

Education Majors

Degree Type

Major

MAJORS:

The department offers baccalaureate degrees in:

- Art Education K-12
- Early Childhood Education Birth-3
- Elementary Education 1-6
- Middle School Education 5-9
- Mild Moderate Cross Categorical Special Education K-12
- Physical Education K-12
- Social Studies Education 9-12
- Educational Studies (non-certified degree)
- Music - Instrumental K-12
- Music - Vocal K-12
- Speech / Theatre 9-12
- Unified Science 9-12

The department offers an Associate of Arts degree in:

Major assessment: All Education majors must pass the M.C.A. Content Knowledge exam specific to their area of certification.

- Early Childhood Studies

The department also offers add-on certifications in:

- Early Childhood Special Education PK-3
- English 9-12
- Health K-12 (see Physical Education note)
- Mathematics 9-12

Early Childhood Education Mission:

The particular mission of the Early Childhood Education major within the Missouri Valley College Division of Education is to provide educational and field experience opportunities designed to prepare students for successful careers in Early Childhood Education.

Learning Outcomes

- To prepare students to become members of a responsible citizenry through liberal learning, critical thinking, and academic excellence.
- To promote a holistic, liberal arts perspective toward education that develops students in relationship to other persons, to other disciplines, to other cultures, to their religious/ethical systems, and to self.
- To provide a baccalaureate education that prepares students for careers in education and teaching.

- To instill the values of education as a lifelong process of discovery, enlightenment, and reflection.
- To provide students with meaningful field experiences that will prepare them for careers in education and teaching.
- To offer appropriate advising, counseling, and strategies that will assist students in meeting prerequisites for entry-level employment in the education field and/or entry into graduate or professional programs.
- To prepare students to pass the Missouri Content Assessment (MCA) examination and obtain state credentials in the subject-specific areas offered by Missouri Valley College.
- To promote professionalism through student membership in Student-Missouri State Teachers Association (S-MSTA) and attendance at conferences and training provided by the college.

Elementary Education Mission:

The particular mission of the Elementary Education major within the Missouri Valley College Division of Education is to provide educational and field experience opportunities designed to prepare students for successful careers in Elementary Education instruction at the grade levels 1-6.

Learning Outcomes:

- To prepare students to become members of a responsible citizenry through liberal learning, critical thinking, and academic excellence.
- To promote a holistic, liberal arts perspective toward education that develops students in relationship to other persons, to other disciplines, to other cultures, to their religious/ethical systems, and to self.
- To provide a baccalaureate education that prepares students for careers in education and teaching.
- To instill the values of education as a lifelong process of discovery, enlightenment, and reflection.
- To provide students with meaningful field experiences that will prepare them for careers in education and teaching.
- To offer appropriate advising, counseling, and strategies that will assist students in meeting prerequisites for entry-level employment in the education field and/or entry into graduate or professional programs.
- To prepare students to pass the Missouri Content Assessment (MCA) examination and obtain state credentials in the subject-specific areas offered by Missouri Valley College.
- To promote professionalism through student membership in Student-Missouri State Teachers Association (S-MSTA) and attendance at conferences and trainings provided by the college.

Middle School Education Mission:

The particular mission of the Middle School Education major within the Missouri Valley College Division of Education is to provide educational and field experience opportunities designed to prepare students for successful careers in middle level teaching (grades 5-9) in the subject areas of agricultural education, mathematics, science, social studies, and language arts.

Learning Outcomes:

- Demonstrate proficient content knowledge in the area in which they are prepared to teach: mathematics, social studies, communication arts, or science.
- Utilize professional knowledge and skills (including technology) required to instruct, assess, and manage a middle grade level classroom (5-9), based upon current best practices of teaching and critique own professional practices based upon student engagement and achievement.

- Integrate the teaching of reading and writing across (or within) the middle school curriculum with appropriate strategies and best practices.
- Apply DESE Missouri Teacher Standards during coursework and field experiences.

Physical Education Mission:

The particular mission of the Physical Education major within the Missouri Valley College Division of Education is to provide educational and field experience opportunities designed to prepare students for successful careers in Physical Education instruction at the K-12 levels of teaching.

