

SECONDARY EDUCATION/ FOUNDATIONS EDUCATION (SEFE)

SEFE 519 - Teaching History and Social Studies in Middle and High Schools

This course gives middle/high school and upper elementary teachers the relevant teaching strategies and content for historical and social studies pedagogy. This course simultaneously incorporates a strong focus on the practical application of these strategies with recommendations of professional societies (e.g. NCSS) and governmental bodies (e.g. PDE). In addition, current issues are studied with emphasis on research-based strategies for increasing students' motivation and achievement in social studies education.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

SEFE 521 - Teaching Language Arts at the Middle and High School Levels

This course gives middle/high school and upper elementary teachers the relevant teaching strategies and content for English pedagogy. This course simultaneously incorporates a strong focus on the practical application of these strategies with recommendations of professional societies (e.g. NCTE) and governmental bodies (e.g. PDE). In addition, current issues are studied with emphasis on research-based strategies for increasing students' motivation and achievement in education.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

SEFE 522 - Teaching of Middle Level and Secondary Social Studies and the Engl Language Arts for the Humanities

This course gives secondary teachers in the social studies and English language arts the theories and methodologies of teaching in the area of the Humanities. recommendations of professional and governmental bodies are studied with an emphasis on research-based strategies for increasing student motivation and achievement. The course will deal specifically with the nature of the social studies and the nature of the English language arts with ideas, strategies and techniques for teaching them at the appropriate licensure level (4-8 or 7-12) based upon a common foundation of reading and writing.

Credits: 3

Term(s) Typically Offered: Offered Fall & Summer Terms

Enrollment limited to students with a semester level of Graduate. Enrollment is limited to students with a program in Sec Education-English(7-12), Mid Level-Eng&Lang Arts (4-8), Mid Level-Social Studies (4-8) or Sec Education-Social Studies.

SEFE 576 - Teaching Integrated Science and Mathematics for Middle and Secondary Education

This course gives secondary and upper elementary teachers experience using print, audio-visual, computer and manipulative/hands-on materials for teaching integrated science and mathematics. Recommendations of professional and governmental bodies are studied with emphasis on research-based strategies for increasing students' motivation and achievement.

Credits: 3

Term(s) Typically Offered: Offered Fall, Spring, & Summer

Enrollment is limited to students with a program in Mid Level-Mathematics (4-8), Middle Level-Science (4-8), Sec EducationTch-Math&Science or Sec Ed- Math&Sci with Cert.

Enrollment is limited to Graduate level students.

Enrollment limited to students in the College of Education college.

SEFE 590 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

SEFE 595 - Graduate Workshops

Special topics of interest to graduates, upper level undergraduates, and selected community members. A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

SEFE 598 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate or Post Baccalaureate.

SEFE 601 - Educational Administration: Concepts and Practices

Examination of the various administrative tasks in light of established organizational models and leadership theories. The student will be introduced to a variety of theories, models, and concepts that have pertinence to the field of educational administration. Emphasis will be placed upon the methods of theory construction and the development of a theoretical orientation to the solution of administrative problems. The course draws heavily upon research done in the behavioral sciences. Restricted to consent of department.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students with the SPECIAL APPROVAL attribute.

SEFE 602 - Univariate Statistical Methods

Descriptive and inferential univariate statistics commonly used in education research are studied with emphasis on deciding which statistical analyses to use in practical situations and emphasis on interpreting the results of statistical analyses. Both parametric and nonparametric methods are included. Calculator and computer usage are required.

Credits: 3

Term(s) Typically Offered: Offered Fall & Summer Terms
Enrollment is limited to Graduate level students.

SEFE 603 - Multivariate Statistical Methods

Multivariate statistics (analysis of variance, linear regression, factor analysis, canonical correlation, and discriminate analysis) are studied with emphasis on deciding which statistical analyses to use in practical situations and emphasis on interpreting the results of statistical analyses. Calculator and computer usage are required.

Prerequisite: SEFE 602^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 604 - Philosophical Foundations of Education

A study of the impact of major philosophies and important contemporary philosophical trends upon education theory and practice.

Credits: 3

Term(s) Typically Offered: Offered Fall & Spring Terms
Enrollment is limited to Graduate level students.

