

# THE SCHOOL OF EDUCATION AND HUMAN STUDIES

## Master of Arts in Education Master of Education Education Specialist

### Mission Statement

The graduate programs in education are designed to provide, within a service oriented Christian environment, quality graduate study opportunities to meet the educational needs of four distinct groups.

1. Persons who are licensed teachers and wish to complete graduate degrees in their professional teaching fields by completing either the M.A.Ed. or M.Ed., or Ed.S.;
2. Persons with baccalaureate degrees who are not licensed to teach and who do not desire to qualify for a license, but who wish to increase their knowledge of children, young people, and education by completing the M.A.Ed. degree;
3. Persons with baccalaureate degrees who are not licensed to teach but who wish to be. (These persons may choose to apply graduate courses taken to meet licensure requirements toward the M.A.Ed. degree.);
4. Persons with baccalaureate degrees who do not wish to pursue a graduate degree at this time, but who want to take graduate courses for personal or professional growth through M.A.Ed. course offering. These persons may or may not hold a teaching license.

### Calendar for M.A.Ed. 2001—2002

Dates may vary slightly. Separate course schedules for each program are available.

#### Fall Semester 2001

##### Session I

|              |   |
|--------------|---|
| August 15    | M.A.Ed. Registration Deadline for Fall 2001                               |
| August 27    | M.A.Ed. Classes Begin   |
| September 28 | Deadline for Returning Applications for Graduation (December and January) |

##### Session II

|             |   |
|-------------|---|
| October 25  | M.A.Ed. Classes Begin                         |
| December 7  | M.A.Ed. Registration Deadline for Winter 2002 |
| December 15 | Fall Commencement                             |

#### Winter Semester 2002\*

|            |   |
|------------|---|
| January 2  | M.A.Ed. Classes Begin                         |
| January 18 | M.A.Ed. Registration Deadline for Spring 2002 |

#### Spring Semester 2002

##### Session I

|             |  |
|-------------|--|
| January 28  | M.A.Ed. Classes Begin  |
| February 26 | Deadline for Returning Application for Graduation (May and August) |

##### Session II\*

|         |   |
|---------|---|
| April 1 | M.A.Ed. Classes Begin                         |
| May 15  | M.A.Ed. Registration Deadline for Summer 2002 |
| May 18  | Spring Commencement                           |

#### Summer Semester 2002

|          |  |
|----------|--|
| June 1   | Deadline for Returning Application for Graduation (August) |
| August 3 | August Commencement  |

\*An additional class meeting will be scheduled within the session to meet required minimum classes.

# MASTER OF ARTS IN EDUCATION PROGRAM

## Admission to Graduate Coursework

All students, whether degree-seeking or non-degree-seeking in the M.A.Ed. program, who desire to take graduate courses in education at Union University must meet prescribed admission criteria. After admission, the student may take courses for personal or professional growth, seek teacher licensure, or pursue the Master of Arts in Education Degree. Some students may choose to seek the M.A.Ed. as they complete their teacher licensure.

Applicants desiring to take graduate courses in education should submit the following to the Office of Graduate Studies in Education:

1. A completed *Application to Graduate Studies in Education*.
2. A \$25 application processing fee.
3. Official transcript(s) showing all coursework, completion of baccalaureate degree(s), and all graduate credit previously attempted from regionally accredited institutions.
4. Official transcript(s) indicating a minimum grade point average (GPA) of 3.0 on a 4.0 scale of all undergraduate and post-baccalaureate coursework combined.
5. A brief writing sample scheduled by the Office of Graduate Studies in Education.
6. Completed "Certificate of Immunization."

For short courses designed primarily for license renewal, only the following admission criteria will be required. Students should submit an *Application for Admission to Graduate Studies in Education*, a \$25 application fee, a copy of their teaching license or an official transcript showing completion of a baccalaureate degree. If the student decides to seek the M.A.Ed. or take coursework other than the short courses, all requirements for full admission to graduate studies must be submitted. Note: A maximum of six semester hours taken in this short-course format may be used to satisfy M.A.Ed. requirements.

## Conditional Admission to Graduate Coursework

Applicants who do not meet the minimum GPA requirement of 3.0 will be required to successfully complete a full 500-600 word writing sample, which will be evaluated by faculty in the Department of English. Subsequently, if the writing sample is adequate, the student will be placed on a conditional

admission status for the first nine hours of graduate work at Union University. After successfully completing nine graduate hours of at least 3.0 grade average work, the student may appeal to the Dean of the School of Education and Human Studies for full admission to pursue graduate studies in education.

