licensure Total		46
<i>Grand Total</i>		124

***General Studies Exception for History Major:**
Satisfies HIS General Education requirement

Human Development Major with Early Childhood Licensure:

Human Development is the recommended major for Early Childhood candidates. This interdisciplinary major in human development will provide students with a focus on the entire life span and in-depth knowledge about theory, research, and application in human development. Students will participate in field experience to make connections between theory, research and practice. The core curriculum of Human Development is designed to prepare candidates to pass the licensure content exam and to teach to the Colorado Model Content Standards for Early Childhood Education.

Human Development Major for Early Childhood Licensure:

HUMAN DEVELOPMENT CORE COURSES		SEMESTER HOURS
BIO 1000	Human Biology for Non-majors**	3
PSY 1001	Introductory Psychology**	3
PSY 3280	Developmental Research Methods ***	3
PSY 3340	Cognitive Development and Learning ***	3
PSY 4960	Senior Thesis in Human Development*	3
SOC 1010	Introduction to Sociology **	3
EARLY CHILDHOOD TRACK COURSES		SEMESTER HOURS
PSY 1800	Developmental Educational Psychology**	3
PSY 3240	Infancy	3
HES 3070	Parental Health Care Issues	
-or-		
NUT 2040	Introduction to Nutrition	3
SOC 3410	The Family in Transition	3
ECE 4360	Cultural Influences on the Socialization of Children (meets Multicultural Requirement)	3

*meets Senior Experience requirement

**either Major or General Studies-not both; see advisor

***Prerequisite PSY 1800 or PSY 3250 or PSY 2270/SOC 3100

In addition, candidates must take 9-10 hours from the following list. Candidates may not use the same courses to count for the major and for the minor or for General Studies.

COURSES	SEMESTER HOURS	
ECE 3340	Administration of Early Childhood Program	4
EDU 4310	Parents as Partners in Education	3
HPS 4500	Motor Learning and Development	3
PSY 2310	Introduction to Statistics for Social and Behavioral Sciences*	3
PSY 3400	Psychology of Exceptional Children	3
SLHS 2890	Language Acquisition	3

**students who have taken MTH 1210 or its equivalent and transfer before deciding to major in Human Development may substitute it for PSY 2310. MTH 1210 cannot be used for both the major and to satisfy the Level 1 General Studies mathematics requirement.*

Major Total	43-44
General Studies and Math Total*	39
Licensure Total	42
Grand Total	124-125

Speech Communications Major with Early Childhood Licensure

Speech, Language, and Hearing Sciences Concentration

An emphasis in Speech, Language, and Hearing Sciences prepares Early Childhood candidates to teach to the Colorado Model Content standards and provides a sound background for candidates pursuing careers in education, health care, and vocational rehabilitation. Graduates in Speech, Language, and Hearing Sciences will have prerequisite coursework to pursue a master's degree in Speech-Language Pathology or Audiology, which opens up possible careers in schools, community clinics, hospitals, rehabilitation centers, and practice.

Option A: For students planning to seek a graduate degree in speech-language pathology or audiology

REQUIRED COURSES	SEMESTER HOURS
ENG 2010 The Nature of Language	3
BIO 2310 Human Anatomy and Physiology I	4
SLHS 2530 Speech and Hearing Science	3
SLHS 2890 Language Acquisition	3
SLHS 3511 Anatomy and Physiology of Speech	3
SLHS 3540 Phonetics and Phonological Awareness	3
SLHS 3580 Speech Sound and Fluency Disorders	3
SLHS 3600 Audiology I	3
SLHS 3620 Aural Rehabilitation	3
SLHS 4500 Principles of Assessment and Intervention	3
SLHS 4510 Language Disorders	3
SLHS 1500 Introduction to Communication Sciences	3
-or-	
SPE 3760 Cultural Influences on Communication	3
Subtotal	37

SPE 1010 Public Speaking is a prerequisite to SLHS 2530, SLHS 3600 and SPE 3760. BIO 1080 General Biology I and 1090 General Biology Laboratory I are prerequisites for BIO 2310. These courses are required for this major and may be used to fulfill General Studies requirements.

Students planning to seek certification from the American Speech-Language-Hearing Association should take MTH 1210 Introduction to Statistics or PSY 2310 Introduction to Statistics, PSY 2210 Psychology of Human Development, and PHY 1000 Introduction to Physics or PHY 3620 Physics of Sound and Music.

Additional Courses (Select at least 5 hours)

SLHS 1500 Introduction to Communication Sciences	3
SLHS 1610 American Sign Language I	3
SLHS 1620 American Sign Language II	3
SLHS 3610 Audiology II	2
SLHS 4550 Speech-Language Pathology Assistant Methods	4
SLHS 4551 Early Childhood Communication Assessment	3
SLHS 4552 Early Childhood Communication Intervention	1
Subtotal	5
Major Total required for Option A	42

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<i>General Studies Total</i>	34
<i>Licensure Total</i>	49
<i>Grand Total</i>	125

Option B*: For students seeking licensure in Early Childhood or Elementary Education

REQUIRED COURSES	SEMESTER HOURS
SLHS 1500 Introduction to Communication Sciences	3
SLHS 1610 American Sign Language I	3
SLHS 2530 Speech and Hearing Science	3
SLHS 2890 Language Acquisition	3
SLHS 3540 Phonetics and Phonological Awareness	3
SLHS 3590 Classroom Intervention for Communication Disorders	3
SLHS 4500 Principles of Assessment and Intervention	3
ENG 2010 The Nature of Language	3
THE 3200 Oral Interpretation	3
<i>Subtotal</i>	27

Additional Courses (Select at least 9 hours)

SLHS 1620 American Sign Language II	3
SPE 1710 Interpersonal Communication	3
SLHS 3580 Speech Sound and Fluency Disorders	3
SPE 3760 Cultural Influences on Communication	3
SLHS 4551 Early Childhood Communication Assessment	3
SLHS 4552 Early Childhood Communication Intervention	1
PSY 3340 Cognitive Development and Learning	3
RDG 3530 Foundations of Language and Literacy for English Language Learners in Elementary Classrooms	3
ECE 3750 Enhancing English Language Learning in Early Childhood Education	3
THE 4220 Creative Dramatics for the Classroom Teacher	3
<i>Subtotal</i>	9
<i>Major Total required for Option B</i>	36
<i>General Studies Total</i>	33
<i>Licensure Total</i>	49
<i>Unrestricted Elective</i>	2
<i>Grand Total</i>	120

General Studies Exception for Speech Communication Licensure with Option B of the Speech, Language, Hearing Sciences Concentration. Students must take SPE 1010 instead of SPE 1710

Early Childhood Education Minor Only

Bachelor degree seeking Early Childhood licensure candidates must minor in Early Childhood Education to complete their degree and licensure program within four years.

The minor in Early Childhood Education also serves other groups of candidates. It meets the needs of candidates who wish to work with young children in a setting that does not require teacher licensure, especially in roles as parents, day care group leaders, and day care directors. Finally, it serves candidates who intend to pursue graduate studies in special education, psychology, social work or other related fields with a focus on working with young children. Candidates seeking licensure need to complete additional requirements including gaining formal admission to the Teacher Education Program and student teaching. The minor does not include all teacher licensure requirements.

REQUIRED COURSES	SEMESTER HOURS
ECE 2340 Foundations of Early Childhood Education*	3
ECE 2350 Foundations of Early Childhood Education: Field Experience*	1
ECE 3150 Developmentally Appropriate Practice I: Planning and Management with Literacy Emphasis**	3

ECE 3160	Developmentally Appropriate Practice I: Field Experience**	1
ECE 3330	Social Studies and Expressive Arts for the Young Child	3
ECE 3350	Documentation, Assessment, and Decision-Making for Early Childhood	3
ECE 4330	Science, Health, and Mathematics for the Young Child	3
RDG 3110	Foundations of Literacy Instruction in Grades P-6	3
RDG 3120	Developing Print Literacy: Preschool-Grade 3**	3
<i>Subtotal</i>		23

*These two courses must be taken concurrently.

**These three courses must be taken concurrently.

Added Endorsement in Elementary Education for Early Childhood Candidates

Early Childhood candidates who complete their licensure program at Metro State may add an endorsement (license) in Elementary Education by completing the following requirements. The added endorsement may increase the number of teaching positions the licensed Early Childhood teacher is eligible to apply for.

Required Elementary Courses

COURSES	SEMESTER HOURS
EDT 3610 Introduction to Educational Technology	2
RDG 4000 Literacy Instruction in Grades K-6	3
EDU 4100 Integrated Elementary Language Arts and Social Studies	3
EDU 4105 Integrated Elementary Language Arts and Social Studies	
Field Experience (60 hrs)*	1
EDU 4120 Integrated Methods of Teaching Science and Math: K-6	3
EDU 4125* Integrated Math & Science Field Experience (45 hrs)	1

*Field experience must take place in intermediate grades 4-6.

Other Requirements

<i>Total</i>	13
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No additional student teaching is necessary; however, the added endorsement student must demonstrate a passing score on an appropriate elementary licensure content test. These additional courses and test may be completed before or after the Early Childhood student teaching. Changes in the requirements for Elementary Licensure may affect the requirements for added endorsement.

Early Childhood Post-Baccalaureate Licensure

Admission requirements for Post-Baccalaureate candidates seeking licensure include evidence of having at least a conferred Bachelor's degree and meeting the criteria for formal admission. Upon application to the Teacher Education Program, copies of official transcripts from all the accredited colleges attended including the one where the candidate received the baccalaureate degree must be brought to the Teacher Application Center. Upon consultation, the Early Childhood advisor will review the transcript for completed course work appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete specified courses in the content area, in addition to the professional licensure sequence course work, as part of their approved teacher preparation program. Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence.

Licensure Sequence

COURSES	SEMESTER HOURS
PSY 1800 Developmental Educational Psychology	3
ECE 2340 Foundations of Early Childhood Education	3
ECE 2350 Foundations of Early Childhood Education: Field Experience	1
RDG 3110 Foundations of Literacy Instruction in Grade P-6	3
RDG 3120 Developing Print Literacy: Preschool—Grade 3	3
SED 3600 The Exceptional Learner in the Classroom	3

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ECE	3150	Developmentally Appropriate Practice I: Planning and Management with Literacy Emphasis	3
ECE	3160	Developmentally Appropriate Practice I: Field Experience	1
ECE	3330	Social Studies and Expressive Arts for the Young Child	3
ECE	3350	Documentation, Assessment, and Decision-Making for Early Childhood	3
ECE	4330	Science, Health, and Mathematics for the Young Child	3
ECE	4370	Developmentally Appropriate Practice II: Integrated Curriculum and Technology	3
ECE	4380	Developmentally Appropriate Practice II: Field Experience	1
EDU	4390	Student Teaching & Seminar: Early Childhood (P-3)	12

Additional Licensure Requirements

MTH	1610	Integrated Mathematics I	3
MTH	2620	Integrated Mathematics II	3
MTH	3600	Mathematics of the Elementary Curriculum (not a General Studies course)	3
PHY	1800	Developmental Educational Psychology	3
<i>Total</i>			<i>12</i>
<i>Licensure Total</i>			<i>45</i>
<i>General Studies</i>			<i>9</i>
<i>Grand Total</i>			<i>55</i>

PROFESSIONAL ELEMENTARY EDUCATION LICENSURE

The Elementary Licensure Program prepares candidates to teach kindergarten through grade six. Through the sequence of courses and field experiences, the candidate satisfies all of Colorado's performance based standards for licensure in elementary education.

Degree seeking Elementary Education Licensure candidates must choose from one of the following approved majors in order to complete the degree-seeking program in Elementary Education.

- Behavioral Science
- Biology
- Chicano Studies
- English
- History
- Human Development
- Mathematics
- Modern Languages-Spanish Concentration
- Speech Communication-Speech, Language, and Hearing Sciences Concentration

The requirements of each major are designed to ensure that the program meets Colorado Licensure Standards and prepares candidates to pass the corresponding licensure content examination and to teach to the Colorado Model Content Standards for Elementary Education.

General Studies Requirements for Elementary Education Licensure

Content area knowledge for elementary education is provided by the student's major, the additional required content courses, and by the specific general studies requirements listed below. In most cases the courses listed below may be applied towards Metro State's General Studies requirements. The footnotes contain information about the exceptions.

A student's major program may have some specific General Studies requirements/restrictions that must also be met to complete the baccalaureate degree. Students should consult with an advisor in their major about specific General Studies requirements and with an education advisor about possible changes in the courses below.

General Studies Courses

REQUIRED COURSES	SEMESTER HOURS
ENG 1010 Freshman Composition: The Essay	3
ENG 1020 Freshman Composition: Analysis, Research, and Documentation	3
MTH 1610 Integrated Mathematics I ¹	3

SPE	1010	Public Speaking ²	
		-or-	
SPE	1710	Interpersonal Communications ²	3
HIS	1210	American History to 1865 ³	
		-or-	
HIS	1220	American History since 1865 ³	3
ARTH	3060	Art and Music for Elementary Teachers (MUS 3060)	3
ENG	2460	Introduction to Children's Literature for Non-Majors ⁴	3
GEO	1000	World Regional Geography	
		-or-	
GEG	1920	Concepts and Connections in Geography	3
PSY	1800	Developmental Educational Psychology ⁵	3
SCI	2610	Integrated Natural Science I ⁶	3
SCI	2620	Integrated Natural Science II ^{6,7}	3
<i>Total General Studies</i>			33

¹ The Level I General Studies Mathematics requirement is waived for students with a major or minor in mathematics. Mathematics majors take MTH 1410 instead of MTH 1610 and their total for General Studies is 30 hours.

² Speech Communication majors must take SPE 1010.

³ History majors must take three extra credit hours at Level II in either Arts and Letters, Social Sciences, or Natural Science in lieu of three hours in the Historical category. The selected course may not have the HIS prefix or be crosslisted with a course with the HIS prefix.

⁴ English majors must select another Level II Arts and Letters General Studies course and take ENG 3461 instead of ENG 2460. The selected course may not have the ENG prefix or be crosslisted with a course with the ENG prefix.

⁵ Human Development majors must select another Level II General Sciences Social Sciences course other than SOC 1010, PSY 1800 or any other PSY course.

⁶ Biology majors must take CHE 1110, CHE 1150, and one additional course chosen in consultation with a Biology Education advisor, instead of SCI 2610 and SCI 2620, and their total for General Studies is 37.

⁷ Speech Communication majors taking Option A of the Speech, Language, and Hearing Sciences Concentration take BIO 1080 and BIO 1090 instead of SCI 2620 and their total for General Studies is 34.

Professional Elementary Education Licensure Sequence

Additional Required Content Courses

REQUIRED COURSES	SEMESTER HOURS
MTH 2620 Integrated Mathematics II	3
MTL 3600 Mathematics of the Elementary Curriculum	3
HPS 2130 Health and Physical Education for Elementary Teachers	2
<i>Total Required Additional Content</i>	8

Foundations

REQUIRED COURSES	SEMESTER HOURS
EDT 3610 Applications of Educational Technology	2
	-or-
EDT 3010 Instructional Delivery for Interactive Learning Environments	3
EDU 3000 Introduction to Education	1
EDU 3200 Human Diversity: Applications to Multicultural Education	3
RDG 3110 Foundations of Literacy Instruction in Grades P-6	3
SED 3600 The Exceptional Learner in the Classroom	3
<i>Total Foundations</i>	12

Integrated Methods

REQUIRED COURSES	SEMESTER HOURS
EDU 3640 Basic Techniques of Instruction, Assessment and Management	3
EDU 3650 Field Experience: Basic Techniques of Instruction, Assessment and Management	1

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EDU 3660	Teaching Writing K-6 *	2
EDU 4100	Integrated Methods of Teaching Social Studies and Literacy: K-6	3
EDU 4105	Field Experience: Integrated Social Studies and Literacy: K-6	1
RDG 4000	Literacy Instruction in Grades K-6	3
EDU 4120	Integrated Methods of Teaching Science, Health and Mathematics: K-6	3
EDU 4125	Field Experience: Integrated Science, Health and Mathematics: K-6	1
EDU 4190	Elementary Student Teaching and Seminar: K-6 (Initial elementary licensure requires 12 hours student teaching)	12
<i>Total Integrated</i>		29
<i>Grand Total Licensure Sequence</i>		49

* English major must substitute ENG 4650 for this course.

Candidates seeking teacher licensure must also gain admission to the Teacher Education Program. The application form for the program must be completed by attending an Application Meeting scheduled through the Teacher Application Center (WC 136). Formal admission must be obtained BEFORE Integrated Methods coursework can be taken. Refer to the Provisional and Formal Admission section of this Catalog for more information about the necessary process.

