

Articulation Guide: Associates of Arts in Teaching Degree:

East Central College and Webster University

General Information

Admission to the Education Major

Candidates may be fully admitted to the major when the following criteria have been met:

* A B - or better in EDUC 3150 Education in a Diverse Society (**Note: Transfer students will be held to a B- or better in Foundations of Education**)

* A B or better in EDUC 3155 Early Diversity Practicum: (**Note: Transfer students will be held to a B or better in Teaching Profession with Field Experience**)

* A completed Candidate Responsibility Form

* A departmental GPA of 3.0, based on all EDUC courses taken

General Information

1. Candidates pursuing teacher certification will not be allowed to register for EDUC methods courses if all sections of the C-Base Exam have not been successfully completed upon earning 64 college-level credit hours. **Transfer students must complete the C-Base requirement during the first semester following transfer to Webster.**

2. Candidates must maintain a grade point average (G.P.A.) of at least 3.0 in the education major. A cumulative G.P.A. of 2.75 in all college-level coursework for students pursuing initial teacher certification is required.

3. Candidates must demonstrate satisfactory competency in regard to the knowledge, skills, and dispositions identified in the School of Education Conceptual Framework.

4. Courses completed with a grade of D do not count toward fulfilling specific course requirements of the major.

Teacher Certification

Because students pursue initial teacher certification as part of their degree, a Program of Study (POS) is designed to meet the general education requirements of both the Missouri Department of Elementary and Secondary Education (DESE) and the degree requirements of Webster University.

Teacher Certification Programs

- Early Childhood Education (birth-3)
- Elementary Education (1-6)
- Middle School Education (5-9)

- English (9-12)
- Foreign Language (K-12) (French, German, Spanish)
- Journalism (9-12)
- Mathematics (9-12)
- Social Studies (9-12)
- Unified Science/Biology (9-12)
- Art (K-12)
- Music (K-12)
- Special Education (K-12) (Mild/Moderate Cross-Categorical)

Candidates seeking secondary education certification generally choose a second major in their specialty area. Advisors from the specialty area work closely with the School of Education to ensure that students meet the requirements of both their majors and teacher certification. Candidates pursuing a secondary school certificate in a specialty area must maintain at least a 3.0 G.P.A. in all professional education and content coursework as required by DESE.

Note: While some content courses taken at the Community College may be accepted as meeting requirements for middle school and secondary certification, it is critical that students contact a Webster University Department of Teacher Education advisor to determine if specific coursework will count towards certification or a content area major.

Admission to Teacher Certification

Admission to teacher certification requires the following:

- successful completion of all sections of the C-BASE Exam by 64 credit hours of college-level coursework (transfer students must pass all sections of the C-Base during the first semester following transfer to Webster University);
- a written Program of Study (POS) outlining the degree and program requirements developed by completion of 64 credit hours;
- completion of a college composition course with a grade of B- or better;
- completion of a college mathematics course (appropriate to the area of emphasis) with a grade of B- or better;
- completion of EDUC 3150 with a grade of B- or better (Foundations of Education);
- completion of EDUC 3155 with a grade of B or better (Teaching Profession with Field Experience);
- a minimum cumulative G.P.A. of 2.75 in all college-level coursework.

Practicum/Apprentice Teaching

A 3000-level practicum is required as a prerequisite to apprentice teaching. To enroll in a practicum, candidates must make formal application to the Office of Apprentice Teaching and Field Experience at least eight weeks prior to the

term/semester in which they plan to complete the practicum. Applications must be filed during periods designated and posted.

Apprentice teaching is a requirement for all initial certifications. To enroll in apprentice teaching, candidates must make formal application to the Office of Apprentice Teaching and Field Experience at least one semester prior to the semester in which they plan to apprentice teach. Applications must be filed during periods designated and posted.

Note: The application for practicum and apprentice teaching will not be accepted if the candidate has not been formally accepted to teacher certification status.

Candidates should contact the Office of Apprentice Teaching and Field Experience to obtain an application for apprentice teaching. Apprentice teaching and practicum placements will be made in the St. Louis City, St. Louis County, Fox, and Francis Howell School Districts. Candidates should not contact school officials or teachers about placement, but they should contact the office of the Coordinator of Apprentice Teaching and Field Experience for such information. The Apprentice Teaching Handbook will be issued at the apprentice teaching orientation meeting. All candidates enrolled in apprentice teaching must participate in a mandatory seminar.