SEFE 605 - School Community Relations and Politics of School Governance

Exploration of major principles and skills of school leaders in the related areas of school community relations and school governance/politics in our democracy.

Credits: 2

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 606 - Social Foundations of Education

An examination of the dynamics of social units affecting American education, including a diversity of organizations, formal and informal ethnographical entities, and the general structure of each.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 607 - The Theories and Teaching of English Language Learners

This course presents theories and offers instructional strategies based on research and practical experience that will sustain multi language learners' home cultures and languages while they acquire English.

Credits: 3

Term(s) Typically Offered: Offered Every Term
Enrollment is limited to Graduate level students.

SEFE 608 - Research Methods for Teacher

This is a graduate level course that provides a thorough overview of research methods for beginning educational researchers or consumers of educational research. The course will cover areas such as developing a research topic, writing research questions and hypotheses, conducting a review of the literature, data collection, analysis, interpretation, critiquing research articles.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate or Post Masters level students.

SEFE 609 - History of Western Education

A study of the historical development of western education. The course will trace educational practices such as: educational goals and aims, organizations, curriculum and learning theories, textbooks and other tools of learning, great educators and teachers and their views, educational opportunities of minority groups from the earliest western cultures to the present. Special emphasis will be given to the European influences upon American education and on the approaches taken by American educators to common educational problems.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 612 - Instructional Supervision for the Administrator

An in-depth exploration of instructional supervision through a review of teaching and learning theory, human development, human relations, staff development, administration, and evaluation.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 614 - School Finance

An in-depth exploration of the basic principles of school finance, accounting procedures, and school business management in educational settings.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 615 - Administrative Ethics and School Law

An introduction to school law through an analysis of the legal and ethics regulatory factors that are exercised over the school district by federal, state and local governments.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 617 - Practicum in School Administration

This course is required for the Principalship Certificate. The course is designed to provide candidates with practical experiences under supervision from an in-field mentor administrator and a university mentor. The candidate will be engaged in a one hundred-fifty hour (150 hr.) practicum experience with his/her field mentor based on the results of the assessment center and other areas agreed upon between the university mentor and field mentor.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 620 - Comparative Education

This course will focus on the world's leading educational systems. Special attention will be given to the expansion of education since World War II. Education is being used by the developed countries for social, political, cultural, and economic improvements in the poor countries of the world. The theories, practices and approaches used will be discussed and compared. Each student is expected to choose a developing country and show the changes, methods and approaches taken to bring about broad improvements through education.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 621 - The Principalship

This course will emphasize the central role and focus of the principal. Students will study the heightened demands on the principal and the recent emphasis on student learning, coupled with federal legislation. This course is designed to develop and enhance skills and competencies necessary to be an effective educational leader of the school unit at the elementary, middle, and senior high levels.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 624 - Synchronous and Asynchronous Technology for K-12 Education

Candidates will develop the use of synchronous and asynchronous technologies to assist in the teaching, mediation, assessment and enrichment of K-12 students in inclusive traditional and/or cyber classrooms. The goal is to help pre-service teachers implement various synchronous and asynchronous instructional technologies effectively.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 630 - Advanced Pedagogy for Teacher

Current research-based practices in classroom communication skills, delivery of instruction, questioning techniques, lesson design and behavior management will be reviewed. This course will provide students with an introduction to effective, research-based strategies for instructional delivery. Students will demonstrate their understanding of these strategies through class presentations and written work.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate or Post Masters level students.

SEFE 642 - Technologies for Instruction

Production and utilization techniques of new educational technologies including television, computers, slides, and overhead projection. Emphasis on the use of the computer to develop other media and on classroom use of these media; study of the systems approach as it applies to education.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 644 - Instructional Design: Principles and Practice

This course includes the knowledge base, principles and procedures utilized in designing instructional strategies and materials. In-depth analysis of the various components of instructional design as well as case studies from the basis for discussion. Students will be able to design and develop effective classroom instructional strategies.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 647 - Technology-Based Inquiry in Middle & Secondary Schools

This course introduces students to various technologies that can be used for inquiry-based activities in middle and secondary classrooms. through hands-on experiences with the graphing calculators, calculator-based labs (CBLs), personal digital assistants (PDAs), global positioning systems GPS/graphical information systems GIS systems, and other emerging technologies, students will develop skills that can be used with students for inquiry-based learning. Participants will explore the practical applications of each tool and create a variety of products and materials to be used in the classroom. Technology and its classroom applications are interwoven into research and evaluation.