Majors with Elementary Education Licensure

Candidates who wish to obtain Colorado Licensure in Elementary Education must earn a Bachelor of Arts (BA) degree in an approved content major. Candidates must choose a major from the following selections in order to fulfill licensure requirements for Metro State and the State of Colorado. Licensure candidates must consult an advisor in their selected major as well as one in education. To better support candidates in their major selections, eight-semester planned sequences for each of the licensure majors can be obtained inside the Teacher Application Center in West Classroom, Room 136.

Behavioral Science Major with Elementary Licensure

The Behavioral Science major is an interdisciplinary Social Sciences major. The foundation courses in the major provide a strong interdisciplinary approach and broaden candidates' knowledge in the social science areas of history, civics, human development, cultural diversity, and economics.

Behavioral Science Foundation Courses

REQUIRED COURSES	SEMESTER HOURS
ANT 1310 Introduction to Cultural Anthropology	3
ECO 2010 Principles of Economics—Macro	3
PSY 1001 Introduction to Psychology	3
SOC 1010 Introduction to Sociology	3
PSC 1010 American National Government	3
HIS 1210 American History to 1865*	
—or—	
HIS 1220 American History since 1865*	3
<i>Foundation Total</i>	18

* One of HIS 1210 and HIS 1220 must be used to meet the General Studies Requirements for Elementary Education Licensure. The other course must be chosen here.

Major Elected Focus and Upper Division Electives. 24 additional hours

Candidates must take a total of 24 credit hours of electives approved by a Behavioral Science advisor in addition to the Behavioral Science foundation courses. Candidates select 12 credits in a major focus and 12 credits from the Behavioral Science electives, nine credits in each of these groups must be upper division credits for a total of 18 upper division credits. See an advisor in Behavioral Science before registering for classes.

<i>Major Total</i>	42
<i>General Studies Total</i>	33
<i>Licensure Total</i>	49
<i>Grand Total</i>	124

Biology Major with Elementary Licensure

A candidate majoring in Biology and seeking Elementary Education Teacher Licensure will receive a broad, diverse education in the sciences with a focus in Biological Sciences. The Biology Major includes additional preparation in life sciences, botany, zoology, ecology, physiology and genetics (health content).

Biology Major Foundation Courses

REQUIRED COURSES	SEMESTER HOURS
BIO 1080 General Biology I	3
BIO 1090 General Biology Laboratory I	1
BIO 1081 General Biology II	3
BIO 1091 General Biology Laboratory II	1
BIO 2400 General Microbiology	5
BIO 3600 General Genetics	4
BIO 4850 Evolution	3
BIO 4510 Microbial Ecology*	
-or-	
BIO 4540 Plant Ecology*	
-or-	
BIO 4550 Animal Ecology*	4
<i>Subtotal</i>	<i>24</i>

Additional Major Courses:

Upper Division Biology Electives selected in consultation with and approved by a Biology Advisor	16
<i>Major Total</i>	<i>40</i>
<i>General Studies Total (includes General Studies Exception)</i>	<i>36</i>
<i>Licensure Total</i>	<i>49</i>
<i>Grand Total</i>	<i>125</i>

* Senior Experience course

General Studies Exception for Biology Major with Elementary Licensure

Candidates majoring in Biology must take the following courses to fulfill the Natural Science General Studies requirement. Therefore, Biology majors do not have to take the Integrated Sciences courses (SCI 2610 or SCI 2620) listed under the General Studies requirement for Elementary Education.

COURSES	SEMESTER HOURS
CHE 1100 Principles of Chemistry	4
CHE 1150 Principles of Chemistry Laboratory	1
GEL 1010 General Geology	4
-or-	
PHY 1000 Introduction to Physics	4

Chicano Studies Major with Elementary Licensure

Candidates with this major will have strength in history with five or six history courses including four or five in the major and one in General Studies. In particular, candidates will have a course in Colorado history, one that is pertinent to the Chicano Studies major and elementary school teachers. Candidates will also have strength in literacy with five English courses including three in the major and two in General Studies.

Chicano Studies Foundation Courses

REQUIRED COURSES	SEMESTER HOURS
CHS 1000 Introduction to Chicana/o Studies	3
CHS 1010 History of Meso-America: Pre-Columbian and Colonial Periods (HIS 1910)	3
CHS 1020 History of the Chicana/o in the Southwest: 1810 to Present (HIS 1920)	3
CHS 2010 Survey of Chicana/o Literature (ENG 2410)	3
CHS 3010 The Mexican Revolution (HIS 3830)	3
CHS 3100 The Chicana/o Community (SOC 3130)	3
CHS 3300 Education of Chicano Children (EDU 3120)	3

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CHS 3460	La Chicana (WMS 346D)	3
CHS 3600	Mexico and Chicana/o Politics	3
CHS 4850	Research Experience in Chicana/o Studies*	3
<i>Foundation Total</i>		<i>30</i>

Additional Required Courses

COURSES		SEMESTER HOURS
ENG 1100	Introduction to Literature	3
ENG 3440	Myth, Symbol and Allusion in Literature	3
HIS 1110	Colorado History I	3
GEG 2020	Geography of Colorado	
-or-		
HIS 1210	American History to 1865**	
-or-		
HIS 1220	American History since 1865 **	3
<i>Additional Required Courses Total</i>		<i>12</i>
<i>Major Total</i>		<i>42</i>
<i>General Studies Total</i>		<i>33</i>
<i>Licensure Total</i>		<i>49</i>
<i>Grand Total</i>		<i>124</i>

* Senior Experience course

** One of HIS 1210 and HIS 1220 must be used to meet the General Studies Requirements for Elementary Education Licensure. The other course can be chosen here.

English Major with Elementary Licensure

The English Major includes additional preparation in literature and composition. English is a major which will address the literacy standards by providing the candidate with additional preparation in language and literacy. The program provides candidates with a strong foundation in literature and literary genres; a solid perspective on the English language, including its history, structure, and development; and both theory and practice in composition, language arts, communication, and teaching methodology. The candidate will also be prepared to teach literature of various cultures, accommodate cultural and ethnic diversity in language and writing, and communicate effectively with a diverse population of candidates.

Language Arts Courses

COURSES		SEMESTER HOURS
ENG 4650	Teaching Composition in the Elementary School K-6	3
ENG 4660	Teaching Literature and Language K-6 *	3
<i>Subtotal</i>		<i>6</i>

Language/Linguistics Courses

COURSES		SEMESTER HOURS
ENG 2010	The Nature of Language	3
ENG 3020	History of the English Language	3
<i>Subtotal</i>		<i>6</i>

Literature Courses

COURSES		SEMESTER HOURS
ENG 2100	Introduction to Literary Studies	3
ENG 2220	American Literature: Civil War to Present	3
ENG 3100	Chaucer, Shakespeare, Milton	3
ENG 3440	Myth, Symbol, and Allusion in Literature	3
ENG 3461	Children's Literature: Theory and Practice	3
<i>Subtotal</i>		<i>15</i>

Writing/Composition Courses

COURSES		SEMESTER HOURS
ENG 2500	Art and Craft of Writing	3
-or-		
ENG 2520	Introduction to Creative Writing	3

ENG 3510 Advanced Composition	3
<i>Subtotal</i>	6
English Electives -- Two upper-division English courses selected in consultation with and approved by a designated English Advisor	6
<i>Major Total</i>	39
<i>General Studies Total</i>	33
<i>Elective Credit (chosen in consultation with an advisor)</i>	1
<i>Licensure Total (EDU 3660 is not taken)</i>	47
<i>Grand Total</i>	120
* Senior Experience course	

General Studies Exception for English Major with Elementary Licensure

Candidates majoring in English take ENG 3461 Children’s Literature: Theory and Practice instead of ENG 2460 Children’s Literature listed in General Studies requirements for Elementary Licensure. English majors must choose an additional Arts and Letters course to fulfill the General Studies requirements. The selected course may not have the ENG prefix or be crosslisted with a course with the ENG prefix.

History Major with Elementary Licensure

History is a broad, diverse study which addresses both world and United States history. Content is also provided in supporting disciplines such as economics, civics, and geography. The foundation courses in the major provide the candidate with the knowledge base to understand contemporary societal issues while drawing on experiences from the historical past.

History Foundation Courses

REQUIRED COURSES	SEMESTER HOURS
HIS 1010 Western Civilization to 1603	3
HIS 1020 Western Civilization since 1603	3
HIS 1210 American History to 1865	3
HIS 1220 American History since 1865	3
HIS 4820 Senior Seminar *	3
<i>Subtotal</i>	15
History Electives – selected in consultation with and approved by a designation History Advisor	7
<i>Major Total</i>	42
<i>General Studies Total</i>	33
<i>Licensure Total</i>	49
<i>Grand Total</i>	124
* Senior Experience course	

General Studies Exception for History Major with Elementary Licensure

History majors must take three extra credit hours at Level II in either Arts and Letters, Social Sciences, or Natural Science in lieu of three hours in the Historical category. The selected course may not have the HIS prefix or be crosslisted with a course with the HIS prefix.

Human Development Major with Elementary Licensure

This interdisciplinary major in human development will provide students with a focus on the entire life span and in-depth knowledge about theory, research, and application in human development. Students will participate in field experiences to make connections between theory, research and practice.

Human Development Foundation Courses

REQUIRED COURSES	SEMESTER HOURS
BIO 1000 Human Biology for Non-Majors 1	3
PSY 1001 Introductory Psychology 1	3
PSY 1800 Developmental Educational Psychology 1	3
SOC 1010 Introduction to Sociology 1	3

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PSY	2310	Introduction to Statistics for Social and Behavioral Sciences 2	3
SLHS	2890	Language Acquisition	3
PSY	3250	Child Psychology	3
PSY	3280	Developmental Research Methods	3
PSY	3340	Cognitive Development and Learning	3
SOC	3410	The Family in Transition	3
PSY	4960	Senior Thesis in Human Development 3	3
HPS	4500	Motor Learning and Development	3
HES	3070	Parental Health Care Issues	
		-or-	
NUT	2040	Introduction to Nutrition	3
		Elective approved by a Human Development advisor	3
		<i>Major Total</i>	.42
		<i>General Studies Total</i>	.33
		<i>Licensure Total</i>	.49
		<i>Grand Total</i>	.124

¹ May not be used for General Studies requirements, see advisor.

² Students who have taken MTH 1210 or its equivalent and transfer before deciding to major in Human Development may substitute it for PSY 2310. MTH 1210 cannot be used for both the major and to satisfy the Level 1 General Studies Mathematics requirement.

³ Senior Experience courses

Mathematics Major with Elementary Licensure

The Department of Mathematical and Computer Sciences offers a major in Mathematical Sciences with a concentration in Mathematics Education. The goals of this program are to provide candidates with broad-based and coherent preparation in the various disciplines that constitute the mathematical sciences and the pedagogical knowledge of mathematics needed to begin a career as an elementary school teacher. Obtaining this degree, however, does not require that candidates obtain licensure to be an elementary school teacher. This concentration also prepares candidates for continued study of the mathematical sciences at the graduate level. Candidates are required to talk to a faculty advisor in the area of mathematics education as well as a teacher licensure advisor as they plan their academic program.

The mathematics major with Mathematics education concentration requires completion of the courses listed below with grades of "C" or better. A course taken more than ten years ago will need to be repeated unless the candidate can demonstrate current knowledge of the concepts of the course.

Mathematics Core Courses

COURSES	SEMESTER HOURS
MTH 1410 Calculus I	4
MTH 2410 Calculus II	4
MTH 2420 Calculus III	4
MTH 3100 Introduction to Mathematical Proofs	3
<i>Math Core Total</i>	.15

Advanced Courses

COURSES	SEMESTER HOURS
MTH 3110 Abstract Algebra	3
MTH 3140 Linear Algebra*	4
MTH 3210 Probability and Statistics	4
MTH 3470 Introduction to Discrete Mathematics and Modeling	3
MTH 3650 Foundations of Geometry	3
MTH 4600 Seminar in Problem Solving	1
MTH 4640 History of Mathematics**	4
<i>Advanced Math Total</i>	.22

*MTH 3130 and one of the following (MTH 4110 or MTH 4150 or MTH 4410 or MTH 4660) may substitute for MTH 3140.

**Senior Experience Course

Computer Science Course

CS 1050	Computer Science 1	.....
	-or-		
CSS 1247	Introduction to Programming: Visual Basic	.....
	-or-		
MTH 1510	Computer Programming: FORTRAN	.....	4
<i>Computer Science Total</i>			<i>4</i>
<i>Major Total</i>			<i>41</i>
<i>General Studies Total</i>			<i>30</i>
<i>Licensure Total</i>			<i>49</i>
<i>Grand Total</i>			<i>120</i>

General Studies Exception for Mathematics Major with Elementary Licensure

The Level I General Studies Mathematics requirement is waived for students with a major or minor in mathematics. Mathematics majors take MTH 1410 instead of MTH 1610 and their total for General Studies is 30 hours.

Modern Language Major, Spanish Concentration with Elementary Licensure

The Modern Languages Major with Spanish concentration includes additional preparation to teach in bilingual classrooms. The Spanish concentration provides a strong multidisciplinary educational base in the language of Spanish, Spanish culture, and Spanish literature. Content is also provided in supporting disciplines such as economics, civics, geography, and music. The foundations courses in the major provide the candidate with the knowledge and skills to develop into language and literature specialists in a true arts tradition. This concentration requires 36 hours in Spanish and 6 hours of Hispanic topics.

Culture

COURSE		.....	SEMESTER HOURS
SPA 3200	Culture and Civilization of Spain	.....	3
SPA 3210	Spanish-American Culture and Civilization	.....
	-or-		
SPA 3220	Folklore and Culture of the Mexican Southwest	.....	3
<i>Subtotal</i>			<i>6</i>

Hispanic Topics

COURSE		.....	SEMESTER HOURS
CHS 3100	The Chicana/o Community (SOC 3130)	.....	3
CHS 1020	History of the Chicana/o in the Southwest-1810 to Present (HIS 1920)	.....	3
<i>Subtotal</i>			<i>6</i>

Literature

COURSE		.....	SEMESTER HOURS
SPA 3250	Introduction to Literary Studies in Spanish	.....	3
SPA 3400	Survey of Spanish Literature I		
	-or-		
SPA 3410	Survey of Spanish Literature II	.....	3
SPA 3510	Survey of Latin American Literature	.....	3
<i>Subtotal</i>			<i>9</i>

Oral Communication Skills

COURSE		.....	SEMESTER HOURS
SPA 2120	Spanish Reading and Conversation II	.....	3
SPA 3110	Advanced Conversation	3
SPA 3150	Spanish Phonetics: Theory and Practice	3
<i>Subtotal</i>			<i>9</i>

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Written Communication Skills

COURSES	SEMESTER HOURS
SPA 2320 Spanish Grammar and Composition II	3
SPA 3140 Advanced Composition	3
SPA 4010 Advanced Spanish Writing and Grammar I	3
SPA 4020 Advanced Spanish Writing and Grammar II	3
<i>Subtotal</i>	<i>12</i>
<i>Major Total</i>	<i>42</i>
<i>General Studies Total</i>	<i>33</i>
<i>Licensure Total</i>	<i>49</i>
<i>Grand Total</i>	<i>124</i>

Speech Communication Major - Speech, Language, and Hearing Sciences Concentration, with Elementary Licensure

An emphasis in Speech, Language, and Hearing Sciences provides a sound background for candidates pursuing careers in education, health care, and vocational rehabilitation. Graduates in Speech, Language, Hearing Sciences who complete Option A will have the prerequisite coursework to pursue a graduate degree in Speech- Language Pathology or Audiology, which opens careers in schools, community clinics, hospitals, rehabilitation centers, and practice. Students who select Option B will gain additional practicum experience working with children who have speech, language and literacy needs in early childhood and elementary school settings.