Undergraduate students in their last term of course work who, after registering for all courses required for graduation, need additional hours to be classed as full-time students, may be allowed to register for one graduate course for graduate credit.

## Admission to the Master of Arts in Education Degree Program

In addition to the above admission criteria for applicants desiring to take graduate courses, those seeking admission to the M.A.Ed. Degree Program should submit the following to the Office of Graduate Studies in Education:

1. An official report showing an acceptable score on the Miller Analogies Test, the National Teacher Exam Specialty Area Test, or the Graduate Record Exam (GRE).
2. Two completed *Reference Evaluation* forms. These references must be from persons who are familiar with the applicant's professional or academic abilities. If the applicant is currently teaching, at least one recommendation should be from an administrator or supervisor who is familiar with the applicant's work as a teacher. Forms are available in the Office of Graduate Studies in Education. If the student is seeking teacher licensure, forms are available in the office of the Director of Teacher Education.

## Conditional Admission to the Master of Arts in Education Degree Program

Students who do not meet the minimum GPA requirement or the minimum test score requirement for admission to the Master of Arts in Education Degree program will be required to successfully complete a full 500-600 word writing sample, which will be evaluated by faculty in the Department of English. Subsequently, if the writing sample is adequate, the student will be placed on conditional admission status for the first nine hours of graduate work at Union University. After successfully completing nine graduate hours of at least 3.0 grade average work, the student may appeal to the Dean of

the School of Education and Human Studies for full admission to the Master of Arts in Education Degree Program.

## Advisement

The Dean of the School of Education and Human Studies will assign the student to an advisor who will, with the student, develop a degree plan which will be placed in the student's file in the Office of Graduate Studies in Education in the School of Education and Human Studies. The student will consult with the advisor prior to each registration to plan courses.

## Requirements for the Master of Arts in Education Degree

Two options are available for completion of the M.A.Ed. Degree, a thesis option requiring a minimum of 33 semester hours of graduate credit and a non-thesis option requiring a minimum of 39 semester hours of graduate credit. Students choosing the thesis option of the program are required to write a thesis or research report while students choosing the non-thesis option of the program are required to successfully complete the Capstone Research Seminar. *All degree requirements must be completed within five years of the date of admission to the degree program.*

## Requirements for the Thesis Option of the M.A.Ed.

A minimum of 33 semester hours of approved graduate work is required for completion of the thesis option of the M.A.Ed. degree. This option consists of four components: a required core, a concentration area, education electives and the thesis.

- I. **Required Core: 15 hours**
  - A. EDU 610
  - B. EDU 620
  - C. EDU 650
  - D. EDU 660
  - E. EDU 670
- II. **Select one Concentration**
  - A. **Concentration: Designed Studies (15 core + 18 concentration hours)**
    1. Education Electives, advisor-approved, 6-9 hours)
    2. Education Electives or other Electives, advisor-approved, 6-9 hours
  - B. **Concentration: Curriculum and Instruction, Non-Licensure (15 core + 18 concentration hours)**
    1. EDU 604, EDU 625, EDU 626

2. PSY 610 or PSY 614
3. Education Electives, advisor-approved, 3 hours

- C. **Concentration: Human Growth and Development, Non-Licensure (15 core + 18 concentration hours)**

1. SE 625, PSY 610, and PSY 614
2. EDU 651 or EDU 657
3. Education Electives, advisor-approved, 2 hours

- III. **Thesis, EDU 690**

## Requirements for the Non-Thesis Option of the M.A.Ed.

A minimum of 39 semester hours of approved graduate work is required for completion of the non-thesis option of the M.A.Ed. degree. This option consists of three components: a required core, education electives and concentration area.

- I. **Required Core (15 hours)**
  - A. EDU 610
  - B. EDU 620
  - C. EDU 650
  - D. EDU 670
  - E. EDU 675
- II. **Select one concentration**
  - A. **Concentration: Early Childhood Education, Licensure (15 core + 29 concentration hours)**  
With appropriate prerequisites, initial licensure and Praxis II Specialty Tests\*, this program leads to an additional endorsement in Early Childhood PreK-4.
    1. Courses with Field Experience component: EDU 552, 553, 554, 555
    2. EDU 504, (prior technology experience needed)
    3. EDU 629, EDU 651, EDU 657
  - B. **Concentration: Elementary Education, Licensure (15 core + 24 concentration hours)**  
With appropriate prerequisites, initial licensure and Praxis II Specialty Tests\*, this program leads to an endorsement in Elementary K-8.
    1. Courses with Field Experience component: EDU 552, 553, 554, 555
    2. EDU 504 (prior technology experience needed)
    3. EDU 629 and 658
  - C. **Concentration: Library Information Specialist, Licensure (15 core + 41 concentration hours)**  
With appropriate prerequisites, this program leads to an initial license in Library Information Specialist PreK-12. Praxis II Tests