All Undergraduate candidates for certification must complete either their practicum or apprentice teaching in a diverse setting.

Application for Certification

All candidates seeking initial certification are required to present a capstone project (a Teacher Work Sample or Teacher Portfolio) demonstrating competency in teaching as identified by the Department of Elementary and Secondary Education (DESE).

All candidates seeking teacher certification must achieve the Missouri minimum score on the PRAXIS II, which is administered at least six times a year. Information on this test may be obtained in the Office of Teacher Certification.

Undergraduate Registration into M.A.T. Courses

Courses in the 5000 series are graduate courses. An upper-division undergraduate student may enroll in them with the written permission of his or her advisor and the appropriate dean.

In addition, undergraduate students are not eligible to register into M.A.T. courses until M.A.T. pre-registration is completed. Then, if open seats are available in a particular course, the student may consult with his or her advisor regarding registration in M.A.T. courses.

Required Courses For Certification in Early Childhood Education

Transfer of 4 Core Courses

Webster University Course	ECC Course Equivalent
EDUC 3150: Education in a Diverse Society (3 cr) (B- or better required)	ED 2033: Foundations of Education (3 cr) (B- or better required)
EDUC 3155: Early Field Experience (1 cr) (B or better required)	ED 2123: Teaching Profession with Field Experience (3 cr) B or better required)
EDUC 3100: Teaching and Learning (2 cr)	ED 2413: Educational Psychology (3 cr)
EDUC 3125: Technology in the Classroom (not currently required for Early Childhood Certification candidates)	ED 2003: Technology for Teachers (3 cr)

Additional Courses for the Education Major and Certification
Candidates may transfer in eligible coursework up to 64 credit hours or the number of credit hours associated with the A.A.T.

Webster University Course	ECC Course Equivalent
ARHS 1050: Art Appreciation or any ARHS Course or MUSC 1050: Music Appreciation or MUSC 1070: Topics in Music or THEA 1050: Theatre Appreciation	AR 1203, AR 1703, AR 1713, MU 1603, MU 1623 or CT 1303
Any Biology Course with a lab	Any Biology Course with a lab
Any Physical or Earth Science Course with a lab	Any Earth Science Course with a lab
EDUC 2070: Child Development or PSYC 2200: Child Psychology	PY 2203
EDUC 2110: Communication in Education	CT 1103
EDUC 2900: The Exceptional Individual	ED 2443
EDUC 3180: Children's Literature	EN 2033
EDUC 4020: Health, Nutrition, and Safety	ED 1153

Webster University Course	ECC Course Equivalent
HIST 1300 (Revolutionary America) or HIST 1310 (19 th Century America) or HIST 1320 (20 th Century America)	HI 1103 or HI 1203
MTHT 1300: Math for Elementary Teachers I (B- or better required in 1 of the 2 Math courses)	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
MTHT 1350: Math for Elementary Teachers II (B- or better required in 1 of the 2 Math courses) or MATH 1410: Intro to College Math or MATH 1420: Modular Algebra or MATH 1430: College Algebra	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
PSYC 1100: Introduction to Psychology	PY 1103
POLT 1060: Introduction to American Politics	PS 1103 or PS 1203
WRIT 1010: College Composition I (B- or better required in 1 of the 2 Composition courses)	EN 1223 (B- or better required in 1 of the 2 Composition courses)
WRIT 2000: College Composition II or EDUC 3300: Writing for Teachers or WRIT 2072: Writing in the Workplace or ENGL 2150, ENGL 2160, or ENGL 2170: Creative Writing (B- or better required in 1 of the 2 Composition courses)	EN 1333 or EN 1403 (B- or better required in 1 of the 2 Composition courses)