Speech, Language, and Hearing Sciences Option A

COURSES	SEMESTER HOURS
ENG 2010 The Nature of Language	3
BIO 2310 Human Anatomy and Physiology I	4
SLHS 2530 Speech and Hearing Science	3
SLHS 2890 Language Acquisition	3
SLHS 3511 Anatomy and Physiology of Speech	3
SLHS 3540 Phonetics and Phonological Awareness	3
SLHS 3580 Speech Sound and Fluency Disorders	3
SLHS 3600 Audiology I	3
SLHS 3620 Aural Rehabilitation	3
SLHS 4500 Principles of Assessment and Intervention	3
SLHS 4510 Language Disorders	3
SLHS 1500 Introduction to Communication Sciences	
-or-	
SPE 3760 Cultural Influences on Communication	3
<i>Subtotal</i>	<i>37</i>

Additional Courses (Select at least 5 hours)

SLHS 1500 Introduction to Communication Sciences	3
SLHS 1610 American Sign Language I	3
SLHS 1620 American Sign Language II	3
SLHS 3610 Audiology II	2
SLHS 4550 Speech-Language Pathology Assistant Methods	4
SLHS 4551 Early Childhood Communication Assessment	3
SLHS 4552 Early Childhood Communication Intervention	1
<i>Subtotal</i>	<i>5</i>
<i>Major Total required for Option A</i>	<i>42</i>
<i>General Studies Total</i>	<i>34</i>
<i>Licensure Total</i>	<i>49</i>
<i>Grand Total</i>	<i>125</i>

Students planning to seek certification from the American Speech-Language-Hearing Association should take MTH 1210 Introduction to Statistics or PSY 2310 Introduction to Statistics, PSY 2210 Psychology of Human Development, and PHY 1000 Introduction to Physics or PHY 3620 Physics of Sound and Music.

General Studies Exception for Speech Communication Licensure with Option A of the Speech, Language, and Hearing Sciences Concentration

Students must take SPE 1010 instead of SPE 1710 and must take BIO 1080 and BIO 1090 instead of SCI 2620.

Speech, Language, and Hearing Sciences Option B

COURSES	SEMESTER HOURS
SLHS 1500 Introduction to Communication Sciences	3
SLHS 1610 American Sign Language I	3
SLHS 2530 Speech and Hearing Science	3
SLHS 2890 Language Acquisition	3
SLHS 3540 Phonetic and Phonological Awareness	3
SLHS 3590 Classroom Intervention for Communication Disorders	3
SLHS 4500 Principles of Assessment and Intervention	3
ENG 2010 The Nature of Language	3
THE 3200 Oral Interpretation	3
<i>Subtotal</i>	<i>27</i>

Additional Courses (Select at least 9 hours)

COURSES	SEMESTER HOURS
SLHS 1620 American Sign Language II	3
SPE 1710 Interpersonal Communication	3
SLHS 3580 Speech Sound and Fluency Disorders	3
SPE 3760 Cultural Influences on Communication	3
SLHS 4551 Early Childhood Communication Assessment	3
SLHS 4552 Early Childhood Communication Intervention	3
PSY 3340 Cognitive Development and Learning	3
RDG 3530 Foundations of Language and Literacy for English Language Learners in Elementary Classrooms	3
ECE 3750 Enhancing English Language Learning in Early Childhood Education	3
THE 4220 Creative Dramatics for the Classroom Teachers	3
<i>Subtotal</i>	<i>9</i>
<i>Major Total</i>	<i>36</i>
<i>General Studies Total</i>	<i>33</i>
<i>Licensure Total</i>	<i>49</i>
<i>Unrestricted Elective</i>	<i>2</i>
<i>Grand Total</i>	<i>120</i>

General Studies Exception for Speech Communication Licensure with Option B of the Speech, Language, and Hearing Sciences Concentration

Students must take SPE 1010 instead of SPE 1710.

Elementary Education Minor Only (Non-Licensure)

The Elementary Education Minor Only serves individuals who are interested in working with elementary aged children (ages 5-12) outside the K-6 classroom (e.g. recreation fields, summer camps, travel programs, after school enrichment programs, day care). The Elementary Education Minor Only does not meet licensure requirements. Elementary Education Minor Only students are required to meet the General Studies courses for their major, not for Elementary Education Licensure.

COURSES	SEMESTER HOURS
MTH 1610 Integrated Mathematics I*	
- or -	
MTH 2620 Integrated Mathematics II	3

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PSY	1800	Developmental Educational Psychology **	3
HPS	2130	Health and Physical Education for Elementary Teachers	2
EDT	3610	Applications of Educational Technology	2
EDU	3000	Introduction to Education	1
EDU	3200	Human Diversity: Applications to Multicultural Education	3
RDG	3110	Foundations of Literacy Instruction in Grades P-6	3
SED	3600	The Exceptional Learner in the Classroom	3
<i>Total Required Hours</i>			<i>20</i>

* If MTH 1610 is used in General Studies, MTH 2620 cannot be used in the minor.

** PSY 1800 cannot be used in both the minor and General Studies. See an advisor in Education for additional options.

Elementary Education Post Baccalaureate

Admission requirements for Post Baccalaureate candidates seeking licensure include evidence of having at least a conferred Bachelor's degree and meeting the criteria for formal admission. Upon application to the Teacher Education Program, copies of official transcripts from all the accredited colleges attended including the one where the candidate received the baccalaureate degree must be brought to the Teacher Application Center. The Elementary Education area advisors will review the transcript for completed course work appropriate for the elementary endorsement. Post baccalaureate candidates may need additional content courses (noted below). Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence and take the licensure content exam at their earliest opportunity.

Elementary Education Post Baccalaureate Licensure

Content Courses

PSY	1800	Developmental Educational Psychology	3
MTH	1610	Integrated Mathematics I	3
MTH	2620	Integrated Mathematics II	3
MTL	3600	Mathematics of the Elementary Curriculum	3
HPS	2130	Health and Physical Education for Elementary Teachers	2
SCI	2610	Integrated Natural Science I*	3
SCI	2620	Integrated Natural Science II*	3
ENG	2460	Introduction to Children's Literature for Non Majors*	3
<i>Total Content</i>			<i>14-23</i>

* May be waived depending on previous course work/experience.

Foundations

COURSES	SEMESTER HOURS
EDT 3610 Applications of Educational Technology	2
-or-	
EDT 3010 Instructional Delivery for Interactive Learning Environments	3
EDU 3000 Introduction to Education	1
EDU 3200 Human Diversity: Applications to Multicultural Education	3
RDG 3110 Foundations of Literacy Instruction in Grades P-6	3
SED 3600 The Exceptional Learner in the Classroom	3
Total Foundations	12

Integrated Methods

COURSES	SEMESTER HOURS
EDU 3640 Basic Techniques of Instruction, Assessment and Management	3
EDU 3650 Field Experience: Basic Techniques of Instruction, Assessment and Management	1
EDU 3660 Teaching Writing K-6	2
EDU 4100 Integrated Methods of Teaching Social Studies and Literacy: K-6	3
EDU 4105 Field Experience: Integrated Social Studies and Literacy: K-6	1
RDG 4000 Literacy Instruction in Grades K-6	3
EDU 4120 Integrated Methods of Teaching Science, Health and Mathematics: K-6	3

EDU 4125	Field Experience: Integrated Science, Health and Mathematics: K-6	1
EDU 4190	Elementary Student Teaching and Seminar: K-6 (Initial elementary licensure requires 12 hours student teaching)	12
	Total Integrated.	29
	Grand Total	55-64

*** If PSY 1800 is being used in your major, see your Teacher Education advisor for help in satisfying your minor.*

PROFESSIONAL SECONDARY EDUCATION LICENSURE

Please visit the Teacher Education Department for more information on Secondary Education. These programs are currently under revision.

Majors with Secondary Education Licensure

The Secondary Education Program offers professional preparation for teaching and education-related careers in collaboration with the Educational Technology, and Special Education Programs and various academic major departments. This program prepares candidates to apply to the Colorado Department of Education for initial teacher licensure to teach in secondary schools (7-12 grades) with endorsements in: English, Mathematics, Modern Languages (French, Spanish, German) Science (Biology, Chemistry, Environmental Science), or Social Studies (African and African American Studies, Behavioral Science, Chicano/a Studies, Economics, History, and Political Science)

- English
- Mathematics
- Modern Languages (French, Spanish and or German)
- Science (Biology, Chemistry, or Environmental Science)
- Social Studies (African and African American Studies, Behavioral Science, Chicano Studies, Economics, History, or Political Science)

All secondary candidates must consult two advisors, one in secondary education and one in their major (i.e. content) area. Secondary education candidates seeking teacher licensure in English, Math, or Modern Languages major must meet with an advisor in those specific academic areas. Secondary education candidates seeking Science or Social Studies must choose an approved academic major (Biology, Chemistry, or Environmental Science) or (African and African American Studies, Behavioral Science, Chicano Studies, Economics, History, or Political Science). Post-Baccalaureate candidates may receive approval for a major in a closely related field.

The following general studies courses fulfill the general course requirements for Metro State and the Teacher Education Program for degree-seeking candidates. Post-baccalaureate candidates need to fulfill some general studies requirements and may need additional content area course. See the Post-Baccalaureate information at the end of the Secondary Licensure section, pg. 342

General Studies Requirements:

REQUIRED COURSES.	SEMESTER HOURS
ENG 1010 Freshman Composition: The Essay	3
ENG 1020 Freshman Composition: Analysis, Research and Documentation	3
SPE 1010 Public Speaking	3
MTH 1610* Integrated Mathematics I	3
XXX XXXX General Studies History	3
XXX XXXX General Studies Arts & Letters	6
XXX XXXX General Studies Social Sciences met in licensure	0
XXX XXXX General Studies Natural Sciences	6
<i>General Studies Total</i>	<i>27</i>

**Science and math licensure candidates may not be required to take MTH 1610. Consult an advisor in Secondary Education.*

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Secondary Education Licensure Sequence:

The following courses fulfill a licensure candidate's education courses for state licensure including the requirements for a minor required for the bachelor's degree. All secondary licensure candidates must take methods of teaching in the content area, in addition to these licensure requirements. These are listed in the major for English, Math, Science, and Modern Languages, and below for all Social Sciences. This program is currently in transition. Some courses may no longer be available. Please see an advisor in Teacher Education prior to registering for classes.

COURSES	SEMESTER HOURS
EDS 3110 Processes of Education in Multicultural Urban Secondary Schools* ¹	3
EDS 3120 Field Experience in Multicultural Urban Secondary Schools ¹	2
EDT 3610 Applications of Educational Technology	2
EDS 3200 Educational Psychology Applied to Teaching* (corequisite of EDS 3110, 3120)	3
SED 3600 The Exceptional Learner in the Classroom	3
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
EDS 3210 Standards-Based Curriculum, Assessment, and Classroom Management in the Secondary School ²	3
EDS 3220 Field Experience in Standards-Based Teaching, Assessment and Management in the Secondary School ²	2
EDS 4290 Student Teaching and Seminar: Secondary 7-12**	12
<i>Licensure Total***</i>	<i>34</i>

^{1,2}These courses must be taken concurrently. Math teacher candidates are recommended to take MTL 3630 and MTL 3638 concurrently with EDS 3210 and EDS 3220 during the semester before student teaching.

*EDS 3110 and EDS 3200 (6 hours total) can be counted as General Studies courses in Social Science, but will require substitutions in the minor if the total credits in the minor falls below 18 credits. See an education advisor to see if this applies in your program.

**Mathematics Secondary Licensure Course Exception:

Math candidates take MTL 4690 Student Teaching and Seminar: Secondary 7-12 instead of EDS 4290 (12 credits). Additional required licensure courses found in the mathematics major.

***Additional Licensure Requirement for Secondary Social Sciences:

HIS 4010 Methods of Teaching Social Sciences	3
<i>Licensure Total</i>	<i>37</i>

History and Behavioral Science Secondary Licensure meet this requirement in their major, the other Licensure sections (African American Studies, Chicano Studies, Economics, and Political Science) it is an additional course under the Licensure requirements.

Majors with Secondary Education Licensure

The following major advising guides are prepared to assist candidates in choosing an appropriate major for Secondary Education. Candidates must choose a major from the following selections in order to fulfill licensure requirements for Metro State and the state of Colorado. The advising guides are not substitutes for meeting with academic advisors. **Licensure candidates must consult an advisor in their selected major and one in education.** To better support candidates in their major selections, eight-semester planned sequences for each of the licensure majors can be obtained inside the Teacher Application Center in West Classroom, Room 136.

Candidates seeking teacher licensure must also gain admission to the Teacher Education Program. The application form for the program must be completed by attending an Application Meeting scheduled through the Teacher Application Center (WC 136). Formal admission must be obtained BEFORE Level II education coursework can be taken. Refer to the admission section for Teacher Education of this catalog for more information about Provisional and Formal Admission.

Secondary English Licensure

The secondary education concentration in English, offered in conjunction with the licensure program, prepares degree seeking, future secondary teachers of English to understand and teach the diverse sub-

ject matter required for licensure. This program equips students with a wide variety of language principles and skills; practical experience in developing and teaching the processes of writing; sound knowledge of approaches to literature and literary genres; periods and authors (including a special focus on young adult literature); and an understanding of communication and media as used in English studies. In addition to meeting specified state and departmental requirements, this program offers students the opportunity to develop further specialization in writing, language, or literature to complement the major. The major provides student with a background in the Colorado K-12 Model Content Standards for English and prepares them to pass the required content exam for licensure.

English Major with Secondary Licensure

Composition Core

COURSES	SEMESTER HOURS
ENG 2500 The Art and Craft of Writing	3
ENG 3510 Advanced Composition	3
<i>Composition Core Total</i>	<i>.6</i>

Language/ Linguistics Core

COURSES	SEMESTER HOURS
ENG 2010 The Nature of Language	3
ENG 3020 History of the English Language	3
<i>Language Linguistics Core Total</i>	<i>.6</i>

Literature Core

COURSES	SEMESTER HOURS
ENG 2100 Introduction to Literary Studies	3
ENG 2210 American Literature: Beginnings - Civil War	3
-or-	
ENG 2220 American Literature: Civil War - Present	3
ENG 3100 Chaucer, Shakespeare, Milton	3
ENG 3440 Myth, Symbol, and Allusion in Literature	3
ENG 3470 Young Adult Literature	3
<i>Literature Core Total</i>	<i>.15</i>

Teaching English Core

COURSES	SEMESTER HOURS
ENG 4600 Teaching Literature and Communication, 7-12	3
ENG 4620 Teaching Composition, 7-12	3
ENG 4640 Teaching English, 7-12 (Senior Experience)	3
<i>Teaching Core Total</i>	<i>.9</i>

Upper Level Electives

Three upper division English courses (3000 or 4000 level) selected in consultation with and approved by designated English advisor	9
<i>Major Total</i>	<i>.45</i>
<i>General Studies Total</i>	<i>.27</i>
<i>Licensure Total</i>	<i>.34</i>
<i>General Electives</i>	<i>.14</i>
<i>Grand Total</i>	<i>.120</i>

Mathematics Major with Secondary Mathematics Licensure

The Department of Mathematical and Computer Sciences offers a major in Mathematical Sciences with a concentration in Mathematics Education. The goals of this program are to provide degree seeking candidates with: (1) broad-based and coherent preparation in the various disciplines that constitute the mathematical sciences and; (2) the pedagogical knowledge of mathematics needed to begin a career as a middle or high school mathematics teacher. This concentration also prepares candidates for continued study of the mathematical sciences at the graduate level. Candidates are required to meet with one or more of the faculty advisors in the area of mathematics education as well as a teacher licensure advisor as they plan their academic program. The mathematics major with Mathematics education concentration

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requires completion of the courses listed below, and satisfaction of the minimum grade and currency requirements stated below. Any of the courses required for the major that were taken more than ten years ago will need to be repeated unless you can demonstrate current knowledge of the concepts of the course.

Mathematics Core Courses

COURSES	SEMESTER HOURS
MTH 1410 Calculus I	4
MTH 2410 Calculus II	4
MTH 2420 Calculus III	4
MTH 3100 Introduction to Mathematical Proofs	3
<i>Subtotal</i>	<i>15</i>

Advanced Mathematics Courses

COURSES	SEMESTER HOURS
MTH 3110 Abstract Algebra	3
MTH 3140* Linear Algebra	4
MTH 3210 Probability and Statistics	4
MTH 3470 Introduction to Discrete Mathematics and Modeling	3
MTH 3650 Foundations of Geometry	3
MTH 4600 Seminar in Problem Solving	1
MTH 4640** History of Mathematics	4
<i>Subtotal</i>	<i>22</i>

*MTH 3130 and one of the following (MTH 4110 or MTH 4150 or MTH 4410 or MTH 4660) may substitute for MTH 3140. **Senior Experience Course

Computer Science Course

COURSE	SEMESTER HOURS
CS 1050 Computer Science I	-or-
CSS 1247 Introduction to Programming: Visual Basic,	-or-
MTH 1510 Computer Programming: FORTRAN	4
<i>Subtotal</i>	<i>4</i>

Additional Licensure Requirements

COURSE	SEMESTER HOURS
MTL 3620 Mathematics of the Secondary Curriculum	4
MTL 3630* Teaching Secondary Mathematics	3
MTL 3638* Secondary Mathematics Field Experience	2
<i>Subtotal</i>	<i>9</i>

*These two courses must be taken concurrently. MTL 3630 and 3638 are suggested taken with EDS 3210 and 3220 during the semester before student teaching.

