

MASTER OF ARTS IN EDUCATION PROGRAM

Admission to Graduate Coursework

All students, whether degree-seeking or non-degree-seeking in the M.A.Ed., 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.

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.

Provisional 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 provisional admission status for the first nine hours of graduate work at Union University. After successfully com-

pleting 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, will 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.

Provisional 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 provisional 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 a written comprehensive examination. *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, education electives, speciality area electives, and thesis.

Required Core: 15 hours

EDU 610, History and Philosophy of Education

EDU 620, Curriculum Development and Implementation

EDU 650, Educational Measurement and Evaluation

EDU 660, Issues and Trends in Education

EDU 670, Research Design

Education Electives: 6-9 hours

With the assistance of a faculty advisor, the student should select education courses that will increase the student's professional knowledge and skill.

Specialty Area Electives: 6-9 hours

With the assistance of a faculty advisor, the student should select courses related to the student's teaching field or specialty area that will provide growth in the knowledge of that area.

Thesis: 3-6 hours

Under the direction of a research committee consisting of graduate faculty members, all students completing the M.A.Ed. Thesis Option will conduct master's research related to their teaching fields, and will report that research by writing a thesis or by writing a research report and making an oral presentation of the results of the research.

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 four components: a required core, education electives, speciality area electives, and additional electives. Additionally, a comprehensive written examination is required for completion of the non-thesis option.

Required Core: 12 hours

EDU 610, History and Philosophy of Education

EDU 620, Curriculum Development and Implementation

EDU 650, Educational Measurement and Evaluation

EDU 670, Research Design

Education Electives: 6 hours

With the assistance of a faculty advisor, the student should select education courses that will increase the student's professional knowledge and skill.

Specialty Area Electives: 12 hours

With the assistance of a faculty advisor, the student should select courses related to the student's teaching field or specialty area that will provide growth in the knowledge of that area.

Additional Electives: 9 hours

With the assistance of a faculty advisor, the student should select courses in education or in the specialty area.

Specific requirements for the two degree options are provided in the chart that follows.

Requirements for the Non-Thesis Option of the M.A.Ed.: Library Information Specialist PreK-12

As an option of the non-thesis M.A.Ed., the 21-hour Library Information Specialist prepares prospective candidates with knowledge and skills to: understand and use technology, manage and organize resources, and obtain knowledge of books, media, and instructional materials basic to effective library programs. One semester of enhanced student teaching is required.

Union University students who are candidates for licensure for initial endorsement as a Library Information Specialist will complete the requirements specified for the M.A.Ed./Prof. Ed. Core (18 hours), enhanced student teaching for PreK-12 (14 hrs.) and additional course work in library information and instructional technology (21 hours). A total of 14 undergraduate hours (enhanced student teaching) and 39 graduate hours is required for degree completion.

The Library Information Specialist is also available as an add-on endorsement. See the Director of Teacher Education for details.

M.A.Ed. Professional Education Core Requirements

EDU 610	History & Philosophy of Education	3
SE 625	Survey of Exceptionalities	3
PSY 610	Advanced Educational Psychology	3
EDU 620	Curriculum Development & Implementation	3
EDU 650	Educational Measurement & Evaluation	3
EDU 670	Research Design	3
EDU 437	Enhanced Student Teaching (PreK-12)	<u>14</u>
Total		32 hours

The Library Information Specialist Requirements

LSC 610	Principles of Librarianship	3
LSC 620	School Library Administration	3
LSC 630	Collection Organization & Management	3
EDU 616	Children's Literature	3
LSC 640	Young Adult Literature	3
LSC 650	General Reference	3
EDU 510	Computers in the Classroom	<u>3</u>
Total		21 hours

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 Dean of the School of Education and Human Studies.
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. 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 (2000-2001)
Non-degree-seeking post-baccalaureate students	\$205/semester hour (2000-2001)

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 510, 511, 512, 513, 514, 627, 628, 636, 638; SE 636, 638	\$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 and the Perkins Loan. All students applying for these loans must complete an institutional application for financial aid and file the Free Application for Federal Student Aid (FAFSA). Forms are available 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 M.A.Ed. DEGREE OPTIONS

	THESIS OPTION	NON-THESIS OPTION
REQUIRED CODE	15 HOURS: EDU 610 His & Phil Educ EDU 620 Curr Dev & Implem EDU 650 Educ Meas & Eval EDU 660 Issues & Trends in Educ EDU 670 Research Design	12 HOURS: EDU 610 Hist & Phil Educ EDU 620 Educ Meas & Eval EDU 670 Research Design
EDUCATION ELECTIVES With the assistance of a faculty advisor, the student will select education courses that will increase the student's professional knowledge and skills	6 HOURS	6 HOURS
SPECIALITY AREA ELECTIVES With the assistance of a faculty advisor, the student will select courses related to the student's specialty area that will provide growth in the knowledge and methodology of that area	6 HOURS	12 HOURS
ADDITIONAL ELECTIVES With the assistance of a faculty advisor, the student will select additional courses in either education or the specialty area.	3 HOURS	9 HOURS
THESIS	MINIMUM OF 3 HOURS	NOT REQUIRED IN THE NON-THESIS OPTION
COMPREHENSIVE WRITTEN EXAMINATION	NOT REQUIRED IN THE THESIS OPTION	REQUIRED FOR COMPLETION OF THE NON-THESIS OPTION
MINIMUM HOURS REQUIRED	33 HOURS	39 HOURS

Course Descriptions

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

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

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 and Physics

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

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

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.

511 Instructional Methodology for Elementary School Science (3 hours)

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

512 Instructional Methodology for Elementary School Language Arts (3)

A study of principles, practices, methods, and materials for teaching language arts in the elementary school with emphasis on current research in the field. Available for graduate credit only.

513 Instructional Methodology for Elementary School Social Studies (3)

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

514 Instructional Methodology for Elementary School Mathematics (3)

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

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.

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.

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. Practicum Required for EDU 598 Seminar: Reading in the Content Area.

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.

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 these skills to teach students strategies related to specific areas of the curriculum. As such, content reading instructions 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.

627 Comparative Analysis of Instructional Methods in Reading (3)

A study of methodology for teaching reading with emphasis on current research and practice as related in the professional literature in the field.

628 Research in Diagnosis and Remediation of Reading Problems (3)

Investigation of common reading problems, assessment methods, and remediation techniques found in the literature. Prerequisite: EDU 627. Practicum 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. Practicum 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.

636 Cognitive Development of the Young Child (4)

A study of child development theory and current research related to language and mathematical development in young children with attention given to the problems of delayed development. Practicum Required.

638 Creative Development of the Young Child (4)

A study of child development theory and current research related to the development of creative ability in young children with attention given to the use of expressive arts for early intervention and for meeting curricular objectives in all academic disciplines. Practicum Required.

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.

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.

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**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 Education A.

History, Political Science, and Geography**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**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**600 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.

610 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.

620 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.

630 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.

640 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.

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. To be taken twice during the 2nd year of study. Prerequisite: Completion of all other course work required for the degree.

Mathematics and Computer Science**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**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 Music Education A.

Physical Education, Wellness, and Sport

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 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

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.

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**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**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.

636 Cognitive Development of the Young Child (4)

A study of child development theory and current research related to language and mathematical development in young children with attention given to the problems of delayed development. Practicum required.

638 Creative Development of the Young Child (4)

A study of child development theory and current research related to the development of creative ability in young children with attention given to the use of expressive arts for early intervention and for meeting curricular objectives in all academic disciplines. Practicum required.

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.

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.

655 Independent Study (1-4)

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

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 Special Education A.