Additional Professional Education Coursework to be taken in residency

- EDUC 2850 Foundations in Early Childhood Education (B- or better required) (3 cr)
- EDUC 3101*: Classroom Assessment (1 cr)
- EDUC 3170 Language Arts (3 cr)
- EDUC 3375 Behavior Management (3 cr)
- EDUC 3520 Teaching Reading, Elementary (3 cr)
- EDUC 3600 Classroom Organization and Curriculum Implementation (3 cr)
- EDUC 3700 Strategies in Reading and Writing Instruction (3 cr)
- EDUC 4690 Analysis and Advancement of Reading Abilities (3 cr)
- EDUC 4740 Child Development II (3 cr)
- EDUC 4770 Assessing the Needs of the Young Child (3 cr)
- EDUC 4830 Early Childhood Curriculum (3 cr)
- EDUC 4880 Family and Community Resources (3 cr)
- MTHT 4310 Methods and Materials for Teaching Elementary Math (2 cr)

PHIL 2050 Philosophy and History of Education (3 cr)

Additional Field Experience Requirements

EDUC 4741 Infant/Toddler practicum (45 Contact Hours)

EDUC 4831 Preschool practicum (45 Contact Hours)

EDUC 4832 Early/Primary practicum (45 Contact Hours)

EDUC 4940 Apprentice Teaching: Pre-K-Kindergarten (8 weeks)

EDUC 4950: Apprentice Teaching: Primary (8 weeks)

Apprentice Teaching Seminar: (1 cr)

Additional elective coursework to total 128 credit hours

*** Note: EDUC 3101 is still in the approval process.**

Required Courses For Certification in Elementary Education

Transfer of 4 Core Courses

Webster University Course	ECC Course Equivalent
EDUC 3150: Education in a Diverse Society (3 cr) (B- or better required)	ED 2033: Foundations of Education (3 cr) (B- or better required)
EDUC 3155: Early Field Experience (1 cr) (B or better required)	ED 2123: Teaching Profession with Field Experience (3 cr) B or better required)
EDUC 3100: Teaching and Learning (2 cr)	ED 2413: Educational Psychology (3 cr)
EDUC 3125: Technology in the Classroom (not currently required for Early Childhood Certification candidates)	ED 2003: Technology for Teachers (3 cr)

Additional Courses for the Education Major and Certification
Candidates may transfer in eligible coursework up to 64 credit hours or the number of credit hours associated with the A.A.T.

Webster University Course	ECC Course Equivalent
ANSO 1010: Introduction to Sociology or ANSO 1070: Introduction to Cultural Anthropology	SO 1103 or AN 1003
ANSO 1090: Topics in Geography	GE 1003
ARHS 1050: Art Appreciation or any ARHS Course or MUSC 1050: Music Appreciation or MUSC 1070: Topics in Music or THEA 1050: Theatre Appreciation	AR 1203, AR 1703, AR 1713, MU 1603, MU 1623 or CT 1303
Any Biology Course with a lab	Any Biology Course with a lab
Any Physical or Earth Science Course with a lab	Any Earth Science Course with a lab
EDUC 2070: Child Development or PSYC 2200: Child Psychology	PY 2203
EDUC 2110: Communication in Education	CT 1103
EDUC 2900: The Exceptional Individual	ED 2443
EDUC 3180: Children's Literature	EN 2033

Webster University Course	ECC Course Equivalent
EDUC 3300: Economics for Educators	EC 2103 or EC 2203
EDUC 3540: Art and Music Methods	AR 2023 and MU 2043
HIST 1300 (Revolutionary America) or HIST 1310 (19 th Century America) or HIST 1320 (20 th Century America)	HI 1103 or HI 1203
MTHT 1300: Math for Elementary Teachers I (B- or better required in 1 of the 2 Math courses)	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
MTHT 1350: Math for Elementary Teachers II (B- or better required in 1 of the 2 Math courses) or MATH 1410: Intro to College Math or MATH 1420: Modular Algebra or MATH 1430: College Algebra	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
PSYC 1100: Introduction to Psychology	PY 1103
POLT 1060: Introduction to American Politics	PS 1103 or PS 1203
WRIT 1010: College Composition I (B- or better required in 1 of the 2 Composition courses)	EN 1223 (B- or better required in 1 of the 2 Composition courses)
WRIT 2000: College Composition II or EDUC 3300: Writing for Teachers or WRIT 2072: Writing in the Workplace or ENGL 2150, ENGL 2160, or ENGL 2170: Creative Writing (B- or better required in 1 of the 2 Composition courses)	EN 1333 or EN 1403 (B- or better required in 1 of the 2 Composition courses)