<i>Major Total</i>	<i>41</i>
<i>General Studies Total **</i>	<i>27</i>
<i>Licensure Total (Includes MTL 4690, and 9 credits additional licensure requirements)</i>	<i>43</i>
<i>Electives</i>	<i>9</i>
<i>Grand Total *</i>	<i>120</i>

*Choosing substitutions for MTH 3140 will increase total from 120 to 122-124 for the degree.

**General Studies Exception for Math Major with Secondary License:

Math majors do not take MTH 1610 for licensure. See a math advisor to determine the appropriate general studies course.

Modern Languages Major with Secondary Language Licensure

Degree seeking candidates who wish to obtain Colorado licensure for Secondary Foreign Language must earn a Bachelor of Arts (BA) degree in Modern Languages. Candidates must complete 42 hours in their language concentration (French, German, or Spanish). Alternately, candidates may choose to complete 42 hours in a primary language and take an additional 18 hours at the 2000 level or above in a different secondary language for a total of 60 hours. The curriculum focuses on the Colorado Model Content Standards for Foreign Languages and prepare licensure candidates to pass the required content test.

OPTION I for French Concentration**French Concentration Courses (42 hours for ONE language; 60 hours for TWO languages)**

COURSES	SEMESTER HOURS
FRE 2010 Intermediate French I	3
FRE 2020 Intermediate French II	3
FRE 2110 French Reading and Conversation	3
FRE 3010 Introduction to Advanced French Studies	3
FRE 3110 Survey of French Literature I	3
FRE 3120 Survey of French Literature II	3
FRE 3150 French Phonetics: Theory and Practice	3
FRE 3310 Advanced French Composition and Grammar	3
FRE 3320 Advanced Conversation	3
FRE 3550 French Historical Perspectives	3
FRE 3560 Contemporary Sociocultural Issues	3
MDL 4960 Teaching Foreign Languages in K-12*	3
Select any two of the following:	
FRE 4520 Modern French Theater	3
FRE 4530 The French Novel	3
FRE 4750 Senior Seminar in French Studies	3
<i>Option I French Total</i>	<i>42</i>
<i>Major Total</i>	<i>42</i>
<i>General Studies Total</i>	<i>27</i>
<i>Licensure Total</i>	<i>34</i>
<i>Electives</i>	<i>17</i>
<i>Grand Total</i>	<i>120</i>

OPTION I for German Concentration**German Concentration Courses (42 hours for ONE language; 60 hours for TWO languages):**

COURSES	SEMESTER HOURS
GER 2110 German Reading and Conversation	3
GER 2120 German Civilization	3
GER 2310 German Vocabulary Building and Grammar	3
GER 2320 German Composition and Free Writing	3
GER 3150 German Phonetics: Theory and Practice	3
GER 3210 Survey of German Literature I	3
GER 3220 Survey of German Literature II	3
GER 3230 Contemporary German Writers	3
GER 3300 Advanced German Grammar	3
GER 4200 Major German Authors	3
GER 4210 Advanced Conversation: Present-day Germany	3
Electives -- Consult advisor for specifics	6
MDL 4960 Teaching Foreign Languages in K-12	3
<i>Option I German Total</i>	<i>42</i>
<i>Major Total</i>	<i>42</i>
<i>General Studies Total</i>	<i>27</i>
<i>Licensure Total</i>	<i>34</i>
<i>Electives</i>	<i>17</i>
<i>Grand Total</i>	<i>120</i>

OPTION I for Spanish Concentration**Spanish Concentration Courses (42 hours for ONE language; 60 hours for TWO languages):**

COURSES	SEMESTER HOURS
SPA 2110 Spanish Reading and Conversation I	3
SPA 2120 Spanish Reading and Conversation II	3
SPA 2310 Spanish Grammar and Composition I	3

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SPA 2320	Spanish Grammar and Composition II	3
SPA 3110	Advanced Conversation	3
SPA 3140	Advanced Composition	3
SPA 3150	Spanish Phonetics: Theory and Practice	3
SPA 3200	Culture and Civilization of Spain	3
-or-		
SPA 3210	Spanish-American Culture and Civilization	3
-or-		
SPA 3220	Folklore and Culture of the Mexican Southwest	3
SPA 3250	Introduction to Literary Studies in Spanish	3
SPA 3400	Survey of Spanish Literature I	3
-or-		
SPA 3410	Survey of Spanish Literature II	3
SPA 4010	Advanced Spanish Writing and Grammar I	3
SPA 4020	Advanced Spanish Writing and Grammar II	3
SPA 4110	Contemporary Spanish Literature	3
-or-		
SPA 4120	Masterpieces of Latin American Literature	3
MDL 4960	Teaching Foreign Languages in K-12	3
<i>Option I Spanish Total</i>		<i>42</i>
<i>Major Total</i>		<i>42</i>
<i>General Studies Total</i>		<i>27</i>
<i>Licensure Total</i>		<i>34</i>
<i>Electives</i>		<i>17</i>
<i>Grand Total</i>		<i>120</i>

OPTION II for French Concentration

This Modern Languages major option requires 60 hours in any TWO modern languages. In addition to the 42 hours in the emphasized language, candidates must take at least 18 hours at the 2000 level or above in a second language.

Spanish Secondary Language

COURSES	SEMESTER HOURS
SPA 2110 Spanish Reading and Conversation I	3
SPA 2120 Spanish Reading and Conversation II	3
SPA 2310 Spanish Grammar and Composition I	3
SPA 2320 Spanish Grammar and Composition II	3
Spanish Electives (Upper Division)	6
<i>Total Spanish Secondary Language</i>	<i>18</i>

German Secondary Language

COURSES	SEMESTER HOURS
GER 2110 German Reading and Conversation	3
GER 2120 German Civilization	3
GER 2310 German Vocabulary Building and Grammar	3
GER 2320 German Composition and Free Writing	3
German Electives (Upper Division)	6
<i>Total for German Secondary Language</i>	<i>18</i>

Option II for French

<i>Major Total (Includes French and either Spanish or German)</i>	<i>60</i>
<i>General Studies Total</i>	<i>27</i>
<i>Licensure Total</i>	<i>34</i>
<i>Grand Total</i>	<i>121</i>

OPTION II for German Concentration

This Modern Languages major option requires 60 hours in any TWO modern languages. In addition to the 42 hours in the emphasized language, candidates must take at least 18 hours at the 2000 level or above in a second language.

Spanish Secondary Language

COURSES	SEMESTER HOURS
SPA 2110 Spanish Reading and Conversation I	3
SPA 2120 Spanish Reading and Conversation II	3
SPA 2310 Spanish Grammar and Composition I	3
SPA 2320 Spanish Grammar and Composition II	3
Spanish Electives (Upper Division)	6
<i>Total Spanish Secondary Language</i>	<i>18</i>

French Secondary Language

COURSES	SEMESTER HOURS
FRE 2010 Intermediate French I	3
FRE 2020 Intermediate French II	3
FRE 2110 French Reading and Conversation	3
FRE 3010 Introduction to Advanced French Studies	3
French Electives (Upper Division)	6
<i>Total French Secondary Language</i>	<i>18</i>

Option II for German

<i>Major Total (Includes German and either Spanish or French)</i>	<i>60</i>
<i>General Studies Total</i>	<i>27</i>
<i>Licensure Total</i>	<i>34</i>
<i>Grand Total</i>	<i>121</i>

OPTION II for Spanish Concentration

This Modern Languages major option requires 60 hours in any TWO modern languages. In addition to the 42 hours in the emphasized language, candidates must take at least 18 hours at the 2000 level or above in a second language.

French Secondary Language

COURSES	SEMESTER HOURS
FRE 2010 Intermediate French I	3
FRE 2020 Intermediate French II	3
FRE 2110 French Reading and Conversation	3
FRE 3010 Introduction to Advanced French Studies	3
French Electives (Upper Division)	6
<i>Total French Secondary Language</i>	<i>18</i>

German Secondary Language

COURSES	SEMESTER HOURS
GER 2110 German Reading and Conversation	3
GER 2120 German Civilization	3
GER 2310 German Vocabulary Building and Grammar	3
GER 2320 German Composition and Free Writing	3
German Electives (Upper Division)	6
<i>Total German Secondary Language</i>	<i>18</i>

Option II for Spanish

<i>Major Total (Includes Spanish and either French or German)</i>	<i>60</i>
<i>General Studies Total</i>	<i>27</i>
<i>Licensure Total</i>	<i>34</i>
<i>Grand Total</i>	<i>121</i>

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MAJORS WITH SECONDARY EDUCATION SCIENCE LICENSURE

Biology Major with Secondary Science Licensure

Candidates who wish to obtain Colorado licensure for Secondary Science Education with a major in Biology must earn a Bachelor of Arts (BA) degree. Included in the requirements for the Biology major with a concentration in Secondary Science teaching is a core curriculum designed to ensure that the Biology education program meets the Colorado Science Licensure Standards and addresses the objectives of the Science content area examination. The core curriculum adds a firm foundation in Physics, Chemistry, Earth-Space Science, Environmental Science, and Mathematics. The Colorado K-12 Model Content Science Standards are strongly emphasized in the curriculum. The core curriculum is supported by the depth of the major in Biology.

Biology Major

COURSES	SEMESTER HOURS
BIO 1080 General Biology I	3
BIO 1090 General Biology Laboratory I	1
BIO 1081 General Biology II	3
BIO 1091 General Biology Laboratory II	1
BIO 2400 General Microbiology	5
BIO 3050 Cell and Molecular Biology	4
BIO 3230 Principles of Anatomy and Physiology	5
BIO 3550 Urban Ecology	4
BIO 3600 General Genetics	4
BIO 4850 Evolution	3
SCI 3950 Methods of Teaching Science	3
<i>Biology Total</i>	<i>36</i>

Additional Content Course Requirements for Science Licensure

Physics (10 credit hours)

PHY 2010 College Physics I	4
PHY 2020 College Physics II	4
PHY 2030 College Physics I Laboratory	1
PHY 2040 College Physics II Laboratory	1
<i>Physics Total</i>	<i>10</i>

Chemistry (10 credit hours)

CHE 1100 Principles of Chemistry	4
CHE 1150 Principles of Chemistry Laboratory	1
CHE 2100 Introduction to Organic and Biological Chemistry	5
<i>Chemistry Total</i>	<i>10</i>

Earth Space Science

GEL 1030 Historical Geology	4
GEG 1100* Introduction to Physical Geography	3
<i>Earth Science</i>	<i>7-12</i>

*GEL 1010-4 (General Geology) and MTR 2400-4 (Introduction to Atmospheric Science) may be taken instead of GEG 1100; however, this increases total hours by 5 hours.

Mathematics (4 credit hours)

MTH 1400 Pre-Calculus	4
<i>Math Total</i>	<i>4</i>

<i>Major Total (Includes SCI 3950) (Includes MTH 1400)</i>	<i>67-72</i>
<i>General Studies Total (Natural Science met in requirements)</i>	<i>21</i>
<i>Licensure Total</i>	<i>34</i>
<i>Grand Total</i>	<i>123-128</i>

General Studies Exception in Biology Secondary Education:

Biology licensure candidates will not have to take MTH 1610 if they take both MTH 1400 and an approved statistics course. See an advisor in Secondary Education. Also, Natural Science General Studies requirements are met with the required courses in Chemistry and Physics.

Chemistry Major with Secondary Science Licensure

Degree seeking candidates who wish to obtain Colorado licensure for Secondary Science Education with a major in Chemistry must earn a Bachelor of Arts (BA) degree. Included in the requirements for the Chemistry major with a concentration in Secondary Science teaching is a core curriculum designed to ensure that the Chemistry education program meets the Colorado Science Licensure Standards and addresses the objectives of the General Science content area examination. The core curriculum adds a firm foundation in Biology, Physics, Earth-Space Science, Environmental Science, and Mathematics. The Colorado Model Content Science Standards are strongly emphasized within the curriculum. The core curriculum is supported by the depth of the major in Chemistry.

Required Courses**General Studies**

COURSES	SEMESTER HOURS
MTH 1410 Calculus I (Substitutes for MTH 1610)	4
<i>General Studies Total (see pgs. 331-332) (Natural Science met in course requirements)</i>	<i>22</i>

Licensure

SCI 3950 Methods of Teaching Science	3
<i>Licensure credits</i>	<i>34</i>
<i>Licensure Total</i>	<i>37</i>

Chemistry Major

COURSES	SEMESTER HOURS
CHE 1800 General Chemistry I	4
CHE 1810 General Chemistry II	4
CHE 1850 General Chemistry Laboratory	2
CHE 3000 Analytical Chemistry	3
CHE 3010 Analytical Chemistry Laboratory	2
CHE 3100 Organic Chemistry I	4
CHE 3110 Organic Chemistry II	3
CHE 3120 Organic Chemistry I Laboratory	2
CHE 3130 Organic Chemistry II Laboratory	2
CHE 3190 Survey of Physical Chemistry	4
CHE 3200 Survey of Physical Chemistry Lab	1
CHE 3400 Chemical Literature Search	1
CHE 4310 Biochemistry I	4
CHE 4350 Biochemistry Laboratory	1
<i>Total Chemistry courses</i>	<i>37</i>

Additional Course Requirements for General Science Licensure = 29-34 credit hours**Physics:**

COURSES	SEMESTER HOURS
PHY 2010 College Physics I	4
PHY 2020 College Physics II	4
PHY 2030 College Physics I Laboratory	1
PHY 2040 College Physics II Laboratory	1
<i>Physics Total</i>	<i>10</i>

Biology:

COURSES	SEMESTER HOURS
BIO 1080 General Biology I	3
BIO 1090 General Biology Laboratory I	1
BIO 1081 General Biology II	3

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BIO 1091	General Biology Laboratory II	1
<i>Biology Total</i>		8
Earth Science: (7-12 hours)		
COURSES		SEMESTER HOURS
GEL 1030	Historical Geology	4
GEG 1100*	Introduction to Physical Geography	3
<i>Earth Science total</i>		7-12
<i>*GEL 1010-4 (General Geology) and MTR 2400-4 (Introduction to Atmospheric Science) may be taken instead of GEG 1100; however, this increases total hours by 5 hours.</i>		
Environmental Science: (3 hours)		
COURSES		SEMESTER HOURS
ENV 1200	Introduction to Environmental Science	3
<i>Environmental Science Total</i>		3
<i>Major Total</i>		65-70
<i>General Studies Total (includes MTH 1410 replacing MTH 1610)</i>		22
<i>Licensure Total (Includes SCI 3950-3)</i>		37
<i>Grand Total</i>		124-129

Environmental Science Major with Secondary Science Licensure

Degree seeking candidates who wish to obtain Colorado licensure for Secondary Science Licensure with a major in Environmental Science must earn a Bachelor of Arts (BA) degree. The interdisciplinary requirements for the Environmental Science major with a concentration in Secondary Science is designed to ensure that the Environmental Science education program meets the Colorado Science Licensure Standards and addresses the objectives of the Science content area examination. The core curriculum provides a firm foundation in Biology, Physics, Chemistry, Earth-Space Science, and Mathematics. The Colorado Model Content Standards for Science are also strongly emphasized within the curriculum.