**and student teaching semester are required for licensure but not for the degree.**

1. SE 625 and PSY 610
2. LSC 610, 620, 630, 640, 650
3. EDU 510 and EDU 616
4. EDU 437, Enhanced Student Teaching PreK-12, 14 hours

**D. Concentration: Secondary Education, Licensure (15 core + 24 concentration hours)**

**With appropriate prerequisites, including those in the teaching content field, this program leads to an initial licensure in a secondary (Grades 7-12) field. Praxis II Tests and student teaching semester, or 2 years of successful teaching experience on an Interim A license appropriate to the endorsement area, are required for licensure but not for the degree.**

1. EDU 504 (prior technology experience needed)
2. EDU 530, 604, 625, 626
3. PSY 610 and SE 625
4. Education Electives, advisor-approved, 4 hours

**E. Concentration: Special Education, Licensure (15 core + 24 concentration hours)**

**With appropriate prerequisites, initial licensure and Praxis II Specialty Tests\*, this program leads to an additional endorsement in SE-Modified K-12.**

1. SE 605, 610, 631, 632, 641, 645
2. Education Electives, advisor-approved, 6 hours

An endorsement in SE-Comprehensive may be added by taking 6 hours of designated coursework. An endorsement in SE-Early Childhood is available by taking 8 hours of designated coursework.

**F. Concentration: Curriculum and Instruction, Non-Licensure (15 core + 24 concentration hours)**

1. EDU 604, 616, 625, 626
2. PSY 610 or EDU/PSY 614
3. Education Electives, advisor-approved, 9 hours

**G. Concentration: Human Growth and Development, Non-Licensure (15 core + 24 concentration hours)**

1. SE 625, PSY 610, EDU/PSY 614
2. EDU 651, EDU 657
3. Education Electives, advisor-approved, 7 hours

\* Praxis II Specialty Area Tests appropriate to the endorsement are required for licensure but not for the degree.

## **Admission to Candidacy for the Master of Arts in Education Degree**

An important step in the student's progress toward the Master of Arts in Education Degree is admission to Candidacy. Students will be admitted to degree candidacy status only when the following conditions have been met.

1. Interview with the Director of Graduate Studies, Jackson.
2. Development of a program of study.
3. Completion of at least 18 semester hours in the program, including EDU 650, Educational Measurement and Evaluation. Additionally, if the student is pursuing the thesis option, EDU 660, Issues and Trends in Education, is required.
4. Completion of EDU 670, Research Design.
5. A minimum grade point average of 3.0.

**Additional Candidacy Requirement for Thesis-Option Students:** Students completing the thesis option of the program must have degree candidacy before beginning the master's research. In addition to the candidacy requirements above, thesis option students will be required to submit a research proposal which has been approved by the student's research committee. It is the responsibility of the student to consult with the Dean of the School of Education and Human Studies regarding the formation of the research committee. The approved research proposal must be filed in the Office of the School of Education and Human Studies before candidacy is granted.

The student will receive written notification when degree candidacy status has been achieved.

## **Full-Time Students**

A graduate student enrolled for 9 or more hours during an academic semester will be considered a full-time student. A graduate student enrolled for 6 or more hours during the Summer or 3 or more graduate hours in Winter or any less-than-14-week semester shall be considered full time.

## **Maximum Load**

The maximum load for a graduate student is 15 hours during the Fall or Spring semesters and 6

hours during the Winter term. The maximum load for the 8-week Summer session is 12 hours. No more than 6 hours may be taken during any Summer term. Fall and Spring Semester schedules are designed for teachers. An optimum load for teachers is six hours, one course per term.

## Transfer of Credit into the M.A.Ed. Degree Program

Up to nine semester hours of graduate credit from a regionally accredited college or university may be transferred into the degree program at the time the student is admitted to the program, provided the grades received in those courses were B or higher. Work being transferred into the program must have been completed within five years prior to admission to the program.

Transfer of credit after the student has been admitted to the degree program (transient credit) will be acceptable provided (1) the total semester hours of transfer credit does not exceed nine hours, (2) the grade received in the course is B or higher, and (3) written approval of the course being taken has been obtained from the Dean of the School of Education and Human Studies prior to taking the course. A maximum of six hours of workshop/short course/video course credit may be transferred.

