

Generalist Emphasis	K-12 Administration Emphasis	Technology Emphasis	Higher Education Emphasis
Core Coursework:	Core Coursework:	Core Coursework:	Core Coursework:
ED 630 (3)	ED 630 (3)	ED 630 (3)	ED 630 (3)*
ED 631 (3)	ED 631 (3)	ED 631 (3)	ED 631 (3)**
ED 633 (2)	ED 633 (2)	ED 633 (2)	ED 633 (2)
ED 632 (4)	ED 632 (4)	ED 632 (4)	ED 632 (4)***
ED 635 (4)	ED 635 (4)	ED 635 (4)	ED 635 (4)
ED 636 (2)	ED 636 (2)	ED 636 (2)	ED 636 (2)****
<i>Core Subtotal: 18 cr.</i>	<i>Core Subtotal: 18 cr.</i>	<i>Core Subtotal: 18 cr.</i>	<i>Core Subtotal: 18 cr.</i>
Emphasis Coursework:	Emphasis Coursework:	Emphasis Coursework:	Emphasis Coursework:
ED 601 (2)		ED 601 (2)	
		ED 602 (2)	
ED 603 (2)	ED 603 (2) or CNSA 612 (3)	ED 603 (2) or CNSA 612 (3)	ED 603 (2) or CNSA 612 (3)
ED 608 (3)			
ED 613 (4)	ED 613 (4)		
ED 634 (3) or CNSA 610 (2)	ED 634 (3) or CNSA 610 (2)		ED 634 (3) or CNSA 610 (2) and CNSA 661 (1)
		Electives, choose 8 credits from ED 519, ED 522, ED 525, ED 528, ED 534, ED 535, ED 539, ED 542, ED 590	
			ED 717 (2)
ED 694 (2)	ED 638 (2) or ED 639 (2)		ED 780 (2)
	EECE 642 (2) or ED 643 (2)		ED 782 (4)
ED 697 (2)	ED 794 (2)	ED 697 (2)	ED 794 (2)
<i>Option Subtotal: 19-20 cr.</i>	<i>Option Subtotal: 16-18 cr.</i>	<i>Option Subtotal: 18-19 cr.</i>	<i>Option Subtotal: 17-18 cr.</i>
Option Total: 35-36 cr.	Option Total: 32-34 cr.	Option Total: 34-35 cr.	Option Total: 33-34 cr.

* NDSU EDUC 767 Organization and Administration of Higher ED (3) may be substituted for ED 630 (3)

** NDSU EDUC 727 Higher ED. Law (3) may be substituted for ED 631 (3)

*** CNSA 660 (2) and NDSU EDUC 717 (2) may be substituted for ED 632 (4)

**** NDSU EDUC 740 Financing Higher Education (3) may be substituted for ED 636 (3)

Generalist Option

ED 582 Information Technology and Teachers (2)
ED 601 Psychological Foundations of Education (2)
ED 603 Methods of Research (2)
ED 608 Educational Research (2)
ED 613 Social, Cultural, Political, and Community Dimensions of Education (4)
ED 630 Leadership, Planning, and Organizational Behavior in Education (3)
ED 631 Educational Law & Organizational Structure of Education (3)
ED 632 Curriculum, Instruction & Learning Theory (4)
ED 633 Technology and Information Systems (2)
ED 634 Personal Communications and Ethics (3)
ED 635 Personnel, Supervision & Staff Development (4)
ED 636 Policy and Educational Finance (2)
ED 694 Internship (2)
ED 697 Paper/Individual Study (2)
CNSA 610 Foundations of Counseling (2)

K-12 Administration Option

ED 582 Information Technology and Teachers (2)
ED 603 Methods of Research (2)
ED 613 Social, Cultural, Political, and Community Dimensions of Education (4)
ED 630 Leadership, Planning, and Organizational Behavior in Education (3)
ED 631 Educational Law and Organizational Structure of Education (3)
ED 632 Curriculum, Instruction, and Learning Theory (4)
ED 633 Technology and Information Systems (2)
ED 634 Personal Communications and Ethics (3)
ED 635 Personnel, Supervision, and Staff Development (4)
ED 636 Policy and Educational Finance (2)
ED 638 Administration of the Elementary School (2)
ED 639 Administration of the Secondary School (2)
EECE 642 Elementary School Curriculum (2)
ED 643 Secondary School Curriculum (2)
ED 794 Practicum (2)
CNSA 610 Foundations of Counseling (2)
CNSA 612 Individual Appraisal (3)

Technology Option

ED 519 Creating Web-Based Curriculum Materials (2)
ED 522 Electronic Resources: Issues and Practice (2)
ED 525 Methods of Computer-mediated Communication in Education (2)