General Studies

COURSES		SEMESTER HOURS
MTH 1400	Precalculus Mathematics (substitute for MTH 1610)	4
<i>General Studies Total (Natural Science met in course requirements)</i>		22

Licensure

SCI 3950	Methods of Teaching Science	3
<i>Licensure credits</i>		34
<i>Licensure Total</i>		37

Environmental Science Major

COURSES		SEMESTER HOURS
BIO 1080	General Biology I	3
BIO 1090	General Biology Laboratory I	1
ENV 1200	Introduction to Environmental Science	3
GEG 1220	Map Use	2
MTH 1210	Introduction to Statistics	4
ENV 4960	Global Environmental Challenges	3
<i>Environmental Science</i>		16

Additional Requirements for Secondary Science Licensure

Biology		SEMESTER HOURS
COURSES		SEMESTER HOURS
BIO 1081	General Biology II	3
BIO 1091	General Biology II Laboratory	1
<i>Biology total</i>		4

Chemistry		
COURSES	.....	SEMESTER HOURS
CHE 1100	Principles of Chemistry	4
CHE 1150	Principles of Chemistry Laboratory	1
CHE 2100	Introduction to Organic and Biological Chemistry	5
<i>Chemistry Total</i>	.....	<i>10</i>
Geography		
COURSES	.....	SEMESTER HOURS
GIS 2250	Introduction to Geographic Information Systems	3
GEG 3400	Water Resources	3
<i>Geography Total</i>	.....	<i>6</i>
Geology		
COURSES	.....	SEMESTER HOURS
GEL 1010	General Geology	4
GEL 1030	Historical Geology	4
GEL 3150	Hydrogeology	3
ENV 3540	Advanced Geologic and Environmental Hazards Denver and Vicinity	2
ENV 4000	Environmental Geology	3
<i>Geology Total</i>	.....	<i>16</i>
Meteorology		
COURSES	.....	SEMESTER HOURS
MTR 2400	Introduction to Atmospheric Sciences	4
<i>Meteorology Total</i>	.....	<i>4</i>
Physics		
COURSES	.....	SEMESTER HOURS
PHY 2010	College Physics I	4
PHY 2020	College Physics II	4
PHY 2030	College Physics I Laboratory	1
PHY 2040	College Physics II Laboratory	1
<i>Physics total</i>	.....	<i>10</i>
<i>Major total</i>	.....	<i>66</i>
General Studies Total (Natural Science met in course requirements)		
	(includes MTH 1410 replacing MTH 1610)	22
<i>Licensure Total (Includes SCI 3950-3)</i>	.....	<i>37</i>
<i>Grand Total</i>	.....	<i>125</i>

MAJORS WITH SOCIAL STUDIES LICENSURE

Candidates who wish to obtain Colorado Licensure for Secondary Social Studies must earn a Bachelor of Arts (B.A.) degree in one of the following disciplines: History, Political Science, Economics, Behavioral Science, Chicano Studies, or African American Studies. In addition to course requirements in the major, all Social Studies licensure candidates must complete a core curriculum that provides a foundation in History, Geography, Political Science, Economics, and Behavioral Science and prepares them to pass the appropriate Social Studies Content examination. The core curriculum is supported by courses in the major.

African American Studies Major with Secondary Social Studies Licensure

The African American Studies major will provide candidates with a comprehensive understanding of African heritage in this country through examination of African links; the contributions of African American people in the growth and development of the United States; African American community, culture, lifestyles, political activity, religious development, community service and resource assistance; as well as the prognosis and potential for social change.

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Required Courses

African American Studies courses

COURSES	SEMESTER HOURS
AAS 1010 Introduction to African American Studies	3
AAS 4850 Research Seminar in African American Studies	3

History courses

COURSES	SEMESTER HOURS
AAS 1130 Survey of African History (HIS 1940)	3
AAS 3570 African American History I (HIS 3570)	3
AAS 3580 African American History II (HIS 3580)	3

Sociology courses

COURSES	SEMESTER HOURS
AAS 2000 Social Movements and the Black Experience (SOC 2000)	3
AAS 3300 The Black Community (SOC 3140)	3

Psychology course

COURSES	SEMESTER HOURS
AAS 3700 Psychology of Racism and Group Prejudice (PSY 3700)	3

Political Science course

COURSES	SEMESTER HOURS
AAS 3910 African Politics and Government (PSC 3910)	3

Arts and Humanities course

COURSES	SEMESTER HOURS
AAS 3310 African Art: (ARTH 3310)	3
-or-	
AAS 3330 Egyptian Art(ARTH 3330)	3
-or-	
AAS 3240 African American Literature (ENG 3240)	3

Total Major Courses Required.30

Additional Course Requirements for Secondary Social Studies:

History Core:

COURSES	SEMESTER HOURS
HIS 1010 Western Civilization to 1603	3
-or-	
HIS 1030 World History to 1500	3
HIS 1040 World History since 1500	3
HIS 1210 American History to 1865	3
HIS 1220 American History since 1865	3
<i>Subtotal.</i>	<i>12</i>

Political Science:

COURSES	SEMESTER HOURS
PSC 1010 American National Government	3
PSC 1020 Political Systems and Ideas	3
<i>Subtotal.</i>	<i>6</i>

Economics:

COURSES	SEMESTER HOURS
ECO 2010 Principles of Economics - Macro	3
ECO 2020 Principles of Economics - Micro	3
-or-	
ECO 3200 Economic History of the US	3
<i>Subtotal.</i>	<i>6</i>

Geography:		
COURSES		SEMESTER HOURS
GEG 1920	Concepts and Connections in Geography	3
GEG 3000	Historical Geography of the U.S	3
<i>Subtotal</i>		<i>6</i>
Additional Licensure Requirement for Secondary Social Sciences		
HIS 4010	Methods of Teaching Social Sciences	3
<i>Total Additional Course Requirements</i>		<i>30</i>
<i>Total for Major Requirements</i>		<i>30</i>
<i>General Studies Total</i>		<i>24</i>
<i>Licensure Total (Includes HIS 4010)</i>		<i>37</i>
<i>Grand Total</i>		<i>121</i>

Behavioral Science Major with Secondary Social Studies Licensure

This is a distributed major, offering students a structured overview of the social sciences (Anthropology, Economics, History, Political Science, Psychology and Sociology.) This program emphasizes breadth of coverage with a focus in an area selected by the student. This major is particularly applicable for students interested in teacher licensure at the elementary and secondary level. A special emphasis will be placed on history. The program addresses the Colorado Model Content Standards in Social Studies and prepares licensure candidates to pass the required content exam.

The student must have preliminary approval of the selected program by an advisor from Sociology Anthropology, and Behavioral Sciences Department.

Behavioral Science Core		
COURSES		SEMESTER HOURS
ANT 1310	Introduction to Cultural Anthropology	3
ECO 2010	Principles of Economics-Macro	3
HIS 1220	American History since 1865	3
PSC 1010	American National Government	3
PSY 1001	Introduction to Psychology	3
SOC 1010	Introduction to Sociology	3
<i>Core Total</i>		<i>18</i>

Required Focus in History (9 hours must be upper division)		
COURSES		SEMESTER HOURS
HIS 1210	American History to 1865	3
HIS 3xxx	Select from Category I*	3
HIS 3xxx	Select from Category I*	3
HIS 4010	Methods of Teaching Social Sciences	3
<i>*See page 350 for Category I Courses</i>		
<i>History total</i>		<i>12</i>

General Electives (9 hours must be upper division)		
COURSES		SEMESTER HOURS
PSC 1020	Political Systems and Ideas	3
PSC 3030	Introduction to International Relations	3
ECO 3200	Economic History of the U.S	3
Elective selected in consultation with an advisor SOC/ANT/PSY (SOC 3600 Research in the Social Science, is recommended)		3
<i>(Candidates may substitute ECO 2020 and take an additional upper division SOC/ANT/PSY course)</i>		
<i>Electives Total</i>		<i>12</i>
<i>Major Total</i>		<i>42</i>

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Additional Course Requirements for Secondary Social Studies:

History			SEMESTER HOURS
COURSES			
HIS 1040	World History Since 1500		3
HIS 3xxx	Select from Category II (below)		3
HIS 1xxx	Select from Category III (below)		3
<i>History total</i>			9

Geography			SEMESTER HOURS
COURSES			
GEG 1920	Concepts and Connections in Geography		3
GEG 3000	Historical Geography of the U.S.		3
<i>Geography Total</i>			6

Elective, Consult with an advisor2-3

Category I (Select two to apply to BHS major)

COURSES		SEMESTER HOURS
HIS 3430	American Revolution and Early National Period, 1736-1848	3
HIS 3520	Civil War and Reconstruction	3
HIS 3660	Recent United States 1945-1990s	3

Category II (Select one to apply to additional course requirements for Secondary Social Studies)

COURSES		SEMESTER HOURS
HIS 3031	Ancient Greece	3
HIS 3060	Rome and the Caesars	3
HIS 3120	Medieval History	3
HIS 3140	Renaissance and Reformation	3
HIS 3200	Early Modern Europe, 1648-1789	3
HIS 3230	Nineteenth Century Europe	3
HIS 3260	Twentieth Century Europe, 1914-2000	3

Category III (Select one to apply to additional course requirements for Secondary Social Studies)

COURSES		SEMESTER HOURS
HIS 1110	Colorado History I	3
HIS 1250	China, Japan, Korea since 1800	3
HIS 1940	Survey of African History	3

Total Additional Course Requirements 17-18

Major Total (Includes HIS 4010)42

General Studies Total27

Licensure Total34

Grand Total 120-121

Chicano Studies Major with Secondary Social Studies Licensure

The Chicana/o Studies Department offers this concentration which prepares students to become social studies teachers in secondary schools. The requirements include core courses in Chicano Studies, a sequence in history and additional courses in social studies. Students seeking teacher licensure should stay in regular contact with the advisor and the education advisor to assure the proper course progression.

Chicano Studies Required Courses:

COURSES		SEMESTER HOURS
CHS 1000	Introduction to Chicana/o Studies	3
CHS 1010	History of Meso-America: Pre-Columbian and Colonial Periods (HIS 1910)	3
CHS 1020	History of the Chicana/o in the Southwest: Mexico and U.S. Periods (HIS 1920)	3
CHS 2010	Survey of Chicana/o Literature (ENG 2410)	3
CHS 3300	Education of Chicana/o Children (EDU 3120)	3
CHS 3010	The Mexican Revolution (HIS 3830)	3

CHS 3100	The Chicana/o Community (SOC 3130)	3
CHS 3460	La Chicana	3
CHS 3600	Mexico and Chicana/o Politics (PSC 3090)	3
CHS 4850	Research Experience in Chicana/o Studies	3
<i>Chicano Studies Required Courses Total</i>		<i>30</i>

Additional Course Requirements for Secondary Social Studies

Anthropology

COURSES	SEMESTER HOURS	
ANT 1310	Introduction to Cultural Anthropology	3
<i>Anthropology total</i>		<i>3</i>

Economics

COURSES	SEMESTER HOURS	
ECO 2010	Principles of Economics - Macro	3
ECO 2020	Principles of Economics - Micro	3
-or-		
ECO 3200	Economic History of the U.S.	3
<i>Economics total</i>		<i>6</i>

History

COURSES	SEMESTER HOURS	
HIS 1010	Western Civilization to 1603	3
-or-		
HIS 1030	World History to 1500	3
HIS 1210	American History to 1865	3
HIS 1220	American History since 1865	3
HIS 1040	World History since 1500	3
<i>History total</i>		<i>12</i>

Geography

COURSES	SEMESTER HOURS	
GEG 1920	Concepts and Connections in Geography	3
GEG 3000	Historical Geography of the U.S.	3
<i>Geography Total</i>		<i>6</i>

Political Science

COURSES	SEMESTER HOURS	
PSC 1010	American National Government	3
PSC 1020	Political Systems and Ideas	3
<i>Political Science total</i>		<i>6</i>

Additional Licensure Requirement for Secondary Social Sciences

HIS 4010	Methods of Teaching Social Sciences	3
<i>Chicano Studies Required Courses Total</i>		<i>30</i>
<i>Additional Course Requirements Total</i>		<i>33</i>
<i>General Studies Total</i>		<i>24</i>
<i>Licensure Total (Includes HIS 4010)</i>		<i>37</i>
<i>Grand Total</i>		<i>124</i>

Economics Major with Secondary Social Studies Licensure

In addition to the required Social Science core the Economics major includes advanced courses in Economics, Econometrics, and History of Economic Thought.

General Studies:

COURSES	SEMESTER HOURS	
MTH 1310	Finite Mathematics for the Management and Social Sciences (Substitutes for MTH 1610).	4
<i>General Studies Total</i>		<i>25</i>

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Additional Licensure Requirement for Secondary Social Sciences

HIS 4010	Methods of Teaching Social Sciences	3
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Economics Core

COURSES		SEMESTER HOURS
ECO 2010	Principles of Economics-Macro	3
ECO 2020	Principles of Economics-Micro	3
ECO 3010	Intermediate Microeconomic Theory	3
ECO 3020	Intermediate Macroeconomic Theory	3
ECO 3150	Econometrics	3
ECO 4600	History of Economic Thought (Senior Experience)	3
MTH 1320	Calculus for the Management and Social Sciences	3
-or-		
MTH 1410	Calculus	4
<i>Economics Core Total</i>		21-22

Electives (12 upper division Economics courses)

COURSES		SEMESTER HOURS
ECO 3200	Economic History of the U.S.	3
ECO xxxx	Selected in consultation with an advisor	3
ECO xxxx	Selected in consultation with an advisor	3
ECO xxxx	Selected in consultation with an advisor	3
<i>Electives Total required</i>		12

*Note: The standard Economics major requires 18 hours of electives. GEG 3000 and PSC 3030, which are required for Secondary Social Studies, will be accepted towards the major replacing two Economics electives.

Additional Course Requirements for Secondary Social Studies

Behavioral Sciences

COURSES		SEMESTER HOURS
ANT 1310	Introduction to Cultural Anthropology	3
<i>Behavioral Science Total</i>		3

Geography

COURSES		SEMESTER HOURS
GEG 1920	Concepts and Connections in Geography	3
GEG 3000	Historical Geography of the U.S. (major elective)	3
<i>Geography Total</i>		6

History

COURSES		SEMESTER HOURS
HIS 1010	Western Civilization to 1603	3
-or-		
HIS 1030	World History to 1500	3
HIS 1210	American History to 1865	3
HIS 1220	American History since 1865	3
HIS 1040	World History since 1500	3
<i>History Total</i>		12

Political Science

COURSES		SEMESTER HOURS
PSC 1010	American National Government	3
PSC 1020	Political Systems and Ideas	3
PSC 3030	Introduction to International Relations (major elective)	3
<i>Political Science Total</i>		9

Additional Required Courses Total .30

Major total .33-34

General Studies Total .25

Licensure Total (Includes HIS 4010).....37
 Grand Total 125-126

History Major with Secondary Social Studies Licensure

The Secondary Education Concentration is intended for individuals who are in the Secondary Education Social Studies Licensure Program. These individuals are required to take other specific courses listed under Teacher Education in this Catalog.

CORE COURSES.....		SEMESTER HOURS
HIS 1010	Western Civilization to 1603	3
-or-		
HIS 1030	World History to 1500.....	3
HIS 1040	World History since 1500.....	3
HIS 1210	American History to 1865	3
HIS 1220	American History since 1865.....	3
HIS 4010	Methods of Teaching Social Science.....	3
<i>Subtotal</i>		15

In addition to the core courses (15 hours) students also need to take the three courses listed in Category I (9 hours), at least two courses (6 hours) from Category II, and at least two courses (6 hours) from Category III. The remaining elective courses (6 hours) may be taken from either Category II or III, or they may be selected from among any of the other courses offered by the History Department.

Category I: American History Chronological Sequence

HIS 3430	American Revolution and Early National Period, 1763-1848.....	3
HIS 3520	Civil War and Reconstruction	3
HIS 3660	Recent U.S., 1945-1990s	3
<i>Subtotal</i>		9

Category II: European History Chronological Sequence (select at least two courses)

HIS 3031	Ancient Greece.....	3
HIS 3060	Rome and the Caesars.....	3
HIS 3120	Medieval History.....	3
HIS 3140	Renaissance and Reformation	3
HIS 3200	Early Modern Europe, 1648-1789.....	3
HIS 3230	Nineteenth Century Europe.....	3
HIS 3260	Twentieth Century Europe, 1914-2000	3
<i>Subtotal</i>		6

Category III: Enrichment Courses (select at least two courses)

HIS 1110	Colorado History I	3
HIS 1250	China, Japan, Korea since 1800	3
HIS 1650	Women in U.S. History.....	3
HIS 1920	History of the Chicana/o in the Southwest: 1810 to Present.....	3
HIS 1940	Survey of African History.....	3
HIS 3090	Native Americans in American History.....	3
HIS 3210	French Revolution and Napoleon	3
HIS 3240	Imperial Russia.....	3
HIS 3280	Russia since 1917.....	3
HIS 3290	Nazi Germany	3
HIS 3310	England to 1714.....	3
HIS 3320	England since 1714	3
HIS 3410	American Colonial History.....	3
HIS 3540	Emergence of Modern U.S., 1877-1920.....	3
HIS 3570	African American History I.....	3
HIS 3580	African American History II.....	3
HIS 3590	American Immigration History	3
HIS 3640	U.S. World War I through World War II	3
HIS 3700	Modern China	3

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HIS 3740	Modern Japan	3
HIS 3770	World of Islam	3
HIS 3830	The Mexican Revolution	3
<i>Subtotal</i>		6
Core courses		15
Category I		9
Category II		6
Category III		6
Elective		6
<i>Total</i>		42

Grade Average

Students majoring in history must maintain at least a 2.0 average in their history courses.