## Residency Requirements

All students pursuing the Master of Arts in Education Degree are required to meet residency requirements for the degree. Students electing the thesis option of the program must complete at least 21 semester hours of work on the Jackson campus. Students electing the non-thesis option of the program must complete at least 27 semester hours of work on the Jackson campus.

## Courses Taken by Non-Degree Students

A maximum of twelve hours of graduate work taken at Union before a student is admitted to the degree program may be used to satisfy the M.A.Ed. requirements.

## Financial Information

The registration of a graduate student signifies an agreement by the student to fulfill the related financial obligations to the end of the term for which the student has registered.

There are two methods for the payment of expenses.

1. All expenses may be paid in full prior to or on the day of registration.
2. Payment may be made in two equal payments, with one-half due at the time of registration and the balance due halfway through the term. A 1.5% service charge will be added to the unpaid balance following the initial payment.

For students who have a definite commitment of financial aid from the Financial Aid Office of the University, the difference between the total cost for the term and the financial aid allocation is the amount payable by the student to the University.

## Tuition and Fees

|  |                                 |
|--|---------------------------------|
| M.A.Ed   | \$205/semester hour (2001-2002) |
| Non-degree-seeking post-baccalaureate students | \$205/semester hour (2001-2002) |

Tuition for Student Teaching will be charged at the undergraduate rate.

Other fees when applicable:

|  |                     |
|--|---------------------|
| Application Fee (non-refundable, one-time only)                                  | \$25                |
| Late Registration Fee  | \$25                |
| Audit Fee  | \$110 semester hour |
| Course Change Fee  | \$10                |
| Lab/Materials Fee per Course: EDU 552, 553, 554, 555, 651, 657, 658; SE 651, 657 | \$15                |
| Thesis Binding Fee   | \$50                |
| Graduation Fee: Student keeps masters hood                                       | \$100               |

## Financial Assistance

Students enrolled in Graduate Studies in Education for a minimum of six hours per semester, Fall or Spring, may apply for the Federal Stafford Loan. All students applying for this loan must complete an institutional Application for Financial Assistance and file the Free Application for Federal Student Aid (FAFSA). Forms are available in the Financial Aid Office. A Master Promissory Note must also be filed in the Financial Aid office.

Some students may qualify for a Tennessee Student Assistance Corporation (TSAC) loan. The Tennessee Teaching Scholars Program provides a forgivable loan of \$3,000 for post-baccalaureate students admitted to state-approved teacher education programs at a Tennessee institution of higher education who pledge to teach at the public preschool, elementary, or secondary level in Tennessee one year

for each year the award is received. Contact the Financial Aid Office for information on requirements for qualifying, how to apply, and the application deadline.

Veterans: Union University is approved to offer educational benefits to veterans, reservists, and dependents of veterans who qualify for Veterans Benefits. Any person who qualifies for the above should check with the Academic Center as soon as possible upon registration.

## MASTER OF ARTS IN EDUCATION REQUIREMENTS FOR THE MA.Ed. DEGREE OPTIONS

|  | THESIS OPTION  | NON-THESIS OPTION   |
|--|--|---|
| <b>REQUIRED CORE</b>   | <b>15 HOURS:</b><br>EDU 610 His & Phil Educ<br>EDU 620 Curr Dev & Implem<br>EDU 650 Educ Meas & Eval<br>EDU 660 Issues & Trends in Educ<br>EDU 670 Research Design | <b>15 HOURS:</b><br>EDU 610 Hist & Phil Educ<br>EDU 620 Curr Dev & Implem<br>EDU 650 Educ Meas & Eval<br>EDU 670 Research Design<br>EDU 675 Capstone Research Seminar |
| <b>CONCENTRATION AREA</b><br>With the assistance of a faculty advisor, the student will select an area that will provide growth in the knowledge and methodology of that area        | <b>6 HOURS</b>   | <b>12–20 HOURS</b>  |
| <b>EDUCATION ELECTIVES</b><br>With the assistance of a faculty advisor, the student will select education courses that will increase the student's professional knowledge and skills | <b>6 HOURS</b>   | <b>2–11 HOURS</b>   |
| <b>ADDITIONAL ELECTIVES</b><br>With the assistance of a faculty advisor, the student will select additional courses in either education or the specialty area.                       | <b>3 HOURS</b>   | <b>NOT REQUIRED</b>   |
| <b>THESIS</b>  | <b>MINIMUM OF 3 HOURS</b>  | <b>NOT REQUIRED IN THE NON-THESIS OPTION</b>  |
| <b>MINIMUM HOURS REQUIRED</b>  | <b>33 HOURS</b>  | <b>39 HOURS, VARIES WITH STATE LICENSURE REQUIREMENTS</b>   |

## Course Descriptions

### Art (ART)

#### 533 Internship (1-4)

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

#### 585 Special Studies in Art (1-4)

Group studies which do not appear in the department course offerings. Course content will be determined by need.