Learning Outcomes:

- Understand principles of motor development and efficient human movement.
- Understand movement concepts and fundamental movement skills.
- Understand principles, activities, and techniques for body management, rhythmic movement, and creative expression and dance skills.
- Understand principles, skills, and techniques for individual, dual, and team sports.
- Understand principles, skills, and techniques for outdoor pursuits, recreational activities, and cooperative group games and challenges.
- Understand basic concepts of anatomy and physiology, major components of personal wellness and fitness, and significant factors that influence wellness and fitness, including diverse cultural, economic, and geographic contexts.
- Understand principles and activities for promoting cardiorespiratory fitness.
- Understand principles and activities for promoting muscular strength and endurance and muscular and joint flexibility.
- Understand strategies and activities for promoting healthy levels of body composition and the skills needed to develop personal health and physical activity plans.

Social Studies Mission:

The particular mission of the Social Studies Education major within the Missouri Valley College Division of Education is to provide educational and field experience opportunities designed to prepare students for successful careers in Social Studies Education instruction at the 9-12 level.

Learning Outcomes:

- To provide a baccalaureate education that prepares students for careers in Social Studies Education instruction at the 9-12 level.
- To provide students with meaningful field experiences that will prepare them for careers in education and teaching, and to promote professionalism through membership and activities provided by the Missouri Valley College chapter of S-MSTA (Student-Missouri State Teachers Association).
- To offer appropriate advising, counseling, and strategies that will assist students in meeting prerequisites for entry-level employment in the education field and/or entry into graduate or professional programs.
- To prepare students to pass the Missouri Educator Gateway Assessments (Missouri Certification Fields and Content Assessments) examination and obtain state credentialing in the content area of Social Studies Education.

- To prepare students to become members of a responsible citizenry through liberal learning, critical thinking, and academic excellence.
- To promote a holistic, liberal arts perspective toward education that develops students in relationship to other persons, to other disciplines, to other cultures, to their religious/ethical systems and, therefore, to themselves.

Admission Requirements for Education majors:

Students become candidates for admission to the teacher education program by the Education Division faculty based upon satisfying the following minimum admissions requirements:

1. 30 hours of credit
2. Passing scores on all sections of MoGEA
3. M.V.C. cumulative grade point average of 3.00, content area GPA of 3.0, Education coursework GPA of 3.0 and a minimum ACT score of 20 M.V.C.
4. "C" or better in EN 160, SP 100, and ED 100
5. Completed application submitted to the Education office by March 15 for the fall semester and November 15 for the spring semester
6. Submission of a writing sample; and completion of remediation program if necessary
7. Proof of current CPR certification.

Students are admitted to the teacher education program upon meeting the prior requirements and meeting the standards for admission to the student teaching experience. See the teacher education handbook for specific information. Additionally, due to changes in state and federal regulations, students should consult with the administration of the Education Division for the most current information regarding training standards.

Accreditation and Certification

Missouri Valley College is accredited by the Higher Learning Commission, a regional accreditation agency recognized by the U.S. Department of Education. The teacher education programs are approved by the Missouri Department of Elementary and Secondary Education. The College degree or diploma does not serve as a license to teach. Each state issues its own teaching certificates, based on its own requirements. Upon successful completion of a teacher education program and passing the Missouri Content Assessment (M.C.A.) examination and a MO DESE required exit assessment, each student must submit a formal application for teacher certification in the State of Missouri. The student who wishes certification in another state should seek advice from that state's education agency concerning specific requirements.

ART EDUCATION

Major requirements for Art Education K-12

Item #	Title	Hours
AR 115	Design Fundamentals	3
AR 212	Drawing II	3
AR 224	Ceramics I	3
AR 232	Sculpture I	3
AR 242	Fibers	3
AR 316	Printmaking I: Relief and Intaglio	3
AR 318	Printmaking II: Silkscreen / Monoprint	3
AR 125	Digital Photography	3
AR 331	Painting I	3
ED 100	Introduction to Teaching	3
ED 190	Elementary Practicum I	1
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 335	Classroom Assessment	2
ED 337	Methods of Teaching elementary Art	3
ED 350	Elementary Clinical Experience	4
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 447	Techniques of Teaching Art	2
ED 490	Student Teaching in Elementary Schools	6-12
ED 491	Student Teaching in Secondary Schools	6-12
ED 492	Student Teaching in Middle Schools	6-12
PY 270	Child and Adolescent Psychology	3

2 courses from

Item #	Title	Hours
AR 301	Art History I	3
AR 310	Art History II	3
AR 405	Art History III	3

1 course from

Item #	Title	Hours
AR 325	Analog Photography	3
AR 332	Sculpture II	3
AR 334	Ceramics II	3
AR 345	Painting II	3
AR 355	Painting III	3