Credits: 3

Term(s) Typically Offered: Offered Fall & Summer Terms

Enrollment is limited to Graduate level students.

SEFE 648 - Video Production and Editing in Education

An introduction to the stages of producing single-camera videotape including pre-production. Lighting, scripting, storyboarding, production, post-production, and non linear editing. Alternate forms of storage will also be included.

Prerequisite: SEFE 644^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 650 - Strategic Leadership

This course will emphasize the theories, principles and practices used in school supervision.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms

Enrollment is limited to Graduate level students.

SEFE 652 - Organizational Leadership

This course will emphasize the staff leadership function in working with professional school personnel and the instructional program.

Credits: 3

Term(s) Typically Offered: Offered Winter Terms

Enrollment is limited to Graduate level students.

SEFE 653 - Emerging Web Technologies and Learning

Candidates will utilize emerging web tools to address the needs of their content modules. The course will provide an opportunity to design innovative ways of applying these emerging technologies to facilitate their own teaching and student learning in the K-12 cyber classroom. Candidates will develop and submit an IRB approval for employing their modules with students in the Capstone course.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment is limited to Graduate level students.

SEFE 659 - Issues and Ethics in Online Teaching

Candidates will identify and explore current issues and ethical decisions educators and administrators experience when exploring and implementing online teaching practices. The goal of this course is to provide pre-service teachers with a knowledge base of the benefits and hardships that educational entities face when providing online instruction.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 660 - Program Evaluation

Univariate Statistics or equivalent or consent of instructor. Contexts, purposes and techniques for evaluating educational or other programs. Evaluation design, information collection, analysis, reporting and uses of results of programs ranging from individual lessons to nation-wide, multi-year projects. Special emphasis on evaluation requirements of local, state, and federally funded programs.

Prerequisite: SEFE 602^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 671 - Measurement, Testing, and Assessment

An examination of prescribed methodologies for the teaching assessment of higher-order thinking skills within the school curricula, sequentially followed by a survey of relevant standardized achievement and aptitude tests, as well as an in-depth study of the various teacher-made tests and alternative methods of assessing both the cognitive and the affective constructs of K-12 students.

Credits: 3

Term(s) Typically Offered: Offered Spring & Summer Terms

Enrollment is limited to Graduate level students.

SEFE 677 - Directed Field Experience in Secondary Schools

A continual fusion of theory and practice through the weekly intermittent scheduling of an on-campus seminar coupled with half-day sessions in selected secondary classrooms: in linkage with previous, current, and future program courses.

Credits: 3

Term(s) Typically Offered: Offered Fall & Spring Terms

Enrollment is limited to Graduate level students.

SEFE 678 - Practicum in Secondary Mathematics/Science

A theory into practice course designed to give certified secondary mathematics and science teachers experience with program development, implementation and evaluation. Each student will develop, implement, and evaluate a field-based program in secondary mathematics or science under faculty supervision.

Prerequisites: SEFE 602^C and SEFE 676^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 679 - Psychology of Learning and Instruction for Diverse Learners

This course examines the processes of learning, instruction, and development, aimed at impacting the design, development, implementation, and evaluation of these processes in the context of diverse learners.

Credits: 3

Term(s) Typically Offered: Offered Fall Terms

Enrollment is limited to Graduate level students.

SEFE 680 - Crucial Issues in Education

Trends and issues of contemporary American educational policy and practice explored: teacher empowerment, restructuring schools, professionalizing teaching, curricular movements, multicultural education and increasing state regulation of pre-service teaching and educational practice.

Credits: 3

Term(s) Typically Offered: Offered Fall, Spring, & Summer

Enrollment is limited to Graduate level students.