Additional Professional Education Coursework to be taken in residency

EDUC 3101*: Classroom Assessment (1 cr)
 EDUC 3170 Language Arts (3 cr)
 EDUC 3180 Children's Literature (3 cr)
 EDUC 3375: Behavior Management (3 cr)
 EDUC 3520 Teaching Reading, Elementary (3 cr)
 EDUC 3550 Health and PE Methods (2 cr) **NOTE: While PE 2053 meets the competencies for Physical Education, it does not embed Health competencies.**
 EDUC 3560 Science Methods for the Elementary Grades (3 cr)
 EDUC 3570 Social Studies Methods for the Elementary Grades (3 cr)
 EDUC 3600 Classroom Organization and Curriculum Implementation (3 cr)
 EDUC 3700 Strategies in Reading and Writing Instruction (3 cr)

EDUC 4690 Analysis and Advancement of Reading Abilities (3 cr)
MTHT 4310 Methods and Materials for Teaching Elementary Math (2 cr)
PHIL 2050 Philosophy and History of Education (3 cr)

Additional Field Experience

EDUC 3000: Elementary Practicum (3 cr/135 contact hours)
EDUC 4950: Apprentice Teaching Primary or EDUC 4960: Apprentice
Teaching: Intermediate (13 cr hrs)
Apprentice Teaching Seminar (1 cr)

Additional elective coursework to total 128 credit hours

*** Note: EDUC 3101 is still in the approval process.**

Required Courses For Certification in Middle School Education

Transfer of 4 Core Courses

Webster University Course	ECC Course Equivalent
EDUC 3150: Education in a Diverse Society (3 cr) (B- or better required)	ED 2033: Foundations of Education (3 cr) (B- or better required)
EDUC 3155: Early Field Experience (1 cr) (B or better required)	ED 2123: Teaching Profession with Field Experience (3 cr) B or better required)
EDUC 3100: Teaching and Learning (2 cr)	ED 2413: Educational Psychology (3 cr)
EDUC 3125: Technology in the Classroom (not currently required for Early Childhood Certification candidates)	ED 2003: Technology for Teachers (3 cr)

Additional Courses for the Education Major and Certification
Candidates may transfer in eligible coursework up to 64 credit hours or the
number of credit hours associated with the A.A.T.

Webster University Course	ECC Course Equivalent
ARHS 1050: Art Appreciation or any ARHS Course or MUSC 1050: Music Appreciation or MUSC 1070: Topics in Music or THEA 1050: Theatre Appreciation	AR 1203, AR 1703, AR 1713, MU 1603, MU 1623 or CT 1303
Any Biology Course with a lab	Any Biology Course with a lab
Any Physical or Earth Science Course with a lab	Any Earth Science Course with a lab
EDUC 2110: Communication in Education	CT 1103
EDUC 2900: The Exceptional Individual	ED 2443
HIST 1300 (Revolutionary America) or HIST 1310 (19 th Century America) or HIST 1320 (20 th Century America)	HI 1103 or HI 1203
MATH 1410: Intro to College Math or MATH 1420: Modular Algebra or MATH 1430: College Algebra (B- or better required in 1 of the 2 Math courses)	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
MTHT 1350: Math for Elementary Teachers II (B- or better required in 1	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math

Webster University Course	ECC Course Equivalent
of the 2 Math courses) or MATH 1410: Intro to College Math or MATH 1420: Modular Algebra or MATH 1430: College Algebra	courses)
PSYC 1100: Introduction to Psychology	PY 1103
POLT 1060: Introduction to American Politics	PS 1103 or PS 1203
WRIT 1010: College Composition I (B- or better required in 1 of the 2 Composition courses)	EN 1223 (B- or better required in 1 of the 2 Composition courses)
WRIT 2000: College Composition II or EDUC 3300: Writing for Teachers or WRIT 2072: Writing in the Workplace or ENGL 2150, ENGL 2160, or ENGL 2170: Creative Writing (B- or better required in 1 of the 2 Composition courses)	EN 1333 or EN 1403 (B- or better required in 1 of the 2 Composition courses)