Additional Course Requirements for History major with Secondary Social Studies Licensure (24 required credit hours)

Anthropology		
COURSES		SEMESTER HOURS
ANT 1310	Introduction to Cultural Anthropology	3
<i>Anthropology total</i>		3
Economics		
COURSES		SEMESTER HOURS
ECO 2010	Principles of Economics-Macro	3
ECO 2020	Principles of Economics-Micro	3
-or-		
ECO 3200	Economic History of the U.S.	3
<i>Economics Total</i>		6
Geography		
GEG 1920	Concepts and Connections in Geography	3
GEG 3000	Historical Geography of the U.S. (major elective)	3
Political Science		
COURSES		SEMESTER HOURS
PSC 1010	American National Government	3
PSC 1020	Political Systems and Ideas	3
PSC 3030	Introduction to International Relations	3
<i>Political Science Total</i>		9
<i>Additional Course Requirements</i>		24
<i>Major Total (Includes HIS 4010)</i>		42
<i>General Studies Total</i>		24
<i>Licensure Total</i>		34
<i>Grand Total</i>		124

Political Science Major with Secondary Social Studies Licensure

Degree seeking students who wish to obtain Colorado Licensure for Secondary Social Studies with a major in Political Science must earn a Bachelor of Arts (B.A.) degree. In addition to course requirements in the major, all Social Studies licensure candidates must complete a core curriculum that provides a foundation in History, Geography, Economics, and Behavioral Science and addresses the objectives of the content area examination. The core curriculum is supported by courses in the major. The Political Science major will take courses in political theory, political analysis, and coursework in American or international/comparative political systems.

Political Science Core:

COURSES		SEMESTER HOURS
PSC 1010	American National Government	3
PSC 1020	Political Systems and Ideas	3

PSC 2020	Conducting Political Analysis	3
-or-		
PSY 2310	Introduction to Statistics for Social and Behavioral Sciences	3
PSC 3050	Political Theory	3
PSC 402A-D	Special Studies (Senior Experience)	3
	<i>Political Science Core Total</i>	<i>15</i>

Political Science Electives: (at least 18 hours upper division)

COURSES		SEMESTER HOURS
PSC 3000	American State and Local Government (recommended)	3
PSC 3030	Introduction to International Relations (required)	3
PSC 3120	American Constitutional Law (recommended)	3
PSC 3310	American Foreign and Military Policy (recommended)	3
PSC 3330	International Organizations (recommended)	3
PSC xxxx	Selected in consultation with Political Science advisor	3
PSC xxxx	Selected in consultation with Political Science advisor	3
	<i>Political Science Electives Total</i>	<i>21</i>
	<i>Political Science Courses total</i>	<i>36</i>

Additional Course Requirements for Political Science major with Secondary Social Studies Licensure (30 credit hours)

History Core:

COURSES		SEMESTER HOURS
HIS 1010	Western Civilization to 1603	3
-or-		
HIS 1030	World History to 1500	3
HIS 1040	World History since 1500 (meets General Studies History requirement)	3
HIS 1210	American History to 1865	3
HIS 1220	American History since 1865	3
	<i>History Core total</i>	<i>12</i>

Economics:

COURSES		SEMESTER HOURS
ECO 2010	Principles of Economics-Macro	3
ECO 2020	Principles of Economics-Micro	3
-or-		
ECO 3200	Economic History of the U.S.	3
	<i>Economics Total</i>	<i>6</i>

Geography:

COURSES		SEMESTER HOURS
GEG 1920	Concepts and Connections in Geography	3
GEG 3000	Historical Geography of the U.S. (major elective)	3
	<i>Geography Total</i>	<i>6</i>

Behavioral Sciences:

COURSES		SEMESTER HOURS
ANT 1310	Introduction to Cultural Anthropology	3
	<i>Behavioral Science Total</i>	<i>3</i>

Additional Licensure Requirement for Secondary Social Sciences

HIS 4010	Methods of Teaching Social Sciences	3
	<i>Additional Course Requirement Total</i>	<i>27</i>
	<i>Political Science Courses Total</i>	<i>36</i>
	<i>General Studies Total (Includes HIS 1040)</i>	<i>24</i>
	<i>Licensure Total (Includes HIS 4010)</i>	<i>37</i>
	<i>Grand Total</i>	<i>124</i>

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Minor in Secondary Education (without licensure)

The Secondary Education Minor will be of interest to candidates who wish to work with secondary-aged children outside the classroom (e.g., recreation programs, travel, summer camps, enrichment programs), or work with learners of all ages in corporate or other training/education programs. It provides necessary knowledge, skills and applications in real school settings to develop candidates' understanding of the principles of teaching and learning in middle and high schools. The minor provides an option that assists degree-seeking candidates pursuing licensure to complete their baccalaureate and teacher licensure requirements in four years. To emphasize the application of knowledge in the field as required in new performance standards for teachers, the minor features 160 field experience hours. Candidates seeking licensure need to complete additional requirements including formal admission to the Teacher Education Program and student teaching. The minor does not include all courses required for teacher licensure.

REQUIRED COURSES		SEMESTER HOURS
EDS	3110 Processes of Education in Multicultural Urban Secondary Schools *	3
EDS	3120 Field Experiences in Multicultural Urban Secondary Schools *	2
EDS	3200 Educational Psychology Applied To Teaching	3
EDS	3210 Standards-Based Curriculum, Assessment, and Classroom Management in the Secondary School **	3
EDS	3220 Field Experience in Standards-Based Teaching, Assessment, and Management in the Secondary School **	2
EDT	3610 Applications of Educational Technology	2
	-or-	
EDT	3010 Instructional Delivery for Interactive Learning Environments	3
RDG	3280 Teaching Literacy Skill Development in the Content Areas	4
SED	3600 The Exceptional Learner in the Classroom	3
XXX	XXX Content Methods in Major	3-9
<i>Total</i>		<i>25-31</i>

/These two courses must be taken concurrently.*

POST BACCALAUREATE LICENSURE IN SECONDARY EDUCATION

Secondary English Post-Baccalaureate Licensure

Admission requirements for Post-Baccalaureate students seeking licensure include evidence of having at least a conferred Bachelor's degree as well as the stated admission criteria. Faculty in the Teacher Education Department and the English Department will review the transcript for completed coursework appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete specified courses in the content area, in addition to the professional sequence coursework. Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence and taking the licensure content exam at their earliest opportunity.

Approved courses in the following content areas:

- Literary Criticism or Literary Studies
- American Literature Survey
- British Literature Survey or Shakespeare
- Mythology or World Literature
- Young Adult Literature
- Language and Linguistics (History of English and the Structure of English)
- Composition (beyond freshman level)

Methods Courses:

ENG	4600 Teaching Literature and Communication, 7-12	3
ENG	4620 Teaching Composition, 7-12	3
ENG	4640 Teaching English, 7-12 (Senior Experience)	3

For Secondary Social Studies Post-Baccalaureate Licensure

Post-baccalaureate candidates seeking licensure in social studies must have a previously conferred **Bachelor's degree in one of the approved Social Science licensure majors at Metro State** (African and African American Studies, Behavioral Science, Chicano Studies, Economics, History, Political Science) or receive approval from a secondary faculty advisor for a closely related social science major and meet the criteria for formal admission. Upon application to the Teacher Education Program, copies of official transcripts from all accredited colleges attended by the candidate, including the baccalaureate degree, must be brought to the Teacher Application Center. The student needs to meet with an appropriate content area advisor for a review of the transcript of completed course work appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete additional courses in the content area, in addition to the professional licensure sequence course work to complete their approved teacher preparation program. Post-baccalaureate students should see an advisor at their earliest opportunity, begin the licensure program by taking the first education courses in their licensure sequence, and take the licensure content exam at the earliest opportunity.

Content Knowledge Requirements

The National Council for Social Studies Teachers requires the following Programmatic Standards – course(s) in: U.S. History, World History (both Western and Non-Western), Political Science, Economics, and the successful completion of the Social Studies content exam.

- American History
- History of Western World
- History – Non-western
- Behavioral Science (an Anthropology course is recommended)
- Economics
- Political Science (includes U.S. Government)
- Geography (includes cultural & physical)
- Methods of Teaching Social Studies: HIS 4010-3
- Concentration Area – must total at least 18 credit hours, 9 of which must be upper division.

Visit the Teacher Education Department or see a designated Teacher Licensure Advisor for more information on the following:

- Secondary Mathematics Post-Baccalaureate Licensure
- Secondary Science Post-Baccalaureate Licensure

PROFESSIONAL K-12 EDUCATION LICENSURE

Candidates seeking teacher licensure must also gain admission to the Teacher Education Program. The application form for the program must be completed by attending an Application Meeting during the first semester of education course work. Application meetings are scheduled by the Teacher Application Center (WC 136). Formal admission must be obtained BEFORE Level II education coursework can be taken.

- Art Education
- Music Education
- Physical Education

K-12 Art, Music and Physical Education licensure candidates must consult an advisor in their selected major and one in education. To better support candidates in their major selections, eight-semester planned sequences for each of the licensure majors can be obtained inside the Teacher Application Center in West Classroom 136.

Art Education Major with Licensure for Degree-Seeking Candidates

Coursework meeting K-12 teacher licensure standards for art is available with a BFA major in art. Candidates seeking licensure with a degree in Art other than a BFA may need to take additional coursework to meet licensure requirements. Candidates completing a BFA with licensure should ask for the Art Education concentration advising sheet. **Licensure candidates should consult an advisor in Art as well as one in Teacher Education.**

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Specific General Studies Requirements

COURSES	SEMESTER HOURS
ENG 1010 Freshman Composition: The Essay	3
ENG 1020 Freshman Composition: Analysis Research	3
SPE 1010 Public Speaking	3
MTH 1610 Integrated Mathematics I	3
EDS 3110 Processes of Education in Multicultural Urban Secondary Schools	3
EDS 3200 Educational Psychology Applied to Teaching	3
Other General Studies for Art Education candidates (see advisor for details)	15
<i>General Studies Total</i>	<i>33</i>

Foundation Courses

COURSES	SEMESTER HOURS
ART 1101 Two Dimensional Design	3
ART 1141 Drawing I	3
ART 1501 Three Dimensional Design	3
ART 1531 Introduction to Digital Art and Design	3
ARTH 1600 World Art I: Art before 1200	3
ARTH 1700 World Art II: Art since 1200	3
<i>Total Foundation Courses</i>	<i>18</i>

Courses for the Concentration in Art Education

COURSES	SEMESTER HOURS
ART 2101 Color Theory and Practice	3
ART 2611 Ceramics I	3
ART 2651 Jewelry Design and Metalsmithing I	3
ART 2661 Painting I	3
ART 2671 Photography I	3
ART 2681 Printmaking I	3
ART 2691 Sculpture I	3
ART 3601 Introduction to Art Education	4
ART 3605 The Inclusive Music and Art Classroom (MUS 3390)	2
ART 4201 Art Methods K-12	4
ART 4701 Senior Experience Studio: Portfolio Development and Thesis Exhibit (Senior Experience)	3
ART 4703* Student Teaching and Seminar: Elementary K-6	6
ART 4704* Student Teaching and Seminar: Secondary 7-12	6
ARTH 3080 Art of the 20th and 21st Centuries	3
ARTH 3300 Art and Cultural Heritage	3
ARTH 4480 Art Theory and Criticism	3
EDS 3120 Field Experiences in Multicultural Urban Secondary Schools	2
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
<i>Art Education Total</i>	<i>61</i>

A letter grade of "C" or better is required in each foundation course, each of the courses listed above, and each course specifically required for an emphasis.

In addition, candidates must choose a concentration area from those listed below:

Ceramics

COURSES	SEMESTER HOURS
ART 3211 Ceramics II	3
ART 3611 Ceramics III	3
ART 4211 Ceramics IV	3
ART 4611 Ceramics IV	3
<i>Subtotal</i>	<i>12</i>

Digital Art

COURSES	SEMESTER HOURS
ART 2222 Visual Thinking	3

ART 2237	Constructing the Digital Image	3
ART 3235	Video Art	3
ART 3635	Web Art I	3
ART 4631	Digital Art Portfolio	3
<i>Subtotal</i>		<i>15</i>

Drawing

COURSES		SEMESTER HOURS
ART 1541	Drawing II	3
ART 3241	Drawing III	3
ART 3641	Drawing IV	3
ART 4241	Drawing V	3
ART 4641	Drawing VI	3
<i>Subtotal</i>		<i>15</i>

Jewelry Design and Metalsmithing

COURSES		SEMESTER HOURS
ART 3251	Jewelry Design and Metalsmithing II	3
ART 3651	Jewelry Design and Metalsmithing III	3
ART 4251	Jewelry Design and Metalsmithing IV	3
ART 4651	Jewelry Design and Metalsmithing V	3
<i>Subtotal</i>		<i>12</i>

Painting

COURSES		SEMESTER HOURS
ART 2666	Watermedia I	3
ART 3261	Painting II	3
ART 3661	Painting III	3
ART 4261	Painting IV	3
ART 4661	Painting V	3
<i>Subtotal</i>		<i>15</i>

Photography

COURSES		SEMESTER HOURS
ART 2237	Constructing the Digital Image	3
ART 3271	Photography II: Black and White	3
ART 3671	Photography III: Color	3
ART 4271	Photography IV: Theory and Practice	3
ART 4671	Photography V: Portfolio	3
<i>Subtotal</i>		<i>15</i>

Printmaking (select two of the following first three courses)

COURSES		SEMESTER HOURS
ART 3281	Printmaking II: Lithography	3
-or-		
ART 3283	Printmaking II: Intaglio	3
-or-		
ART 3285	Printmaking II: Screenprinting	3
-Plus-		
ART 3681	Printmaking III	3
ART 4281	Printmaking IV	3
ART 4681	Printmaking V	3
<i>Subtotal</i>		<i>15</i>

Sculpture

COURSES		SEMESTER HOURS
ART 3291	Sculpture II	3
ART 3691	Sculpture III	3
ART 4291	Sculpture IV	3

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ART 4691 Sculpture V.....	3
<i>Subtotal</i>	12
<i>General Studies Total</i>	33
<i>Foundation courses</i>	18
<i>Art Education Concentration Courses (includes licensure)</i>	61
<i>Emphasis area*—see above</i>	12 to 15
<i>Total for the degree</i>	124 to 127*

*Choosing emphasis areas in Digital Art, Drawing, Painting, Photography, or Printmaking will increase total from 124 to 127 for the degree.

Music Education Major with K-12 Licensure:

The music education degree program prepares students for careers teaching instrumental, choral, and general music at levels K-12. Students seeking this degree must satisfy all applicable requirements of the Department of Music and the School of Professional Studies teacher education program. **Licensure candidates should consult an advisor in Music as well as one in Teacher Education.**

Bachelor of Music Education

Core Requirements	31
Specific Degree Requirements	44
Ensembles	8
Choral or Instrumental Concentration	10
General Studies	33*
<i>Total hours required</i>	126

* Includes the 3-credit hour multicultural requirement.

Specific Degree Requirements	SEMESTER HOURS
MUS 0020 Recital Attendance (four additional semesters)*	0
MUS 2340 Foundations of Music Education	2
MUS 2650 Music Technology for Educators	1
MUS 2710 Private Instruction III (Primary Performance Area)	2
MUS 2720 Private Instruction IV (Primary Performance Area)	2
MUS 3350 General Music Methods and Materials**	2
MUS 3351 Supervised Field Experience in General Music**	1
MUS 3390 The Inclusive Art and Music Classroom	2
MUS 3410 String Techniques and Pedagogy	1
MUS 3510 Basic Conducting	2
MUS 3710 Private Instruction V (Primary Performance Area)	2
MUS 3720 Private Instruction VI (Primary Performance Area)	2
MUS 4360 Instrumental Music Methods and Materials**	2
MUS 4361 Supervised Field Experience in Instrumental Music**	1
MUS 4370 Vocal Music Methods and Materials***	2
MUS 4371 Supervised Field Experience in Vocal Music***	1
MUS 4971 Student Teaching and Seminar: Elementary (K-6)	6
MUS 4972 Student Teaching and Seminar: Secondary (7-12)	6
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4

Select three hours from the following:

MUS 1220 World Music	3
-or-	
MUS 3150 Arranging and Orchestration	2
MUS 4440 Jazz Pedagogy	1
<i>Subtotal</i>	44

*Students must enroll during each semester of individual instruction, and complete the requirement with a "Satisfactory" grade in order to be eligible to continue to enroll in individual instruction.

**MUS 3350, MUS 3351, and EDS 3150 must be taken concurrently.

***MUS 4360 and MUS 4361 must be taken concurrently.
 ****MUS 4370 and MUS 4371 must be taken concurrently.

Ensembles

Select eight hours from the following:*

MUS 2810	Ensemble.....	1
MUS 3810	Ensemble.....	1
<i>Subtotal.....</i>		<i>8</i>

* These courses may be repeated for credit. Students majoring in music education must enroll in the major ensemble in their concentration during each semester of individual instruction or full-time residence (enrollment in 12 or more credit hours), except when student teaching. Additionally, students are encouraged to enroll in a variety of ensembles outside of their major area of study.