EARLY CHILDHOOD EDUCATION

Major requirements for Early Childhood Education (Birth - Grade 3) include

Note: ED 330, ED 331, ED 340, ED 307 and ED 350 must be taken at the same time.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 190	Elementary Practicum I	1
ED 245	Art, Music, and Movement for the Elementary Teacher	3
ED 260	Education of the Exceptional Child	3
ED 262	Family & Community Resources in Early Childhood Education	3
ED 270	Intro to Early Childhood and Early Childhood Special Education	3
ED 273	Language Acquisition and Development	2
ED 290	Reading Practicum	2
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 310	Integration of Technology in the Classroom	3
ED 311	Educational Psychology	3
ED 320	Integration of Children's Literature and Language Arts	3
ED 330	Methods of Teaching Elementary Mathematics	3
ED 331	Teaching Reading in the Elementary Schools	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 340	Methods of Teaching Elementary Social Studies and Science	3
ED 350	Elementary Clinical Experience	4
ED 369	Early Childhood Organization	1
ED 371	Curriculum Methods in Early Childhood	3
ED 392	Early Childhood Practicum	3
ED 415	Student Teaching Seminar	1
ED 490	Student Teaching in Elementary Schools	6-12
ED 366	Diagnosis and Remediation of Math Difficulties	3
PE 221	Lifetime Wellness	2
PY 270	Child and Adolescent Psychology	3

EARLY CHILDHOOD STUDIES (AA DEGREE)

Major requirements Associate of Arts Degree in Early Childhood Studies

Students must successfully complete the General Education Core requirements for the Bachelor of Arts degree

Plus the following 14 credit hours

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 270	Intro to Early Childhood and Early Childhood Special Education	3
ED 262	Family & Community Resources in Early Childhood Education	3
PE 240	Motor/Perceptual Motor Development	3
ED 273	Language Acquisition and Development	2

ELEMENTARY EDUCATION

Major requirements elementary education (Grades 1-6) major include

Note: ED 330, ED 331, ED 340, ED 307 and ED 350 must be taken at the same time.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 190	Elementary Practicum I	1
ED 245	Art, Music, and Movement for the Elementary Teacher	3
ED 260	Education of the Exceptional Child	3
ED 273	Language Acquisition and Development	2
ED 290	Reading Practicum	2
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 310	Integration of Technology in the Classroom	3
ED 311	Educational Psychology	3
ED 320	Integration of Children's Literature and Language Arts	3
ED 330	Methods of Teaching Elementary Mathematics	3
ED 331	Teaching Reading in the Elementary Schools	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 340	Methods of Teaching Elementary Social Studies and Science	3
ED 350	Elementary Clinical Experience	4
ED 415	Student Teaching Seminar	1
ED 490	Student Teaching in Elementary Schools	6-12
ED 366	Diagnosis and Remediation of Math Difficulties	3
PE 221	Lifetime Wellness	2
PY 270	Child and Adolescent Psychology	3

MIDDLE SCHOOL EDUCATION

Major requirements for all middle school certifications (grades 5-9) include

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 192	Middle School Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 380	Middle School Organization and Curriculum	3
ED 415	Student Teaching Seminar	1
ED 492	Student Teaching in Middle Schools	6-12
PY 270	Child and Adolescent Psychology	3

Plus area of certification

Agricultural Education

Item #	Title	Hours
AG 100	Introduction to Agribusiness	3
AG 353	Agronomy	3
AG 363	Agricultural Pricing	3
AG 363	Agricultural Pricing	3
AG 373	Agricultural Marketing	3
AG 375	Animal Nutrition	3
AG 383	Agricultural Management	3
AG 393	Agricultural Policy	3
AG 410	Animal Science	3
ED 439	Techniques of Teaching Agriculture	2

Mathematics:

Item #	Title	Hours
MA 150	Topics in Modern Mathematics	3
MA 165	College Algebra	3
MA 170	Pre-calculus	3
MA 190	Analytic Geometry and Calculus I	5
MA 200	Introduction to Statistics	3
MA 250	Introduction to Mathematical Reasoning	3
MA 380	Foundations of Geometry	3
ED 451	Techniques of Teaching Mathematics in Middle School	2

Science:

Item #	Title	Hours
CH 111	General Chemistry I	5
BI 104	Principles of Biology	4
PH 109	Introduction to Physical Science	4
BI 210	General Botany	4
BI 215	General Zoology	4
PH 122	Introduction to Astronomy	3
PH 305	Earth Science: Geology	4
PH 105	Environmental Science	3
BI 332	Ecology	4
ED 454	Techniques of Teaching Science in Middle School	2