#### 598 Seminar (1-3)

A non-lecture research and discussion course. Course content will be determined by need.

#### 610 Theories and Processes in Drawing and Painting (3)

Exploration of concepts in drawing and painting with consideration of subject matter, media processes and developmental learning activities for art programs.

#### 620 Theories and Processes in Sculpture (3)

Exploration of concepts and techniques in sculpture with consideration to developmental learning activities for art programs.

#### 640 Special Studies in Art (3)

Group studies which do not appear in the department course offerings. Course content will be determined by need.

#### 655 Independent Study (1-4)

Individual research and study under the guidance of a graduate faculty member.

#### 680 Research in Art Education A (3)

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

#### 685 Research in Art Education B (3)

A continuation of Research in Art Education A.

### Biology (BIO)

#### 533 Internship (1-4)

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

#### 585 Special Studies in Biology (1-4)

Group studies which do not appear in the department course offerings. Course content will be determined by need.

#### 598 Seminar (1-3)

A non-lecture research and discussion course. Course content will be determined by need.

#### 640 Special Studies in Biology (3)

Group studies which do not appear in the department course offerings. Course content will be determined by need.

#### 655 Independent Study (1-4)

Individual research and study under the guidance of a graduate faculty member.

#### 680 Research in Biology Education A (3)

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

#### 685 Research in Biology Education B (3)

A continuation of Research in Biology Education A.

### Business Administration (BAD)

#### 533 Internship (1-4)

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

#### 585 Special Studies in Business (1-4)

Group studies which do not appear in the department course offerings. Course content will be determined by need.

#### 598 Seminar (1-3)

A non-lecture research and discussion course. Course content will be determined by need.

**615 Seminar and Workshop in Economic Education (3)**

The seminars will focus on basic theories of economics at both the macroeconomic and microeconomic level. The workshops will stress practical applications of economic principles and basic classroom methods for teaching economics.

**640 Special Studies in Business Administration (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Business Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Business Education B (3)**

A continuation of Research in Business Education A.

**Chemistry (CHE) and Physics (PHY)**

**533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Science (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Chemistry and Physics (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Science Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Science Education B (3)**

A continuation of Research in Science Education A.

**Communication Arts (COM)**

**533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Communication (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Communication Arts (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Communication Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Communication Education B (3)**

A continuation of Research in Communication Education A.

**Education (EDU)**

**504 Technology in the Classroom (2)**

A study of the most recent technology advancements utilized to enhance student achievement in the elementary, middle, and high school classroom with emphasis on the many facets of the computer as a teaching tool. Prior technology experience needed.

**510 Computer Applications in the Classroom (3)**

A study of existing computer software for elementary and secondary educational use. Criteria for the evaluation and selection of software are emphasized. Grading and management applications and word processing are included.

**517 Instructional Methodology for Secondary School Art (3)**

A study of principles, practices, methods, and materials for teaching art in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**518 Instructional Methodology for Secondary School Science (3)**

A study of principles, practices, methods, and materials for teaching science in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**519 Instructional Methodology for Secondary Business (3)**

A study of principles, practices, methods, and materials for teaching business in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**520 Instructional Methodology for Secondary School English (3)**

A study of principles, practices, methods, and materials for teaching English in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**521 Instructional Methodology for Secondary School Physical Education and Health (3)**

A study of principles, practices, methods, and materials for teaching physical education and health in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**522 Instructional Methodology for Secondary School Mathematics (3)**

A study of principles, practices, methods, and materials for teaching mathematics in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**523 Instructional Methodology for Modern Languages in Secondary School (3)**

A study of principles, practices, methods, and materials for teaching modern languages in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**524 Instructional Methodology for Secondary School Music (3)**

A study of principles, practices, methods, and materials for teaching music in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**525 Instructional Methodology for Secondary School Social Studies (3)**

A study of principles, practices, methods, and materials for teaching social studies in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**526 Instructional Methodology for Secondary School Speech and Theatre Arts (3)**

A study of principles, practices, methods, and materials for teaching speech and theatre arts in the secondary school with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**530 Secondary School Methods (3)**

A study of the principles, methods, and best practices for teaching at the secondary level with emphasis on current research in the field. Available for graduate credit only. Practicum required.