ED 528 Effective Use of Multimedia (2)
ED 534 Assessment Strategies for Technology-Enhanced Curricula (2)
ED 535 Infusing Technology into Mathematics (2)
ED 539 Infusing Technology into Literacy Instruction (2)
ED 542 Infusing Technology into the Science Curriculum (2)
ED 590 Topics in Education (1-4)
ED 601 Psychological Foundations of Education (2)
ED 602 Statistics in Educational Research (2)
ED 603 Methods of Research (2)
ED 630 Leadership, Planning, and Organizational Behavior in Education (3)
ED 631 Educational Law and Organizational Structure of Education (3)
ED 632 Curriculum, Instruction, and Learning Theory (4)
ED 633 Technology and Information Systems (2)
ED 635 Personnel, Supervision, and Staff Development (4)
ED 636 Policy and Educational Finance (2)
ED 697 Paper/Individual Study (2)
CNSA 612 Individual Appraisal (3)

Higher Education Administration Option

ED 631 Educational Law and Organizational Structure of Education (3)
ED 632 Curriculum, Instruction, and Learning Theory (4)
ED 635 Personnel, Supervision, and Staff Development (4)
ED 636 Policy and Educational Finance (2)
ED 603 Methods of Research (2)
ED 630 Leadership, Planning, and Organizational Behavior in Education (3)
ED 633 Technology and Information Systems (2)
ED 634 Personal Communications and Ethics (3)
ED 717 Adult Learning (2)
ED 727 Higher Education Law (3)
ED 740 Financing Higher Education (3)
ED 767 Organization & Administration of Higher Educ.(3)
ED 780 Instructional Models (2)
ED 782 Supervisory and Administrative Theory (4)
ED 794 Practicum: Budget and Business Management (2)
ED 794 Practicum: Community Education Leadership (2)
ED 794 Practicum: Elementary School Principalship (2)
ED 794 Practicum: General Leadership (2)
ED 794 Practicum: Secondary School Principalship (2)
ED 794 Practicum: Superintendency (2)
ED 794 Practicum: Supervision (2)
CNSA 610 Foundations of Counseling (2)
CNSA 612 Individual Appraisal (3)
CNSA 661 Higher Education in the U.S. (1)

Official Course Descriptions taken from E-Services Website 1/21/08

CNSA 610 Foundations of Counseling (2)

Introduction to the profession of counseling. Emphasis is on introductory concepts in the profession including aspects of the counseling role, relationship and theories; professional organizations; and codes of ethics.

CNSA 612 Individual Appraisal (3)

Study of various types of tests, testing programs, and appraisal techniques and tools for individuals.

Prerequisite: ED 602

CNSA 661 Higher Education in the U.S. (1)

Introduction to the history and system of higher education in the U.S.

ED 519 Creating Web-Based Curriculum Materials (2)

This course will assist educators in the design and implementation of a classroom web site containing web-based lesson plans. It will also assist educators with web-based delivery methods and collaborative projects. Participants will create web-based classroom materials and collaborate with others via the Internet to extend the boundaries of the classroom.

ED 522 Electronic Resources: Issues and Practice (2)

This course covers many areas of the electronic research process, enhanced by the use and implications of emerging technology. There will be four main modules/sections: Internet Search Techniques, Evaluation and Selection of Internet Resources, Copyright Issues in Cyberspace, and Internet Privacy Issues.

ED 525 Methods of Computer-mediated Communication in Education (2)

This course provides an introduction to modern electronic communication tools, considers strategies and issues involved in incorporating them into education, and offers experience in using them.

ED 528 Effective Use of Multimedia (2)

This course covers how multimedia enhances instruction and learning. Participants will plan and implement multimedia for classroom instruction. They will also review the use of multimedia to create multi-sensory learning experiences. **Prerequisite:** ED 519

ED 534 Assessment Strategies for Technology-Enhanced Curricula (2)

This course explores issues, strategies, methods, and techniques of assessment in technology-based curricula.

Prerequisite: ED 525 ED 528

ED 535 Infusing Technology into Mathematics (2)

This course will examine and evaluate both commercial and free software available for mathematics instruction. Students will design learning activities that foster equitable, ethical, and legal use of technology.

Prerequisite: ED 519

ED 539 Infusing Technology into Literacy Instruction (2)

This course is designed to help K-12 teachers thoughtfully integrate technology into their literacy instruction.