Concentration

Select one of the following concentrations:

Choral Concentration: Voice Emphasis

MUS 2400	Vocal Diction I.....	2
MUS 261B	Class Piano III.....	1
MUS 262B	Class Piano IV.....	1
MUS 3470	Wind and Percussion Pedagogy for the Vocal Educator.....	1
MUS 3520	Choral Conducting and Literature.....	3
MUS 4420	Vocal Pedagogy.....	2
<i>Subtotal.....</i>		<i>10</i>

Choral Concentration: Piano Emphasis*

MUS 2400	Vocal Diction I.....	2
MUS 3470	Wind and Percussion Pedagogy for the Vocal Educator.....	1
MUS 3520	Choral Conducting and Literature.....	3
MUS 4420	Vocal Pedagogy.....	2

Select two hours from the following:**

MUS 281L	Accompanying for Pianists.....	1
MUS 381L	Accompanying for Pianists.....	1
<i>Subtotal.....</i>		<i>10</i>

*Students whose primary performance area is piano must substitute MUS 161A and MUS 162A, Class Voice I and II, for MUS 161B and MUS 162B, Class Piano I and II. They must complete the Piano Proficiency Examination before enrolling in MUS 3520, and must also enroll in at least eight hours of choral ensembles.

**These courses may be repeated for credit.

Choral Concentration: Guitar Emphasis*

MUS 161A	Class Voice I.....	1
MUS 162A	Class Voice II.....	1
MUS 2400	Vocal Diction I.....	2
MUS 261B	Class Piano III.....	1
MUS 262B	Class Piano IV.....	1
MUS 3470	Wind and Percussion Pedagogy for the Vocal Educator.....	1
MUS 3520	Choral Conducting and Literature.....	3
<i>Subtotal.....</i>		<i>10</i>

*Students whose primary performance area is guitar must enroll in at least eight hours of choral ensembles.

Instrumental Concentration

MUS 161A	Class Voice I.....	1
MUS 162A	Class Voice II.....	1
MUS 261B	Class Piano III.....	1

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MUS	262B	Class Piano IV	1
MUS	3430	Woodwind Techniques and Pedagogy	1
MUS	3450	Brass Techniques and Pedagogy	1
MUS	3460	Percussion Techniques and Pedagogy	1
MUS	3530	Instrumental Conducting and Literature	3
<i>Subtotal</i>			10

General Studies

MTH	1610	Integrated Mathematics I (General Studies–Level I, Mathematics)	3
SPE	1010	Public Speaking (General Studies–Level I, Communications)	3
EDS	3150	Issues in Multicultural Urban Education Secondary (General Studies–Level II, Social Sciences)*	3
PSY	1800	Developmental Educational Psychology (General Studies–Level II, Social Sciences)	3
Additional General Studies classes for the degree**			21
<i>Subtotal</i>			33

*MUS 3350, MUS 3351, and EDS 3150 must be taken concurrently.

**See the General Studies section of this Catalog for requirements.

Human Performance and Sport Major with Physical Education K-12 Licensure

Candidates who wish to obtain Colorado licensure for K-12 Physical Education must earn a Bachelor of Arts (BA) degree with a major in Physical Education. Physical Education majors are required to complete courses in: Professional activities (such as team sports, individual sports and games), the core curriculum (including Physical Education Methods, Anatomical Kinesiology, Exercise Physiology, and Motor Learning), as well as required licensure courses.

The core curriculum is designed to prepare candidates to pass the K-12 Physical Education Content Exam and to teach to the Colorado Model Content Standards for K-12 Education. **Licensure candidates need to meet with a K-12 Physical Education advisor as well as one in Teacher Education.**

Human Performance and Sport Major for Bachelor of Arts

K-12 Physical Education Concentration

General Studies (Required courses for K-12 Physical Education Licensure)

COURSES SEMESTER HOURS

Arts and Letters 6

Communications

SPE 1010 Public Speaking 3

Composition

ENG 1010 Freshman Composition: The Essay 3

ENG 1020 Freshman Composition: Analysis, Research, and Documentation 3

Historical 3

Mathematics

MTH 1610 Integrated Mathematics I 3

Natural Sciences

BIO 1080 General Biology I 3

BIO 1090 General Biology I Laboratory 1

BIO 2310 Human Anatomy and Physiology I (counts as General Studies Exception) 4

BIO 2320 Human Anatomy and Physiology II(counts as General Studies Exception) 4

Social Sciences

HES 1050 Dynamics of Health 3

EDS 3200 Educational Psychology Applied to Teaching 3

Multicultural

EDS 3110* Processes of Education in Multicultural Urban Secondary Schools..... 3
Subtotal.....42
**EDS 3110 must be taken concurrently with EDS 3120*

Courses in the HPS Major for K-12 Physical Education Licensure

COURSES	SEMESTER HOURS
Professional Activity Courses (Required)	
HSL 1020 Skills and Methods of Teaching Weight Training	2
HSL 1040 Skills and Methods of Teaching Activities for the Young Child	2
HSL 1050 Skills and Methods of Teaching Rhythms for the Young Child	2
Approved HSL elective appropriate for teaching secondary school	2
<i>Total</i>	8
A. Individual Sports (4 credits required)	
HSL 1010 Skills and Methods of Teaching Tumbling and Gymnastics	2
HSL 1200 Skills of Swimming, Water Safety and Water Exercise	2
HSL 1210 Skills and Methods of Teaching Archery, Track and Field, and Fitness.....	2
HSL 1220 Skills and Methods of Teaching Bowling, Golf and Recreational Activities	2
HSL 1230 Skills and Methods of Teaching Tennis, Pickleball and Badminton.....	2
HSL 1240 Skills and Methods of Teaching Wrestling and Personal Defense and Yoga.....	2
HSL 1400 Skills and Methods of Teaching Camping, Backpacking and Orienteering	2
<i>Total</i>	4
B. Team Sports (4 credits required)	
HSL 1100 Skills and Methods of Teaching Team Handball, Lacrosse, and Basketball	2
HSL 1110 Skills and Methods of Teaching Soccer, Volleyball and Softball.....	2
HSL 1120 Skills and Methods of Teaching Basketball and Softball	2
HSL 1130 Skills and Methods of Teaching Flag Football, Field Hockey and Floor Hockey ..	2
HSL 1410 Skills and Methods of Teaching Teambuilding, Initiative and Ropes Course Activities	2
<i>Total</i>	4
C. Theory Classes	
HPS 1600 Introduction to Human Performance and Sport.....	2
HPS 1623 Prevention and Care of Athletic Injuries	3
HPS 1640 Physical Fitness Techniques and Programs	2
HPS 2060 Emergency Rescue/First Responder & CPR	3
HPS 3000 Health Programs in Human Performance and Sport.....	3
HPS 3300 Anatomical Kinesiology	3
HPS 3340 Physiology of Exercise.....	3
HPS 3400* Methods of Teaching Secondary Physical Education.....	3
HPS 3410* Field Experience in Secondary Physical Education	2
HPS 3460 Measurement and Evaluation in Human Performance and Sport	3
HPS 3500** Methods of Teaching Elementary Physical Education	3
HPS 3510** Field Experience in Elementary Physical Education	2
HPS 4500 Motor Learning and Development	3
HPS 4620 Adapted Human Performance and Sport Activities	3
HPS 4660 Legal Liability for Physical Educators, Coaches and Administrators.....	3
EDS 3120*** Field Experiences in Multicultural Urban Secondary Schools	2
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
EDT 3610 Applications of Educational Technology	2
-or-	
EDT 3010 Instructional Delivery for Interactive Learning Environments	3
EDU 4190 Student Teaching and Seminar: Elementary K-6	6
EDS 4290 Student Teaching and Seminar: Secondary 7-12.....	6
<i>Approved Elective</i>	1
<i>Subtotal</i>	62

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**HPS 3400 and HPS 3410 must be taken concurrently.*

***HPS 3500 and HPS 3510 must be taken concurrently.*

****EDS 3110 must be taken concurrently with EDS 3120*

<i>General Studies Total</i>	<i>42</i>
<i>Major Total</i>	<i>78</i>
<i>Total Minimum Hours for K-12 Physical Education Major</i>	<i>120</i>

K-12 Post-Baccalaureate Licensure

Post-baccalaureate students seeking K-12 licensure with a major other than music education may need to take additional courses to meet licensure content standards. Please meet with a music education advisor at your earliest opportunity to determine your requirements and take the licensure content test as soon as possible.

Admission requirements for Post-Baccalaureate candidates seeking licensure include evidence of having a conferred Bachelor's degree in the licensure subject area, and meeting the criteria for formal admission. Upon application to the Teacher Education Program, an official transcript from the accredited colleges where the candidate attended, including the one granting the baccalaureate degree, must be brought to the Teacher Application Center (WC 136). The appropriate content area advisors will review the transcript for completed course work appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete specified courses in the content area, in addition to the professional licensure sequence course work, as part of their approved teacher preparation program. Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence and take the licensure content examination as soon as possible.

Art Education Post-Baccalaureate Licensure:

Coursework meeting K-12 teacher licensure standards for art is available through the Art Department. Candidates seeking licensure only must have a previous BFA in Art. Candidates seeking licensure with a degree in Art other than a BFA may need to take additional coursework to meet licensure requirements. Consult an Art education advisor at your earliest opportunity to have your transcripts reviewed.

Admission requirements for post-baccalaureate candidates seeking licensure include evidence of having a conferred Bachelor's degree in the licensure subject area, and meeting the criteria for formal admission. Upon application to the Teacher Education Program, an official transcript from the accredited colleges where the candidate attended, including the one granting the baccalaureate degree, must be brought to the Teacher Application Center (WC 136). The appropriate content area advisors will review the transcript for completed course work appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete specified courses in the content area, in addition to the professional licensure sequence course work, as part of their approved teacher preparation program. Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence and take the licensure content examination as soon as possible.

COURSES	SEMESTER HOURS
ART 3601 Introduction to Art Education	4
ART 3605 The Inclusive Music and Art Classroom (MUS 3390)	2
ART 4201 Art Methods: K-12	4
ART 4703 Student Teaching and Seminar: Elementary K-6*	6
ART 4704 Student Teaching and Seminar: Secondary 7-12*	6
EDS 3110 Processes of Education in Multicultural Urban Secondary Schools	3
EDS 3120 Field Experiences in Multicultural Urban Secondary Schools	2
EDS 3200 Educational Psychology Applied to Teaching	3
MTH 1610 Integrated Mathematics	3
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
<i>Licensure Total</i>	<i>37</i>
Highly Recommended:	
ARTH 3300 Art and Cultural Heritage	3
ART 1531 Introduction to Digital Art and Design**	3
<i>Grand Total</i>	<i>40-43</i>

*Student teaching is composed of daily full-time work during 16 weeks, 8 weeks each of elementary and secondary levels. These courses are dual listed with EDU 4190 and EDS 4290.

**Technology proficiency: Current BFA candidates must take ART 1531 Introduction to Digital Art and Design, as part of their coursework. This course is also required for post-baccalaureate candidates who did not take an equivalent course as part of their degree.

Candidates must achieve a satisfactory score on the state licensure Art Content prior to applying for student teaching.

K-12 Physical Education Post-Baccalaureate Licensure

Admission requirements for Post-Baccalaureate candidates seeking licensure include evidence of having a conferred Bachelor's degree in the licensure subject area, and meeting the criteria for formal admission. Upon application to the Teacher Education Program, an official transcript from the accredited colleges where the candidate attended, including the one granting the baccalaureate degree, must be brought to the Teacher Application Center (WC 136). The appropriate content area advisors will review the transcript for completed course work appropriate for the endorsement being sought. It may be necessary for a Post-Baccalaureate candidate to complete specified courses in the content area, in addition to the professional licensure sequence course work, as part of their approved teacher preparation program. Post-baccalaureate students should begin the licensure program by taking the first education courses in their licensure sequence and take the licensure content examination as soon as possible.

Content Area

COURSES	SEMESTER HOURS
BIO 1080 General Biology I (Fall, Spring, Summer)	3
BIO 1090 General Biology Laboratory I (Fall, Spring, Summer)	1
BIO 2310 Human Anatomy and Physiology I (Fall, Spring, Summer)	4
BIO 2320 Human Anatomy and Physiology II (Fall, Spring, Summer)	4
HPS 1640 Physical Fitness Techniques and Programs	2
HPS 3340 Physiology of Exercise (Fall, Spring)	3
<i>Content Total</i>	<i>17</i>

Movement Exploration

COURSES	SEMESTER HOURS
HSL 1040 Skills and Methods of Teaching Activities for the Young Child	3
-or-	
HSL 1050 Skills and Methods of Teaching Rhythms for the Young Child	2
<i>Movement Total</i>	<i>2-3</i>

Team Sports (minimum 4 credits)

COURSES	SEMESTER HOURS
HSL 1100 Skills and Methods of Teaching Handball and Lacrosse	2
HSL 1110 Skills and Methods of Teaching Soccer, Volleyball and Softball	2
HSL 1120 Skills and Methods of Teaching Basketball and Softball	2
HSL 1130 Skills and Methods of Teaching Flag Football, Field Hockey and Floor Hockey	2
HSL 1410 Skills and Methods of Teaching Teambuilding, Initiative and Ropes Course Activities	2
<i>Team Sports</i>	<i>4</i>

Individual Sports (minimum 4 credits)

COURSES	SEMESTER HOURS
HSL 1010 Skills and Methods of Teaching Tumbling and Gymnastics or	2
HSL 1200 Skills Swimming, Water Safety, and Exercise or	2
HSL 1210 Skills and Methods of Teaching Archery and Track & Field, and Fitness or	2
HSL 1220 Skills and Methods of Teaching Badminton, Golf and Recreational Activities or	2
HSL 1230 Skills and Methods of Teaching Tennis, Pickleball and Badminton or	2
HSL 1240 Skills and Methods of Teaching Wrestling, Personal Defense and Yoga or	2
HSL 1400 Skills and Methods of Teaching Camping, Backpacking and Orienteering	2
<i>Individual Sports</i>	<i>4</i>

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Licensure Sequence

COURSES	SEMESTER HOURS
EDS 3110* Processes of Education in Multicultural Urban Secondary Schools	3
EDS 3120* Field Experience in Multicultural Urban Secondary Schools	2
EDS 3200 Education Psychology Applied to Teaching (courted in General Studies)	3
HPS 3400** Methods of Teaching Secondary Physical Education	3
HPS 3410** Field Experience in Secondary Physical Education	2
HPS 3500*** Methods of Teaching Elementary Physical Education	3
HPS 3510*** Field Experience in Elementary Physical Education	2
HPS 4500 Motor Learning and Development	3
HPS 4620 Adaptive Physical Education	4
EDT 3610 Applications of Educational Technology	2
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
MTH 1610 Integrated Mathematics	4
EDU 4190 Student Teaching and Seminar: Secondary K-5	6
EDS 4290 Student Teaching and Seminar: Secondary 6-12	6
<i>*EDS 3110 must be taken concurrently with EDS 3120</i>	
<i>**HPS 3400 and HPS 3410 must be taken concurrently.</i>	
<i>***HPS 3500 and HPS 3510 must be taken concurrently.</i>	
Licensure Total	47
Grand Total	74-75

SPECIAL EDUCATION PROGRAM

Special Education Major for Bachelor of Arts with Generalist

Licensure Sequence

The special education major is a course of study that will prepare candidates to meet the educational needs of children and adolescents with mild to severe disabilities. The curriculum incorporates the Performance-Based Standards for Colorado Teachers (2000), the Colorado Model Content Standards (1997), the Licensure Standards for the Special Education Generalist, the core standards for the Exceptional Needs Specialist set forth by the National Board for Professional Teaching Standards (1997), and the NCATE/CEC International Standards for the Preparation and Certification of Special Education Teachers (2000). All degree seeking special education majors will complete the elementary or secondary General Studies program and an elementary or secondary concentration that prepares them with the knowledge necessary to teach content within the context of both special education and general education. The education concentrations provide teacher preparation for effective instruction within the context of an inclusionary program. Candidates should consult with a special education faculty advisor for information regarding an added endorsement for Elementary Education.

- Special Education Major with Generalist Licensure
- Special Education Minor
- Special Education Post-Baccalaureate Generalist Licensure
- Alternative Licensure (CASEL Program)

General Course Requirements

All special education majors must complete the General Course Requirements for candidates seeking licensure in elementary or secondary education. In most cases, the courses satisfy to Metro State's General Studies requirements. These courses prepare candidates to pass the elementary content exam required of all special education candidates prior to student teaching. The special education content test must also be passed prior to recommendation for licensure.