Additional Professional Education Coursework to be taken in residency
***Some content courses may be transferred. Consult with an advisor in the Education Department**

Additional Certification Requirements

EDUC 2080: Early Adolescent Development (3 cr)
EDUC 2240: Middle School History and Philosophy (3 cr)
EDUC 3101*: Classroom Assessment (1 cr)
EDUC 3375: Behavior Management (3 cr)
EDUC 3700: Strategies in Reading and Writing Instruction (3 cr)
EDUC 4070: Teaching Reading in Content Areas (3 cr)
EDUC 4130: Teaching Writing (3 cr)
EDUC 4200: Middle School Curriculum and Instruction (3 cr)
PSYC 3900: Introduction to Counseling (3 cr)

Additional coursework based on area of emphasis

Language Arts

ENGL 1030 Introduction to Literature (3 cr)
ENGL 1510 Major Dramatists I (3 cr)
ENGL 2030: Major U.S. Writers I or ENGL 2050: Major U.S. Writers II (3 cr)
ENGL 2110 Perspectives or ENGL 3900 Myth & Modern Literature (3 cr)
ENGL 4200 Contemporary Linguistics (3 cr)
EDUC 3190 Young Adult Literature (3 cr)

EDUC 3170 Language Arts or EDUC 4110 Secondary English Methods (3 cr)

Social Studies

HIST 1100 World Civilization before 1500 or HIST 2200 History of Medieval Society (3 cr)

HIST 1300 Revolutionary America (3 cr)

HIST 1310 19th C. American History (3 cr)

HIST 1320 20th C. American History (3 cr)

HIST 2220 Modern European History or INTL 1500 World Systems since 1500 (3 cr)

EDUC 3190: Young Adult Literature (3 cr)

EDUC 3300 Economics for Educators or Macro/Micro Economics (3 cr)

EDUC 3570 Middle School Social Studies Methods(3 cr)

Mathematics

MATH 1610 Calculus I (3 cr)

MATH 1620 Calculus II (3 cr)

MATH 2980 Introduction to Algebraic Structures (3 cr)

MATH 3200 Statistics (3 cr)

MATH 3530 Modern Geometry or MATH 3510 Vector Geometry (prereq: Calc III) (3 cr)

MATH 3610 Probability (3 cr)

MTHT 4450 Middle School Mathematics Methods (3 cr)

Science

BIOL 1550/1551 Essential of Biology I w/lab (3 cr)

CHEM 1100/1101 Chemistry I w/lab (3 cr)

PHYS 2030/2031 University Physics I or SCIN 1010/1011 Topics in Physical Science w/lab (3 cr)

SCIN 1150 Astronomy (3 cr)

SCIN 1520 Environmental Science (3 cr)

SCIN 1600 Physical Geology (3 cr)

EDUC 3560 Middle School Science Methods (3 cr)

Additional Field Experience

EDUC 3000: Middle School Practicum (3 cr/135 contact hours)

EDUC 4965: Apprentice Teaching: Middle School (13 cr hrs)

Apprentice Teaching Seminar (1 cr)

Additional elective coursework to total 128 credit hours

*** Note: EDUC 3101 is still in the approval process.**

Required Courses For Certification in Secondary Education

Transfer of 4 Core Courses

Webster University Course	ECC Course Equivalent
EDUC 3150: Education in a Diverse Society (3 cr) (B- or better required)	ED 2033: Foundations of Education (3 cr) (B- or better required)
EDUC 3155: Early Field Experience (1 cr) (B or better required)	ED 2123: Teaching Profession with Field Experience (3 cr) B or better required)
EDUC 3100: Teaching and Learning (2 cr)	ED 2413: Educational Psychology (3 cr)
EDUC 3125: Technology in the Classroom (not currently required for Early Childhood Certification candidates)	ED 2003: Technology for Teachers (3 cr)

Additional Courses for the Education Major and Certification
Candidates may transfer in eligible coursework up to 64 credit hours or the number of credit hours associated with the A.A.T.