Language Arts

Item #	Title	Hours
ED 320	Integration of Children's Literature and Language Arts	3
EN 315	Young Adult Literature	3
EN 326	Advanced Argument	3
EN 380	Multi-Ethnic American Literature	3
EN 400	Advanced Creative Writing	3
EN 200	World Literature I	3
EN 201	World Literature II	3
EN 220	American Literature I	3
EN 225	American Literature II	3
EN 230	British Literature I	3
EN 235	British Literature II	3
ED 381	Teaching Writing/Reading in the Middle School	3
ED 453	Techniques of Teaching Language Arts in Middle School	2

Social Science

- plus additional upper division course from the list above.

Item #	Title	Hours
PS 100	Foundations of Federal Government	3
PS 230	State and Local Government	3
EC 206	Principles of Macroeconomics	3
ED 452	Techniques of Teaching Social Studies in Middle School	2
HS 104	Foundations of American History I	3
HS 105	Foundations of American History II	3
HS 327	U.S. History, 1929-1945	3
HS 328	U.S. History, 1945 to Present	3
HS 355	African-American History	3
HS 412	American Constitutional History	3
HS 115	History of World Civilizations I	3
HS 116	History of World Civilizations II	3
HS 303	Renaissance and Reformation Europe	3
HS 304	Europe Since 1789	3
HS 315	History of East Asia	3
HS 410	Europe, 1914 to 1945	3
PY 100	Principles of Psychology	3
PY 322	Physiological Psychology	4
PY 341	Human Sexuality	3
SC 100	Introduction to Sociology	3
SC 320	Urban Sociology	3
SC 375	Social Deviance	3

MILD/MODERATE CROSS-CATEGORICAL SPECIAL EDUCATION

Major requirements for Mild/Moderate Cross-Categorical Special Education (K-12)

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 260	Education of the Exceptional Child	3
ED 265	Introduction to Cross Categorical Special Education	3
ED 268	Career Development	3
ED 290	Reading Practicum	2
ED 292	Cross Categorical Special Education Practicum	1
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 310	Integration of Technology in the Classroom	3
ED 311	Educational Psychology	3
ED 320	Integration of Children's Literature and Language Arts	3
ED 330	Methods of Teaching Elementary Mathematics	3
ED 331	Teaching Reading in the Elementary Schools	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 340	Methods of Teaching Elementary Social Studies and Science	3
ED 353	Special Education Clinical Experience	4
ED 360	Language Development for the Exceptional Child	2
ED 362	Counseling Parents of Children with Disabilities	2
ED 365	Assessment and Diagnosis of Exceptional Students	3
ED 366	Diagnosis and Remediation of Math Difficulties	3
ED 367	Methods of Teaching Cross Categorical Special Education	2
ED 415	Student Teaching Seminar	1
ED 495	Student Teaching in Cross Categorical Special Education	6-12
PY 270	Child and Adolescent Psychology	3

MUSIC EDUCATION - INSTRUMENTAL

Major requirements for Instrumental Music Education K-12:

MU 14X, 24X, 34X, 44X (applied instrument),

3 hours from MU 170/470 or MU 174/474.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 190	Elementary Practicum I	1
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 335	Classroom Assessment	2
ED 350	Elementary Clinical Experience	4
ED 415	Student Teaching Seminar	1
ED 440	Techniques of Teaching Music/Instrumental	2
ED 490	Student Teaching in Elementary Schools	6-12
ED 491	Student Teaching in Secondary Schools	6-12
ED 492	Student Teaching in Middle Schools	6-12
MU 110	Class Piano I	1
MU 111	Class Piano II	1
MU 147	Applied piano - 1 hour.	1
MU 201	Woodwind Techniques	1
MU 202	Brass Techniques	1
MU 210	String Techniques	1
MU 215	Percussion Techniques	1
MU 230	Music Theory & Musicianship I	4
MU 240	Applied Voice	1
MU 330	Music Theory and Musicianship II	4
MU 335	Music Theory and Musicianship III	4
MU 340	Applied Voice	1
MU 350	Conducting I	2
MU 352	Conducting II	2
MU 360	Choral Techniques	2
MU 362	Choral Literature	2
MU 370	Music History I	3
MU 371	Music History II	3
MU 385	Choral Arranging	2
MU 440	Applied Voice	1
MU 460	Methods for Teaching Elementary School Music	2
MU 461	Methods for Teaching Mid/Secondary School Vocal/Choral Music	2
PY 270	Child and Adolescent Psychology	3

PHYSICAL EDUCATION

Major requirements for Physical Education K-12

4 courses from: PE 101 - PE 145.