SEFE 681 - Teaching About Matter and Heat

Trends and issues of contemporary American educational policy and practice explored: teacher empowerment, restructuring schools, professionalizing teaching, curricular movements, multicultural education and increasing state regulation of pre-service teaching and educational practice.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 682 - Teaching About Electricity and Magnetism

This course gives upper elementary, middle school, and junior high teachers experience using hands-on activities that require only inexpensive and readily available materials. Children's ideas about matter and heat are studied with emphasis on research-based strategies for changing children's naive ideas.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 683 - Teaching About Forces, Motion, and Machines

This course gives upper elementary, middle school, and junior high teachers experience using hands-on activities that require only inexpensive and readily available materials. Children's ideas about electricity and magnetism are studied with emphasis on research-based strategies for changing children's naive ideas.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 684 - Teaching About Forces, Fluids, and Energy

This course gives upper elementary, middle school, and junior high teachers experience using hands-on activities that require only inexpensive and readily available materials. Children's ideas about forces, motion, and machines are studied with emphasis on research-based strategies for changing children's naive ideas.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 685 - Teaching About Light, Color, and Vision

This course gives upper elementary, middle school, and junior high teachers experience using hands-on activities that require only inexpensive and readily available materials. Children's ideas about forces, fluids, and energy are studied with emphasis on research-based strategies for changing children's naive ideas.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 686 - Teaching About Sound and Astronomy

This course gives upper elementary, middle school, and junior high teachers experience using hands-on activities that require only inexpensive and readily available materials. Children's ideas about forces, fluids, and energy are studied with emphasis on research-based strategies for changing children's naive ideas.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 687 - Integration of Web-based Technologies to Create Online Courses

Candidates will develop an online module(s) including lessons, activities, assessments, synchronous and asynchronous instruction and other methods of instruction that were developed through courses in the program. The module is expected to be delivered to students. The purpose is to demonstrate candidate's ability to develop courses for online teaching.

Prerequisite: SEFE 653^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms

Enrollment is limited to Graduate level students.

SEFE 690 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 695 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 696 - Elements of Qualitative Educational Research

A concentration on the theoretical and practical applications of qualitative research within the broad framework of formal education.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment is limited to Graduate level students.

SEFE 698 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 699 - Elements of Quantitative Educational Research

Analysis of diverse methods of research; evaluation of research reports; selection and definition of a personal research problem; review of related literature; development of a research plan; application of sampling techniques; selection and application of data gathering instruments; analysis and interpretation of research data; preparation of an individual research report in collaboration with instructor and other academic advisor.

Prerequisite: SEFE 602^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered Fall & Summer Terms

Enrollment is limited to Graduate level students.

SEFE 700 - Independent Study

Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 701 - Seminar and Supervised Teaching in the Secondary School

A fusion of theory and practice through the coupling of on-campus seminars with secondary classroom teaching experiences under the cooperative supervision of university and public school personnel, culminated with the presentation of an individually selected and faculty approved action research project.

Prerequisite: SEFE 677^C

^C Requires minimum grade of C.

Credits: 9

Term(s) Typically Offered: Offered Fall & Spring Terms

Enrollment is limited to Graduate level students.

SEFE 710 - Leadership and the Administrative Process

Introduction to the theory and practice of educational administration. The course is concerned with the competencies for managing effective schools and increasing individual and group productivity. Theories and research findings that guide sound management practice will be covered.

Credits: 2

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 711 - Foundations, School Reform, and Alignment of School Curriculum

An introduction to curriculum development through a historical analysis of various school reform movements and the roles of the local, state, and federal government in creating and regulating standards.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 713 - School Facilities and Plant Operation

This course is designed to provide the candidate with an examination of the physical building issues facing school administrators. Topics covered include: transportation, managing renovation and construction, food service operation and custodial operations.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 720 - The Law and Special Education

This course is designed to provide the candidate with an examination of the legal issues regarding special education programs that face school administrators. Topics covered include: all aspects of Special Education Law as it pertains to school administrators.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 721 - Special Education Program Administration and Evaluation

This course provides an overview of special education administration and evaluation processes and procedures to candidates pursuing the principal certification.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 722 - Personnel Selection and Supervision

This course focuses on the personnel functions and responsibilities of school leaders. Students will develop skills in forecasting personnel needs; recruiting, selecting, orienting, assigning, developing, compensating and evaluating personnel. Attention is given to major federal and state legislation, executive orders and court decisions that provide direction in the development of human resource programs that address the rights of diverse groups within the work force.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 723 - Staff Development from Induction to Continuous Staff

This course is designed to provide the candidate with an examination of the staff development issues facing school administrators. Topics covered include: working with new staff members, mentoring new staff members, developing the initial and ongoing staff development plan.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 724 - Mediating Conflict in Organizations