Elementary

COURSES	SEMESTER HOURS
ENG 1010 Freshman Composition: The Essay	3
ENG 1020 Freshman Composition: Analysis, Research, and Documentation	3
MTH 1610 Integrated Mathematics I	3

MTH 2620	Integrated Mathematics II	3
SPE 1010	Public Speaking	3
ARTH 3060	Art and Music for Elementary Teachers (MUS 3060)	3
ENG 2460	Introduction to Children's Literature	3
HIS 1210	American History to 1865	3
	-or-	
HIS 1220	American History since 1865	3
SCI 2610	Integrated Natural Science I	3
SCI 2620	Integrated Natural Science II	3
GEG 1920	Concepts and Connections in Geography	3
PSY 1800	Developmental Educational Psychology	3
<i>Total Elementary</i>		<i>36</i>

Secondary

COURSES		SEMESTER HOURS
ENG 1010	Freshman Composition: The Essay	3
ENG 1020	Freshman Composition: Analysis, Research, and Documentation	3
MTH 1610	Integrated Mathematics I	3
MTH 2620	Integrated Mathematics II	3
SPE 1010	Public Speaking	3
XXX xxxx	6 credit hours of Arts and Letters	6
XXX xxxx	3 credit hours of History	3
XXX xxxx	6 credit hours of Social Science	6
XXX xxxx	6 credit hours of Natural Science	6
<i>Total Secondary</i>		<i>36</i>

Degree Seeking Undergraduate Candidates Special Education Core

The special education curriculum is organized into sequences of course work that provide candidates with guidance in program planning. They are comprised of course clusters that candidates may take in any order; however, candidates may not select courses from a higher numbered sequence until the courses in the previous sequence are successfully taken.

Sequence I Courses

COURSES		SEMESTER HOURS
RDG 3110	Foundations of Literacy Instruction in Grades P-6	3
SED 2200	Diversity, Disability and Education	3
SED 2700	Social/Emotional Development and Disorders	3
SED 3600	The Exceptional Learner in the Classroom	3
SED 3650	Curriculum and Content Standards	3
SLHS 1500	Introduction to Communication Disorders	3
SLHS 2890	Language Acquisition	3
<i>Subtotal Sequence I</i>		<i>21</i>

Sequence II Courses

COURSES		SEMESTER HOURS
SED 3700	Educational and Medical Aspects of Disabilities	3
SED 3750	Assessment, Methods, and Assistive Technology for Severe Disabilities	3
SED 3800	Differentiated Instruction for Mathematics and Literacy	3
SLHS 3590	Classroom Intervention for Communication Disorders	3
<i>Subtotal Sequence II</i>		<i>12</i>

Sequence III Courses

COURSES		SEMESTER HOURS
SED 4050	Evaluation and Program Planning	3
SED 4200	Language Development and Reading Disabilities	3
SED 4250	Effective Behavioral Support Systems	3
SED 4300	Assessment and Methods for Emotional/Behavior Disorders	3
<i>Subtotal Sequence III</i>		<i>12</i>

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Sequence IV Classes

COURSES	SEMESTER HOURS
SED 4420 Issues in Special Education	2
SED 4430 Assessment, Instruction and Collaboration Practicum: Elementary	3
SED 4440 Assessment, Instruction and Collaboration Practicum: Secondary	3
<i>Subtotal Sequence IV</i>	8

Sequence V Courses* - Student Teaching

Candidates must take 12 credits of Student Teaching in one of the following pairs of courses :

COURSES	SEMESTER HOURS
SED 4490 Special Education Student Teaching and Seminar: Elementary	6
EDU 4190 Student Teaching and Seminar: Elementary K-6	6
-or-	
SED 4490 Special Education Student Teaching and Seminar: Elementary	6
SED 4500 Special Education Student Teaching and Seminar: Secondary	6
-or-	
EDS 4290 Student Teaching and Seminar: Secondary 7-12	6
SED 4500 Special Education Student Teaching and Seminar: Secondary	6
-or-	
SED 4490 Special Education Student Teaching and Seminar: Elementary	12
-or-	
SED 4500 Special Education Student Teaching and Seminar: Secondary	12
<i>Subtotal Sequence V</i>	12
<i>Total Special Education Core</i>	65

*Candidates who are not seeking licensure may substitute recommended electives for student teaching courses.

Education Concentrations

Degree seeking candidates majoring in Special Education **must** choose an Elementary Education **or** Secondary Education concentration. The education concentration will allow the candidate to obtain content and experience in the regular education environment. The courses for each concentration are as follows:

Elementary Education Concentration

COURSES	SEMESTER HOURS
EDT 3610 Applications of Educational Technology	2
EDU 4100 Integrated Methods of Teaching Language Arts and the Social Studies: K-6	3
EDU 4105 Integrated Language Arts and Social Studies Field Experience: K-6 (60 hours)	1
EDU 4120 Integrated Methods of Teaching Science, Health and Mathematics: K-6	3
EDU 4125 Integrated Science, Health and Mathematics Field Experience (45 hours)	1
RDG 4000 Literacy Instruction in Grades K-6	3
<i>Total</i>	13

Secondary Education Concentration

COURSES	SEMESTER HOURS
EDS 3200 Educational Psychology Applied to Teaching	3
EDS 3210 Standards-Based Curriculum, Assessment, and Classroom Management in the Secondary School	3
EDS 3220 Field Experience in Standards-Based Teaching, Assessment, and Management in the Secondary School (80 hours)	2
EDT 3610 Applications of Educational Technology	2
RDG 3280 Teaching Literacy Skill Development in the Content Areas	4
<i>Total</i>	14

*Special Education Majors with a Secondary Concentration must take 12 hours of Special Education Student teaching (SED 4500) if they do not have a secondary content area.

Summary of Special Education Major

Special Education Major with Elementary Education Concentration	
Special Education Core	65
Elementary Education Concentration	13
General Course Requirements	36
Electives	6
<i>Total Program Hours</i>	<i>120</i>

Special Education Major with Secondary Education Concentration

Special Education Major with Secondary Education Concentration	
Special Education Core	65
Secondary Education Concentration	14
General Course Requirements	36
Electives	5
<i>Total Program Hours</i>	<i>120</i>

Special Education Minor

The minor in Special Education is designed to prepare teachers, physical educators, counselors, and professionals to work with exceptional candidates in educational, therapeutic, and recreational settings. candidates should understand that this 18 hour course of study fulfills Metro State requirements for a minor, but it does not lead to licensure.

Special Education Minor Courses:

COURSES	SEMESTER HOURS
SED 3600 The Exceptional Learner in the Classroom	3

PLUS a minimum of 15 hours selected in consultation with a Special Education advisor, from the following courses:

COURSES	SEMESTER HOURS
SED 2200 Diversity, Disability and Education	3
SED 2700 Social/Emotional Development and Disorders	3
SED 3650 Curriculum and Content Standards	3
SED 3700 Educational and Medical Aspects of Disabilities	3
SED 3750 Assessment, Methods, and Assistive Technology for Severe Disabilities	3
SED 3800 Differentiated Instruction for Mathematics and Literacy	3
SED 4050 Evaluation and Program Planning	3
SED 4200 Language Development and Reading Disabilities	3
SED 4250 Effective Behavioral Support Systems	3
SED 4300 Assessment and Interventions for Emotional/Behavioral Disorders	3
<i>Total for Minor</i>	<i>18</i>

Special Education Post-Baccalaureate Program

The Metro State post-baccalaureate licensure program in Special Education provides candidates with a case-based curriculum designed to prepare candidates to meet the needs of children and adolescents with mild to severe disabilities. This professional education sequence for a special education generalist provides content that emphasizes developing effective decision-making in diverse contexts.

Candidates who are interested in the program are required to have a baccalaureate degree. Candidates who do not have a baccalaureate degree should pursue the Special Education undergraduate major. All candidates who enroll in the post-baccalaureate licensure program for Special Education Generalist must take an educational psychology prerequisite course (PSY 1800 or EDS 3200 or the equivalent) and a mathematics content course (MTH 1610 or the equivalent) Candidates must see their special education advisors at least twice a year for information regarding program planning.

General Course Requirements

COURSES	SEMESTER HOURS
PSY 1800 Developmental Educational Psychology	3
-or-	
EDS 3200 Educational Psychology Applied to Teaching	3

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MTH 1610	Integrated Mathematics I	3
<i>Subtotal</i>		6
Sequence I Courses		
COURSES		SEMESTER HOURS
RDG 3110	Foundations of Literacy Instruction in Grades P-6	3
SED 2200	Diversity, Disability and Education	3
SED 3600	The Exceptional Learner in the Classroom	3
SED 3650	Curriculum and Content Standards	3
<i>Subtotal</i>		12
Sequence II Courses		
COURSES		SEMESTER HOURS
SED 3700	Educational and Medical Aspects of Disabilities	3
SED 3750	Assessment, Methods, and Assistive Technology for Severe Disabilities	3
SED 3800	Differentiated Instruction for Mathematics and Literacy	3
<i>Subtotal</i>		9
Sequence III Courses		
COURSES		SEMESTER HOURS
SED 4050	Evaluation and Planning	3
SED 4200	Language Development and Reading Disabilities	3
SED 4250	Effective Behavioral Support Systems	3
SED 4300	Assessment and Methods for Emotional/Behavioral Disorders	3
<i>Subtotal</i>		12
Sequence IV Courses		
COURSES		SEMESTER HOURS
SED 4430	Assessment, Instruction and Collaboration Practicum: Elementary	3
-or-		
SED 4440	Assessment, Instruction and Collaboration Practicum: Secondary	3
<i>Subtotal</i>		3
Sequence V Courses		
SED 4490	Special Education Student Teaching and Seminar: Elementary	12
-or-		
SED 4500	Special Education Student Teaching and Seminar: Secondary	12
<i>Subtotal Sequence V</i>		12
General Studies Courses		6
<i>Licensure Total</i>		48
<i>Grand Total</i>		54

Colorado Accelerated Special Education Licensure (CASEL) Program:

The Colorado Accelerated Special Education Licensure (CASEL) Program is a Teacher in Residence program that provides an alternative pathway to K-12 licensure as special education generalist. Courses required for this program are the same as those required for the post-baccalaureate licensure program for special education generalist.

To enroll in the CASEL program, candidates must have a baccalaureate degree from a regionally accredited college or university, meet the Colorado Department of Education requirements for undergraduate coursework in general studies for elementary education licensure, pass the Elementary Education content test and secure a special education teaching position with one of the participating metro-area school districts.

The CASEL program requires participation in a two-week orientation before the beginning of school in year 1, weekly classes for four semesters, a three-week practicum during the summer between years 1 and 2, completion of a professional portfolio including a Teacher Work Sample and 100 hours of coaching and mentoring each year. In the event that candidates seek to transfer from the CASEL program to the Metro State on-campus post-baccalaureate program, they must submit a petition to the special education faculty, but there is no guarantee that the program transfer will be approved.

CASEL candidates who complete a total of 48 credit hours during the two years of the program, demonstrate proficiency on the Performance-Based Standards for Colorado Special Education Generalist, achieve a passing score on the PLACE Special Education content exam during the second year of the program and complete their district's induction program will be recommended by their district for a Special Education Generalist license from the Colorado Department of Education.

The CASEL program is administered through the Metro South Extended Campus office at 5660 Greenwood Plaza Boulevard, Suite 100. Call (303) 721-1313 for more information about the program.

Linguistically Diverse Education Minor and Added ESL / Bilingual Endorsement Programs

The principal objective of the Linguistically Diverse Education Minor and Added ESL / Bilingual Endorsement Programs is to prepare future teachers to meet the needs of all students, particularly the increasing numbers of culturally and linguistically diverse students. This minor and teacher endorsement program prepares teachers to conduct all phases of classroom instruction in a culturally and linguistically diverse setting and to promote K-12 students' academic success and development of English language and literacy and/or continued Spanish literacy. In the developmental sequence, the minor provides the potential or practicing teacher with a background of intercultural understanding and the ability to deliver content and literacy instruction using research-based language acquisition theory and practice; if teacher candidates choose the bilingual focus they will also be prepared to deliver content and literacy instruction in Spanish. The Linguistically Diverse Education Minor and Added Bilingual / ESL Endorsement Programs provide three options teacher candidates may pursue in order to achieve their professional goals.

Linguistically Diverse Education Minor

Option 1: Linguistically Diverse Education Minor

Intermediate fluency in a language other than English is required. This fluency can be satisfied by the completion of at least two semesters (10 credits) in one foreign language at an accredited college with grades of "C" or better or by providing a satisfactory test score from a recognized foreign language proficiency exam (for Spanish this is a score of at least 400 on the BYU Spanish Language Proficiency exam). An initial license area is needed. The student completes a 3 credit field experience course in culturally and linguistically diverse education.

Option 2: Linguistically Diverse Education Minor—with recommendation for the additional Colorado Department of Education endorsement as Linguistically Diverse Education: ESL Specialist

A student must complete the requirements for Option 1 with the 3 credit field experience course replaced by an eight week Linguistically Diverse Student Teaching course (LDE 4590, 6 credits). In addition, the student must complete eight weeks of student teaching in an elementary, secondary, or early childhood classroom working with a cooperating teacher in the student's initial licensure area (6 credits). A student must pass the content test in their initial licensure area prior to applying for student teaching. The student must pass the Linguistically Diverse: ESL Specialist PLACE Test prior to applying for ESL endorsement.

Option 3: Linguistically Diverse Education Minor—with recommendation for the additional Colorado Department of Education endorsement as Linguistically Diverse Education: Bilingual Specialist

A student must complete the requirements for Option 2 with the eight week Linguistically Diverse Student Teaching course completed in a bilingual classroom (LDE 4690, 6 credits). In addition, the student must score a minimum score of 400 on the BYU Spanish language proficiency exam or have satisfactorily completed the requirements for a major in Spanish or for Spanish endorsement, satisfactorily complete a course in teaching literacy and content in Spanish (LDE 3950), and pass the Spanish Language

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PLACE Test. The student must pass the Linguistically Diverse: Bilingual Specialist PLACE Test prior to applying for Bilingual endorsement.

Linguistically Diverse Education Minor Courses

REQUIRED CORE COURSES	SEMESTER HOURS
SLHS 2890 Language Acquisition	3
ANT 2330 Cross-Cultural Communication	
-or-	
SPE 3760 Cultural Influences on Communication	3
CHS 3300 Education of Chicano Children (EDU 3120)	3
LDE 3510 Perspectives in Education for Culturally and Linguistically Diverse Learners	3
LDE 3910 Assessment of English Language Learners	3

One of the following three courses depending on initial licensure area:

ECE 3750 Enhancing Language Learning in Early Childhood Education for Culturally and Linguistically Diverse Learners	3
RDG 3290 Literacy in the Content Areas for Secondary Culturally and Linguistically Diverse Learners	3
RDG 3530 Foundations of Language and Literacy for Culturally and Linguistically Diverse Learners in Elementary Classrooms	3
<i>Subtotal</i>	<i>18</i>

Additional course for Option 1

LDE 4520 Field Experience in Culturally and Linguistically Diverse Education	3
<i>Total for Option 1</i>	<i>21</i>

Additional course for Option 2

LDE 4590 Culturally and Linguistically Diverse: ESL Student Teaching and Seminar	6
<i>Total for Option 2</i>	<i>24</i>

Additional courses for Option 3

LDE 3950 Teaching Literacy and Content in Spanish	3
LDE 4690 Culturally and Linguistically Diverse: Bilingual Student Teaching and Seminar	6
<i>Total for Option 3</i>	<i>27</i>

Added Linguistically Diverse Endorsement

This option is for teachers already licensed in early childhood, elementary, or secondary education. The teacher must complete Option 1 of the Linguistically Diverse Minor and pass the Linguistically Diverse: ESL Specialist PLACE Test prior to applying for ESL Endorsement.

Added Linguistically Diverse Bilingual Endorsement

This option is for teachers already licensed in early childhood, elementary, or secondary education and who have completed the Linguistically Diverse Endorsement. The teacher must earn a minimum score of 400 on the BYU Spanish language proficiency exam or have satisfactorily completed the requirements for a major in Spanish or Spanish endorsement. In addition, the teacher must complete a course in teaching literacy and content in Spanish (LDE 3950, 3 credits), and pass the Spanish Language PLACE Test. The teacher must pass the Linguistically Diverse: Bilingual Specialist PLACE Test prior to applying for Bilingual endorsement.