Note: Health certification can be added by taking PE 340.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 190	Elementary Practicum I	1
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 335	Classroom Assessment	2
ED 350	Elementary Clinical Experience	4
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 490	Student Teaching in Elementary Schools	6-12
ED 491	Student Teaching in Secondary Schools	6-12
ED 492	Student Teaching in Middle Schools	6-12
BI 275	Human Anatomy and Physiology I	4
EX 230	Prevention and Treatment of Athletic Injuries.	3
PE 322	Safety and Health Education for the Elementary Child	3
EX 334	Kinesiology	3
EX 335	Exercise Physiology	3
EX 385	Human Nutrition	3
PE 100	Foundation of Health and Physical Education	3
PE 221	Lifetime Wellness	2
PE 233	First Aid/C.P.R.	2
PE 235	Physical Education Skills and Activities for Primary Grades	2
PE 236	Physical Education Skills and Activities for Intermediate Grades	2
PE 238	Tumbling and Rhythmic Movement-Elementary	3
PE 239	Physical Education for Exceptional Children	3
PE 240	Motor/Perceptual Motor Development	3
PE 309	Theory & Techniques of Coaching Fall & Winter Sports	2
PE 310	Theory and Techniques of Coaching Winter & Spring Sports	2
PE 311	Theory and Methods of Sports	3
PE 332	Measurement and Evaluation in Health and Physical Education	3
PE 333	Psychology and Sociology of Sports	3
PY 270	Child and Adolescent Psychology	3

SOCIAL STUDIES EDUCATION

Major requirements for Social Studies Education 9-12:

Item #	Title	Hours
EC 206	Principles of Macroeconomics	3
ED 100	Introduction to Teaching	3
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 444	Techniques of Teaching Social Studies	2
ED 491	Student Teaching in Secondary Schools	6-12
HS 104	Foundations of American History I	3
HS 105	Foundations of American History II	3
HS 115	History of World Civilizations I	3
HS 116	History of World Civilizations II	3
PS 100	Foundations of Federal Government	3
PS 230	State and Local Government	3
PY 100	Principles of Psychology	3
PY 270	Child and Adolescent Psychology	3
SC 100	Introduction to Sociology	3
HS 327	U.S. History, 1929-1945	3
HS 328	U.S. History, 1945 to Present	3
HS 355	African-American History	3
HS 412	American Constitutional History	3
HS 302	Medieval History	3
HS 303	Renaissance and Reformation Europe	3
HS 304	Europe Since 1789	3
HS 315	History of East Asia	3
HS 321	History of England	3
HS 410	Europe, 1914 to 1945	3

SPEECH/THEATRE EDUCATION

Major requirements for Speech Theatre Education 9-12:

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 445	Techniques of Teaching Speech and Theatre	2
ED 491	Student Teaching in Secondary Schools	6-12
PY 270	Child and Adolescent Psychology	3
CM 100	Public Speaking & Introduction to Communication	3
CM 104	The Speaking Voice	3
CM 405	Persuasion	3
CM 415	Political Communication and Speech Writing	3
TH 115	Acting I	3
TH 125	Stagecraft	3
TH 211	Script Analysis	3
TH 212	Theatre Design	3
TH 300	Directing I	3
TH 320	Stage and Theatre Management	3
TH 350	History of Theatre I	3

UNIFIED SCIENCE EDUCATION

Major requirements for Unified Science Education 9-12:

BI210, BI250, BI316, BI320, BI323, BI425, CH111, ED100, ED191, ED260, ED300, ED307, ED311, ED322, ED334, ED335, ED352, ED415, ED441, ED491, PH105, PH305, PH309, PH315, PY270, & BI212 OR BI215

Item #	Title	Hours
BI 210	General Botany	4
BI 250	Introduction to Cell Biology	3
BI 316	History of Science	3
BI 320	Principles of Microbiology	4
BI 323	Genetics	4
BI 425	Evolution Seminar	2
CH 111	General Chemistry I	5
ED 260	Education of the Exceptional Child	3
ED 100	Introduction to Teaching	3
ED 191	Secondary Practicum I	1
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 441	Techniques of Teaching Unified Science	2
ED 491	Student Teaching in Secondary Schools	6-12
PH 105	Environmental Science	3
PH 305	Earth Science: Geology	4
PH 309	Earth Science: Meteorology	2
PH 315	General Physics I	5
PY 270	Child and Adolescent Psychology	3