**533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**540 Using Games and Activities in the Elementary Classroom (3)**

A study of the principles and practices related to the effective use of games and activities in the elementary classroom.

**552 Instructional Design of Language Arts (4)**

A practical study of the design and implementation of instruction of reading and children's literature in the elementary (K-8) classroom with emphasis on current research in the field. Includes field experience.

**553 Instructional Design of Reading (4)**

A study of the design and implementation of instruction of reading with emphasis on current research and practice, including investigation of common reading problems, assessment methods, and remediation techniques. Field experience included.

**554 Instructional Design of Mathematics and Classroom Management (4)**

A study of the design and implementation of instruction of mathematics in the elementary (K-8) classroom with emphasis on current research in the field, including examination of effective strategies of comprehensive classroom management.

**555 Instructional Design of Science and Social Studies (4)**

A study of the design and implementation of instruction of science and social studies in the elementary (K-8) classroom with emphasis on current research in the field.

**585 Special Studies in Education (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**595 Special Workshops (1-4)**

Graduate credit offered in concentrated format for license renewal and elective credit. Maximum of 6 hours can count toward a degree. Selected topics may vary each year.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**604. Teaching in a Pluralistic Society (3)**

A study of pluralistic society and the expression of diversity in families and schools with emphasis on current research and best teaching practices.

**610 History and Philosophy of Education (3)**

A study of the history and philosophy of American education with attention to European antecedents, and philosophical movements such as Idealism, Realism, Perennialism, Essentialism, Progressivism, Reconstructionism, and Existentialism.

**614. Learning Theories and Styles (3)**

See PSY 614 for course description.

**615 Seminar and Workshop in Economic Education (3)**

The seminars will focus on basic theories of economics at both the macroeconomic and microeconomic level. The workshops will stress practical applications of economic principles and basic classroom methods for teaching economics.

**616 Children and Literature (3)**

A critical analysis of each genre of literature for children as a basis for the appreciation, selection, and use of suitable materials to foster active learning, personal growth, and recreational reading. This course is intended for the student who did not take a course in children's literature as an undergraduate.

**620 Curriculum Development and Implementation (3)**

This course is designed to investigate the factors that have influenced and will shape the school curriculum. Various organizational patterns, trends, and issues are studied.

**625 Classroom Management (3)**

A study of comprehensive classroom management strategies which will center on interpersonal relationships, classroom organization and management, instruction, problem solving, behaviorism, and schoolwide discipline.

**626 Reading in the Content Area (3)**

Content reading skills are skills with focus. Rather than consisting of lessons to teach initial reading, content area reading builds on skills to teach strategies related to specific areas of the curriculum. Such instruction is designed to teach students the specific skills necessary to learn more effectively in science, social studies, literature, math music, and physical education. Students in this course will create materials related to their specific content area. Field Experience required.

**629 Current Research in Early Childhood Education (3)**

Study and analysis of current research related to children and educational programs for children, birth through grade three. Field Experience required.

**630 The School and Community Relations (3)**

A study of designing programs around needs and problems of the school and its special publics, dealing constructively and effectively with these needs, and promoting a positive school environment for the steady improvement of public education.

**632 School Law (3)**

A study of sources of school law, student rights, and legal issues affecting education.

**634 School Facilities (3)**

Consideration of the school plant, grounds, and major equipment in relation to the educational needs of the community; factors in site selection; procedures in planning of school buildings; principles of design and construction; architectural and contractual services; and maintenance.

**640 Special Studies in Education (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**650 Educational Measurement and Evaluation (3)**

A study of the measurement of learning, attitudes and feelings, products and performances, and social interaction. Difficulty and discrimination of test items as well as validity and reliability of tests are emphasized. Descriptive statistics for sets of data are introduced.

**651 Cognitive Development of the Young Child (4)**

Students examine the theoretical and applied aspects of cognitive development in young children. Language development, quantitative thinking and number concepts, goals and concepts for other curriculum areas, as well as assessment principles and models are explored. Practicum required. Prerequisites: EDU 629.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**657 Creative Development of the Young Child (4)**

Students examine the development of creativity in young children with attention given to the use of the expressive arts for early intervention, meeting curricular objectives in all areas, and programming strategies for young children with special needs. Assessment principle and models are explored. Practicum required. Prerequisites: EDU 629.

**658 Middle School Design (3)**

Design and implementation of instruction in the middle school with attention to the philosophy and structure of the middle school and to issues, problems and practices in building a community of learners and collaboration with colleagues and support personnel based on current research in the field. Includes Field Experience.