Prerequisite: ED 519

ED 542 Infusing Technology into the Science Curriculum (2)

This course will provide a guided exploration of the use of technology in the science classroom and as a tool for professional development in science teaching. Technology resources, tools and applications will be examined and evaluated. The course will address the design, delivery and assessment of lessons and student learning activities that integrate technology in the study and practice of science. **Prerequisite:** ED 519

ED 582 Information Technology and Teachers (2)

An introduction to information technology in education including the use of technology, computers, and multimedia in education with attention to traditional curriculum, pupil characteristics, and the use of technology in lesson development. **Prerequisite:** CSIS 103

590 Topics in Education (1-4)

Topics in educational theory and practice. Since the course is topical in nature, it may be repeated when topics vary.

ED 601 Psychological Foundations of Education (2)

A systems approach to schools and systems of psychology. Principles affecting learning and instruction.

ED 602 Statistics in Educational Research (2)

Basic theory, techniques for using descriptive and inferential statistics, and application in educational research designs.

ED 603 Methods of Research (2)

Methodology of design of research studies; preparation of effective technical reports.

ED 608 Educational Research (3)

Case study methods, laboratory experience, and practicum where applicable.

ED 613 Social, Cultural, Political and Community Dimensions of Education (4)

This course provides school leaders with an understanding of the historical, philosophical, ethical, social, and economic influences affecting education to the degree that they can apply their understandings to professional decisions. Students are expected to apply political concepts and strategies and approaches to collaboration in involving the community in decision making, building community support for school priorities. Throughout the course, students' work will be expected to manifest a sensitivity to issues of diversity in a pluralistic society.

ED 630 Leadership, Planning, and Organizational Behavior in Education (3)

This course provides school leaders with preparation in skills for providing purpose and direction for individuals and groups, shaping school culture and values, facilitating the development of shared strategic vision for the school, formulating goals and planning change efforts with staff, and setting priorities for one's school in the context of community and district priorities for student and staff needs.

ED 631 Educational Law and Organizational Structure of Education (3)

An examination of the legislative and judicial actions affecting the public schools. Consideration is given to contemporary legal issues for teachers, administrators, and boards.

ED 632 Curriculum, Instruction, and Learning Theory (4)

This course investigates curricular decision-making and program evaluation strategies as they affect the educational program. Problem solving skills are presented through theory and simulation. **Prerequisite:** ED 630

ED 633 Technology and Information Systems (2)

Exploration of computer equipment, operation, means of communication with computers, instructional use and impact of computers in society.

ED 634 Personal Communications and Ethics (3)

This course prepares aspiring school leaders to plan for their personal and professional development; understand and use the principles of interpersonal, oral, and written communication; and follow a professional code of ethics and values.

ED 635 Personnel, Supervision, and Staff Development (4)

Specific techniques and systems to supervise instruction. Interpersonal communication and group process skills are applied to administrative supervision. **Prerequisite:** ED 630

ED 636 Policy and Educational Finance (2)

This course provides school leaders with an understanding about managing and allocating resources in a political climate in which policy decisions are based upon historical resource allocations.

ED 638 Administration of the Elementary School (2)

The common elements of leadership and management as they apply to elementary principalship. Practical applications in an elementary setting will be addressed.

ED 639 Administration of the Secondary School (2)

The common elements of leadership and management as they apply to the secondary principalship. Practical applications in a secondary setting will be addressed. **Prerequisite:** EECE 642 ED 630

ED 643 Secondary School Curriculum (2)

History, development, and evaluation of curricular patterns in the secondary schools. Analysis of current curricular practice and trends.

ED 694 Internship in Education (1-10)

A supervised field experience or internship in education related to the graduate major subject.

ED 697 Individual Study in Education (1-2)

Independent research for advanced graduate students. Repeated to a maximum of 4 credits.

EDUC 717 Adult Learning (2) – NDSU

Includes recent research concerning adult learning in the context of planning and operating effective adult education programs.

EDUC 727 Higher Education Law (3) -- NDSU

To develop expertise in legal issues for students whose current positions or future career goals include administrative and management positions in higher education where they will work on legal issues with attorneys.

EDUC 740 Financing Higher Education (3) – NDSU

This course provides funding theories and procedures necessary to develop and maintain to finance higher education.

EDUC 767 Organization and Administration of Higher Education (3) – NDSU

This course deals with the organization and administration of higher education and the current and evolving problems and possibilities for higher education.

EDUC 780 Instructional Models (2) – NDSU

Investigation of current practices and trends in instructional models. Emphasis is on the relationship of current research to contemporary practice.

ED 782 Supervisory and Administrative Theories (4)

A study of management models and techniques, needs assessment, goal setting, planning and evaluation systems, and decision-making problems as they relate to the school improvement process.

ED 794 Practicum in Administration (1-6)

Supervised field experiences in various areas of education administration. Seminar and projects required; Master's degree and courses in related areas required.

EECE 642 Elementary School Curriculum (2)

History, development and evaluation of curriculum. Analysis of recent trends and development of curriculum sequence at elementary level.