1 COURSE FROM:

Item #	Title	Hours
BI 212	Vertebrate Zoology	4
BI 215	General Zoology	4

EDUCATIONAL STUDIES (Non-Certified degree)

Major requirements for Educational Studies (non-certificated education major):

and completion of an approved series of courses within a designated content area to total a minimum of 33 hours. The Education Division will approve the series of courses within the designated content area.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 260	Education of the Exceptional Child	3
PY 270	Child and Adolescent Psychology	3
ED 307	Classroom Environment	2
ED 310	Integration of Technology in the Classroom	3
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 335	Classroom Assessment	2
ED 401	Internship	8-12

PHYSICAL EDUCATION (Non-Certified degree)

Major requirements for Physical Education (non-certificated education major):

4 courses from: PE 101 - PE 145.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
EX 230	Prevention and Treatment of Athletic Injuries.	3
PE 322	Safety and Health Education for the Elementary Child	3
EX 334	Kinesiology	3
EX 335	Exercise Physiology	3
EX 385	Human Nutrition	3
PE 100	Foundation of Health and Physical Education	3
PE 221	Lifetime Wellness	2
PE 233	First Aid/C.P.R.	2
PE 235	Physical Education Skills and Activities for Primary Grades	2
PE 236	Physical Education Skills and Activities for Intermediate Grades	2
PE 238	Tumbling and Rhythmic Movement-Elementary	3
PE 239	Physical Education for Exceptional Children	3
PE 240	Motor/Perceptual Motor Development	3
PE 309	Theory & Techniques of Coaching Fall & Winter Sports	2
PE 310	Theory and Techniques of Coaching Winter & Spring Sports	2
PE 311	Theory and Methods of Sports	3
PE 332	Measurement and Evaluation in Health and Physical Education	3
PE 333	Psychology and Sociology of Sports	3
PY 270	Child and Adolescent Psychology	3

SECONDARY ENGLISH EDUCATION

Certification requirements for English certification 9-12

Completion of MVC English major. Note: most of the EN courses required for certification are also required for English major.

Item #	Title	Hours
ED 100	Introduction to Teaching	3
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 335	Classroom Assessment	2
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 443	Techniques of Teaching English	2
ED 491	Student Teaching in Secondary Schools	6-12
EN 130	Rhetoric and Composition	3
EN 160	Literature and Composition	3
EN 200	World Literature I	3
EN 201	World Literature II	3
EN 230	British Literature I	3
EN 235	British Literature II	3
EN 220	American Literature I	3
EN 225	American Literature II	3
EN 315	Young Adult Literature	3
EN 326	Advanced Argument	3
EN 345	Critical Theory.	3
EN 360	History of the English Language	3
EN 485	Senior Thesis	3
PY 270	Child and Adolescent Psychology	3

MATHEMATICS SECONDARY EDUCATION CERTIFICATION

Certification requirements for Mathematics certification 9-12:

and completion of MVC Mathematics major. Note: most of the MA courses required for certification are also required for mathematics majors.

Item #	Title	Hours
CS 110	Introduction to Computer Information Systems	3
CS 120	Introduction to Programming	3
ED 100	Introduction to Teaching	3
ED 191	Secondary Practicum I	1
ED 260	Education of the Exceptional Child	3
ED 300	Instructional Methodology	3
ED 307	Classroom Environment	2
ED 311	Educational Psychology	3
ED 322	Teaching Reading in the Content Areas Gr. 4-12	3
ED 334	Diagnosis and Remediation of Reading Difficulties	3
ED 335	Classroom Assessment	2
ED 352	Secondary Clinical Experience	2
ED 415	Student Teaching Seminar	1
ED 442	Techniques of Teaching Mathematics	2
ED 491	Student Teaching in Secondary Schools	6-12
MA 190	Analytic Geometry and Calculus I	5
MA 240	Analytic Geometry and Calculus II	5
MA 315	Analytic Geometry and Calculus III	5
MA 380	Foundations of Geometry	3
MA 420	Modern Abstract Algebra	3
MA 485	Senior Seminar	3
PY 270	Child and Adolescent Psychology	3
MA 430	Real Variables	3
MA 250	Introduction to Mathematical Reasoning	3
MA 340	Ordinary Differential Equations	3
MA 330	Probability and Statistics	3
MA 350	Numerical Analysis	3
MA 360	Linear Algebra	3
Total Credits		38-111