**660 Issues and Trends in Education (3)**

A course designed to research the literature related to recent developments in education, including the aims, philosophies, methods, content, and problems related to the field. Students will identify and develop a synthesis of research related to a potential line of research.

**670 Research Design (3)**

A study of research designs which control threats to the validity of research conclusions. Students will complete a research proposal of a significant problem in education including a review of the literature related to the problem.

**675 Capstone Research Seminar (3)**

An extensive review of literature and synthesis of key learning based on the student's concentration area designed to provide a culminating experience of the M.A.Ed., non-thesis option. The final product will be presented to faculty and peers. To be taken the semester before graduation. Prerequisite: Completion of graduate coursework.

**680 Research in Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Education B (3)**

A continuation of Research in Education A.

**690 Thesis A (3)**

A course designed to help the student complete the master's research and thesis. Specific course content will be designed to meet the research and writing needs of the individual student.

**695 Thesis B (3)**

A continuation of Thesis A.

**English (ENG)****533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in English (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in English (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in English Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in English Education B (3)**

A continuation of Research in ENG. 680.

**History (HIS), Political Science (PSC), and Geography (GEO)****533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Social Sciences (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Social Sciences (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Social Science Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Social Science Education B (3)**

A continuation of Research in Social Science Education A.

## **Languages (LAN)**

**533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Languages (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Languages (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Language Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Language Education B (3)**

A continuation of Research in Language Education A.

## **Library Information Specialist (LSC)**

**610 Principles of Librarianship (3)**

A study which traces the development of library history from its earliest existence through the 20th century. In addition to the history and theories, it includes a study of the types of libraries, services, trends, issues and problems in libraries.

**620 School Library Administration (3)**

A study on how to organize and administrate school libraries with emphases placed on developing and implementing short and long range goals, developing and administrating programs, and keeping abreast of practices through current literature.

**630 Collection Management and Organization (3)**

A study which provides background information and current rules regarding the Dewey Decimal Systems of Classification and cataloging of materials. The course gives student hands on practice in creating records and editing records based on Machine Readable Format (MARC). The course will focus on activities that take place in route operations of collection management and organization of a library with emphasis on acquisition of materials, bibliographic control, cataloging, preservation and weeding of materials.

**640 Young Adult Literature (3)**

An evaluation which provides information about young adult literature as well as offers discussion on multicultural, multinational and classical literature for selection and appreciation of library materials.

**647 Practicum (6)**

Library experience and training in elementary, middle and secondary school requiring 200 clock hours under the supervision of a licensed school librarian and college supervisor. Prerequisite: Completion of all other course work required for the degree.

**650 General Reference (3)**

A study which introduces students to basic printed reference and electronic resources for school library media centers and how to use them effectively. Focuses on how to use strategies in seeking answers to reference questions. The reference resources studied will serve as a selection guide for school libraries.

**Mathematics (MAT) and Computer Science (CSC)****533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Mathematics & Computer Science (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Mathematics and Computer Science (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Mathematics Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Mathematics Education B (3)**

A continuation of Research in Mathematics and Computer Science Education A.

**Music (MUS)****533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Music (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Music (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Music Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Music Education B (3)**

A continuation of Research in MUS 680.

**Physical Education, Wellness, and Sport (PEWS)****533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Physical Education and Health (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**640 Special Studies in Physical Education and Health (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**660 Issues and Trends in Physical Education Education (3)**

A course designed to research the literature related to recent developments in Physical Education including the aims, philosophies, methods, content, and problems related to the field. Students will identify and develop a synthesis of research related to a potential line of research.

**680 Research in Physical Education and Health Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Physical Education and Health Education B (3)**

A continuation of Research in Physical Education and Health Education A.

## **Psychology (PSY)**

**533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

**585 Special Studies in Psychology (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

**610 Advanced Educational Psychology (3)**

This course involves an in-depth study of the field of educational psychology. Emphasis will be upon applying current research and issues such as human development, learning, and motivation to the educational setting.

**614 Learning Theories and Styles (3)**

Prominent theories of learning and learning styles in the context in which they were originated, their influences upon contemporary psychological and educational thought, and their present applications.

**624 Comparative Study of Child Development Theories (3)**

This course is for the student who did not take a course in child development or human development as an undergraduate. It is a critical study of the prominent theories relating to physical, social, emotional, and cognitive growth of children, as well as factors which impact upon development. The roles of the teacher and of other professionals who work with young children are explored.