Webster University Course	ECC Course Equivalent
ARHS 1050: Art Appreciation or any ARHS Course or MUSC 1050: Music Appreciation or MUSC 1070: Topics in Music or THEA 1050: Theatre Appreciation	AR 1203, AR 1703, AR 1713, MU 1603, MU 1623 or CT 1303
Any Biology Course (1 of the two science courses requires a lab)	Any Biology Course (1 of the two science courses requires a lab)
Any Physical or Earth Science (1 of the two science courses requires a lab)	Any Earth Science Course (1 of the two science courses requires a lab)
EDUC 2110: Communication in Education	CT 1103
EDUC 2120: Adolescent Development or PSYC 2250	PY 2503
EDUC 2900: The Exceptional Individual	ED 2443
HIST 1300 (Revolutionary America) or HIST 1310 (19 th Century America) or HIST 1320 (20 th Century America)	HI 1103 or HI 1203
MATH 1410: Intro to College Math or	MT 1323 or MT 1403

Webster University Course	ECC Course Equivalent
MATH 1420: Modular Algebra or MATH 1430: College Algebra (B- or better required in 1 of the 2 Math courses)	(B- or better required)
PSYC 1100: Introduction to Psychology	PY 1103
POLT 1060: Introduction to American Politics	PS 1103 or PS 1203
WRIT 1010: College Composition I (B- or better required in 1 of the 2 Composition courses)	EN 1223 (B- or better required in 1 of the 2 Composition courses)
WRIT 2000: College Composition II or EDUC 3300: Writing for Teachers or WRIT 2072: Writing in the Workplace or ENGL 2150, ENGL 2160, or ENGL 2170: Creative Writing (B- or better required in 1 of the 2 Composition courses)	EN 1333 or EN 1403 (B- or better required in 1 of the 2 Composition courses)

Additional Professional Education Coursework to be taken in residency
***Some content courses may be transferred. Consult with an advisor in the Education Department**

Additional Certification Requirements

EDUC 3101*: Classroom Assessment (1 cr)
EDUC 3375: Behavior Management (3 cr)
EDUC 3500: Techniques of Secondary Teaching (3 cr) (Not required for Choral or Instrumental Certification programs)
EDUC 4070: Teaching Reading in Content Areas (3 cr)

Additional coursework based on area of certification

Art K-12

ART 1110 Introduction to Drawing
ART 1210 Design 2D
ART 2410 Painting I
ART 2510 Sculpture I
ART 2530 Ceramics I
ART 3630 Papermaking
ART 3910 Art for Elementary Grades

ART 4930 Secondary Art Methods

6 additional credits in ART or ARHS

One of the following:

ART 1700 Photo I

ART 2610 Printmaking I

One of the following:

ARHS 2210 Introduction to History of Western Art

ARHS 2320 Introduction to Asian Art

ART 3390 Art and Art Cultures

English 9-12

EDUC 3190: Young Adult Literature (3 cr)

EDUC 4110: Methods of Teaching Secondary English (3 cr)

EDUC 4130: Teaching Writing (3 cr)

ENGL 2020: Major British Writers I (3 cr)

ENGL 2030: Major British Writers II (3 cr)

ENGL 2030: Major U.S. Writers I or ENGL 2050: Major U.S. Writers II (3 cr)

ENGL 2086: Contemporary Multiethnic Literature of the U.S. or ENGL 3300:
20th Century American Poetry (3 cr)

ENGL 2150: Creative Writing: Fiction, ENGL 2160: Creative Writing: Poetry or

ENGL 2170: Creative Writing Playwriting (3 cr)

ENGL 4190: Historical Linguistics (3 cr)

ENGL 4200: Contemporary Linguistics (3 cr)

English Elective

Foreign Language: French, German, or Spanish K-12

ILC 4060: Methods in Teaching Languages

Thirty semester hours in French, German, or Spanish K-12

Journalism 9-12

EMPD 1000 Introduction to Media Production

JOUR 1030 Fundamentals of Reporting

JOUR 2170 Copyreading and Newsediting

JOUR 2300 Journalism: Layout and Design

JOUR 4200 Teaching Scholastic Publications

JOUR 4250 Methods of Teaching Secondary Publications/Journalism

MEDC Introduction to Mass Communications

MEDC 4100 The Law and the Media

PHOT 1000 Photo I
PHOT 2000 Photo II
PHOT 2500 Photojournalism

Three of the following:

JOUR 2140 Advanced Reporting, JOUR 3060 Community Reporting or JOUR
3130 Feature Writing
JOUR 2360 or MEDC 1630
JOUR 3300 Newspaper Production or MEDC 3350 Media Design
PHOT International Photojournalism

Mathematics 9-12

COSC 1550 Computer Programming I
EDUC 2110 Communication in Education
MATH 1610 Calculus I
MATH 1620 Calculus II
MATH 3000 Calculus III
MATH 2980 Introduction to Algebraic Structures
MTHT 4460 Methods of Teaching Secondary Mathematics

One of the following:

MATH 3510 Vector Geometry
MATH 3530 Modern Geometry

Two of the following:

COSC 1560 Computer Programming II
MATH 2600 Differential Equations
MATH 3050 History of Mathematics
MATH 3070 Calculus IV
MATH 3130 Real Number System
MATH 3160 Linear Algebra
MATH 3610 Probability
MTHT 4320 Mathematics Methods for the Disabled Learner

Music: Choral K-12

MUSC 1010 Music Theory I
MUSC 1020 Music Theory II
MUSC 1030 Music Theory III
MUSC 1040 Music Theory IV
MUSC 1810 Musicianship I

MUSC 1820 Musicianship II
MUSC 2001 Applied Piano
MUSC 2030 History of Music I
MUSC 2040 History of Music II
MUSC 2125 Folk Instruments
MUSC 3050 Music Software Applications
MUSC 3210 Elementary School Music Methods
MUSC 3230 Secondary Choral/General Music Methods
MUSC 3410 Beginning Conducting
MUSC 3420 Advanced Conducting
MUSC 4002 Applied Voice
MUSC 4070 Choral Arranging
MUSC 4080 Choral Literature/Techniques

One of the following:

MUSC 4900 Choral Ensemble
MUSC 4910
MUSC 4920

Music Instrumental K-12

MUSC 0790 Class Voice
MUSC 1010 Music Theory I
MUSC 1020 Music Theory II
MUSC 1030 Music Theory III
MUSC 1040 Music Theory IV
MUSC 1810 Musicianship I
MUSC 1820 Musicianship II
MUSC 2030 History of Music I
MUSC 2040 History of Music II
MUSC 2001 Applied Piano
MUSC 2121 String Methods
MUSC 2122 Brass Methods
MUSC 2123 Wind Methods
MUSC 2124 Percussion Methods
MUSC 2500 Applied Major Instrument
MUSC 3050 Music Software Applications
MUSC 3210 Elementary School Music Methods
MUSC 3220 Instrumental Music Methods
MUSC 3410 Beginning Conducting
MUSC 3420 Advanced Conducting
MUSC 4320 Jazz Education Methods
Instrumental Ensemble

Social Studies: 9-12

ANSO 1010: Introduction to Sociology or ANSO 1070: Introduction to Cultural Anthropology
ANSO 1090 Geography
HIST 1300 Revolutionary America
HIST 1310 19th Century American History
HIST 1320 20th Century American History
INTL 1500 World Systems since 1500
EDUC 4120 Methods of Teaching Secondary Social Studies
POLT 1060: Introduction to American Politics
American History Elective
Political Science Elective
Psychology or Anthropology Elective
Additional History or Political Science Elective

One of the following:

HIST 2220 Modern Europe
HIST 2250 History of Russia
HIST 2300 Modern Asia
HIST 2420 History of Africa
HIST 2440 History of Latin America
HIST 2450 Third World

One of the following:

EDUC 3300 Economics for Educators
ECON 2010 Principles of Macroeconomics
ECON 2020 Principles of Microeconomics

Unified Science: Biology 9-12

BIOL 1550/1551 Essentials of Biology w/ lab
BIOL 1560/61 Essentials of Biology II w/ lab
CHEM 1100/01 General Chemistry I w/ lab
CHEM 1110/01 General Chemistry II w/ lab
PHIL 2080 Philosophy and Technology
PHYS 1030/31 University Physics I w/ lab
PHYS 1040/41 University Physics II w/ lab
SCIN 1100/01 Earth Science and the Environment w/ lab
SCIN 1520/21 Environmental Science w/ lab
SCIN 1600/01 Physical Geology w/ lab
SCIN 3060 Methods of Teaching Science Teaching
20 additional credits in Biology