**625 Learning and Behavioral Characteristics of Persons with Exceptionalities (3)**

A study of the learning and behavioral characteristics of students with exceptionalities. Theoretical models and experimental results will be examined.

**640 Special Studies in Psychology (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**680 Research in Psychology Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Psychology Education B (3)**

A continuation of Research in Psychology Education A.

## **Sociology (SOC)**

### **533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

### **585 Special Studies in Sociology (1-4)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

### **598 Seminar (1-3)**

A non-lecture research and discussion course. Course content will be determined by need.

### **640 Special Studies in Sociology (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

### **655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

### **680 Research in Sociology Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

### **685 Research in Sociology Education B (3)**

A continuation of Research in Sociology Education A.

## **Special Education (SE)**

### **533 Internship (1-4)**

Internship in a field situation for a specified time. Specific requirements will be arranged by the department.

### **585 Special Studies in Special Education (1-4)**

Groups studies which do not appear in the department course offerings. Course content will be determined by need.

### **595 Special Workshops (1-4)**

Graduate credit offered in concentrated format for license renewal and elective credit. Maximum of 6 hours can count toward a degree. Selected topics may vary each year.

### **605 Current Research in Educational Assessment of Persons with Exceptionalities (3)**

An investigation of assessment procedures for persons with special needs. Attention is given to the research base related to appropriate techniques and instruments and interpretation and transformation of test data into programmatic guidelines for instructional objectives.

### **610 Current Research in Behavior Management of Persons with Exceptionalities (3)**

A study of the various theories and techniques for managing behavior of students with exceptionalities. Attention is given to experimental results and related practical, moral, and legal issues.

### **625 Learning and Behavioral Characteristics of Persons with Exceptionalities (3)**

A study of the learning and behavioral characteristics of students with exceptionalities. Theoretical models and experimental results will be examined.

### **631 Educational Needs of Persons with Mild/Moderate Disabilities (3)**

A study of the diagnostic criteria of particular disability categories with emphasis on the individual educational needs of individuals with mild to moderate exceptionalities, including a study of Federal and State law, behavioral and psychosocial aspects, and pedagogy involved in relevant educational trends such as inclusion. Includes observation field experience.

### **632 Characteristics and Needs of Students with Emotional Disabilities (3)**

A study of the psychological and educational characteristics and needs of persons with severe and profound emotional and behavioral problems, with considerations given to the assessment and intervention strategies for individuals with these disabilities in light of current trends and legislation. Includes observation field experience.

**640 Special Studies in Special Education (3)**

Group studies which do not appear in the department course offerings. Course content will be determined by need.

**641 Teaching Mathematics and Science to Students with Exceptionalities (3)**

A study of the content, objectives, and pedagogy of instructing students with exceptionalities in the area of mathematics and science in grades K-8. Field Experience included. Prerequisite: SE 631 or 632.

**645 Teaching Language Arts and Social Studies to Students with Exceptionalities (3)**

A study of the content, objectives, and pedagogy of instructing students with exceptionalities in the area of language arts and social studies in grades K-8. field Experience included. Prerequisite: SE 631 or 632.

**650 Current Research in Assessment of Learning Problems in the Young Child (3)**

An investigation of the assessment methods for identification and diagnosis of learning problems in infants and young children and of the research related to effective techniques for early intervention.

**651 Cognitive Development of the Young Child (4)**

Students examine the theoretical and applied aspects of cognitive development in young children. Language development, quantitative thinking and number concepts, goals and concepts for other curriculum areas, as well as assessment principles and models are explored. Field Experience required. Prerequisites: EDU 629.

**655 Independent Study (1-4)**

Individual research and study under the guidance of a graduate faculty member.

**656 Teaching Language Arts and Social Studies to Students with Exceptionalities (3)**

A study of the content, objectives, and pedagogy of instructing students with exceptionalities in the area of language arts and social studies in grades K-8. Field Experience included.

**657 Creative Development of the Young Child (4)**

Students examine the development of creativity in young children with attention given to use of the expressive arts for early intervention, meeting curricular objectives in all areas, and programming strategies for young children with special needs. Assessment principle and models are explored. Field Experience required. Prerequisites: EDU 629.

**660 Issues and Trends in Special Education (3)**

A course designed to research recent developments in Special Education, including the aims, philosophies, methods, content, and problems related to the field.

**680 Research in Special Education A (3)**

A course designed to help the student complete the individual research related to the specialty area. Specific course content will be designed to meet the program needs of the individual student.

**685 Research in Special Education B (3)**

A continuation of Research in SE 680.