Additional Field Experience

EDUC 3000: Secondary Practicum (2 cr/90 contact hours)

EDUC 3000: Secondary Seminar (1 cr)

EDUC 4970: Apprentice Teaching: Secondary(13 cr hrs)

Apprentice Teaching Seminar (1 cr)

Additional elective coursework to total 128 credit hours

- **Note: EDUC 3101 is still in the approval process.**

**Required Courses For Certification in Special Education:
Mild/Moderate Cross Categorical K-12**

Transfer of 4 Core Courses

Webster University Course	ECC Course Equivalent
EDUC 3150: Education in a Diverse Society (3 cr) (B- or better required)	ED 2033: Foundations of Education (3 cr) (B- or better required)
EDUC 3155: Early Field Experience (1 cr) (B or better required)	ED 2123: Teaching Profession with Field Experience (3 cr) B or better required)
EDUC 3100: Teaching and Learning (2 cr)	ED 2413: Educational Psychology (3 cr)
EDUC 3125: Technology in the Classroom (not currently required for Early Childhood Certification candidates)	ED 2003: Technology for Teachers (3 cr)

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Any Biology Course with a lab	Any Biology Course with a lab
Any Physical or Earth Science Course with a lab	Any Earth Science Course with a lab
EDUC 2070: Child Development or PSYC 2200: Child Psychology	PY 2203
EDUC 2110: Communication in Education	CT 1103
EDUC 2900: The Exceptional Individual	ED 2443
HIST 1300 (Revolutionary America) or HIST 1310 (19 th Century America) or HIST 1320 (20 th Century America)	HI 1103 or HI 1203
MTHT 1300: Math for Elementary Teachers I (B- or better required in 1 of the 2 Math courses)	MT 1323 or MT 1403 (B- or better required in 1 of the 2 Math courses)
MTHT 1350: Math for Elementary	MT 1323 or MT 1403

Webster University Course	ECC Course Equivalent
Teachers II (B- or better required in 1 of the 2 Math courses) or MATH 1410: Intro to College Math or MATH 1420: Modular Algebra or MATH 1430: College Algebra	(B- or better required in 1 of the 2 Math courses)
PSYC 1100: Introduction to Psychology	PY 1103
POLT 1060: Introduction to American Politics	PS 1103 or PS 1203
WRIT 1010: College Composition I (B- or better required in 1 of the 2 Composition courses)	EN 1223 (B- or better required in 1 of the 2 Composition courses)
WRIT 2000: College Composition II or EDUC 3300: Writing for Teachers or WRIT 2072: Writing in the Workplace or ENGL 2150, ENGL 2160, or ENGL 2170: Creative Writing (B- or better required in 1 of the 2 Composition courses)	EN 1333 or EN 1403 (B- or better required in 1 of the 2 Composition courses)

Additional Professional Education Coursework to be taken in residency

EDUC 3101: Classroom Assessment (1 cr)
 EDUC 3520 Teaching Reading, Elementary (3 cr)
 EDUC 3700 Strategies in Reading and Writing Instruction (3 cr)
 EDUC 4330 Introduction to Mild/Moderate Disabilities (3 cr)
 EDUC 4440 Inclusion Strategies in the Regular Classroom (3 cr)
 EDUC 4450 Psychoeducational Assessment (3 cr)
 EDUC 4460 Methods of Teaching Students with MM/CC I (3 cr)
 EDUC 4470 Methods of Teaching Students with MM/CC II (3 cr)
 EDUC 4700 Analysis and Correction of Reading Disabilities (3 cr)
 EDUC 4730 Language Development of the Exceptional Child (3 cr)
 MTH 4310 Methods and Materials for Teaching Elementary Math (3 cr)
 MTH 4320 Methods of Teaching Mathematics for the Disabled Learner (3 cr)
 PSYC 3900 Introduction to Counseling (3 cr)

Additional Field Experiences

EDUC 3000: Intermediate Practicum: Special Education (3 c/135 Contact Hours)
 EDUC 4980: Apprentice Teaching: Special Education (13 cr)
 Apprentice Teaching (1 cr)

Additional elective coursework to total 128 credit hours

*** Note: EDUC 3101 is still in the approval process.**