This course assists students in understanding ways of managing conflict in schools and community. Attention is given to the consequences of intergroup and intragroup conflict and ways to establish productive, collaborative intergroup and intragroup relations. Case studies of conflict are used to foster skills in conflict mediation and alternative dispute resolution.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 725 - Oral and Written Communication for the School Administrator

This course is designed to provide the candidate with an examination of the issues related to working with the public facing school administrators. Topics covered include: communications within the school, faculty, staff and students, and communications with the public through various media.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 726 - Developing Positive Relationships with the Stakeholders

This course is designed to provide the candidate with an examination of the issues related to working with the public facing school administrators. Topics covered include: conflict resolution, working with diverse populations within the school and community, working with the structure of the district and community, developing strategies to resolve conflicts between students, students and faculty, and with members of the community.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 727 - Practicum in School Administration II

This course provides supervised application of leadership competencies to the resolution of problems in a school setting. It is the second of a two course, two credit field experience sequence in the Principalship Certification Program. The candidate will be engaged in a seventy-five (75) hour practicum experience with his/her field mentor based on the results of the assessment center and other areas agreed upon between the university mentor and field mentor. This course is designed to be ongoing throughout the second semester. It is separate from the field experiences required of each theme, but hours from the Practicum can be utilized to gain a deeper practical understanding of any of the themes or their corresponding modules.

Credits: 1

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 754 - School Supervision: Clinical Practicum

The practicum is designed as the process and product that result from the application in a workplace environment of the knowledge, skills, and attributes related to strategic, instructional, organizational, and contextual leadership. The practicum includes a variety of substantial concurrent or capstone experiences in diverse settings planned and guided cooperatively by university and school district personnel for credit hours and conducted in schools and school districts over an extended period of time. The experiences should reflect increasing complexity and responsibility for educational leadership.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 790 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed
Enrollment limited to students with a semester level of Graduate.

SEFE 795 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 798 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 801 - Educational Administration: Concepts and Practices

Examination of the various administrative tasks in light of established organizational models and leadership theories. The student will be introduced to a variety of theories, models, and concepts that have pertinence to the field of educational administration. Emphasis will be placed upon the methods of theory construction and the development of a theoretical orientation to the solution of administrative problems. The course draws heavily upon research done in the behavioral sciences. Restricted to consent of department.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.
Enrollment limited to students with the SPECIAL APPROVAL attribute.

SEFE 802 - Univariate Statistical Methods

Descriptive and inferential univariate statistics commonly used in education research are studied with emphasis on deciding which statistical analyses to use in practical situations and emphasis on interpreting the results of statistical analyses. Both parametric and nonparametric methods are included. Calculator and computer usage are required.

Credits: 3

Term(s) Typically Offered: Offered Summer Terms
Enrollment limited to students in the EDD 9DSE program.
Enrollment is limited to Graduate level students.

SEFE 803 - Multivariate Statistical Methods

Multivariate statistics (analysis of variance, linear regression, factor analysis, canonical correlation, and discriminate analysis) are studied with emphasis on deciding which statistical analyses to use in practical situations and emphasis on interpreting the results of statistical analyses. Calculator and computer usage are required.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment limited to students in the EDD 9DSE program.
Enrollment is limited to Graduate level students.

SEFE 808 - Research Methods for Teacher Leadership

This is a graduate level course that provides a thorough overview of research methods for beginning educational researchers or consumers of educational research. The course will cover areas such as developing a research topic, writing research questions and hypotheses, conducting a review of the literature, data collection, analysis, interpretation, critiquing research articles.

Credits: 3

Term(s) Typically Offered: Offered Fall Terms
Enrollment limited to students in the EDD 9DSE program.
Enrollment is limited to Graduate level students.

SEFE 809 - History of Western Education

A study of the historical development of western education. The course will trace educational practices such as: educational goals and aims, organizations, curriculum and learning theories, textbooks and other tools of learning, great educators and teachers and their views, educational opportunities of minority groups from the earliest western cultures to the present. Special emphasis will be given to the European influences upon American education and on the approaches taken by American educators to common educational problems.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 812 - Instructional Supervision for the Administrator

An in-depth exploration of instructional supervision through a review of teaching and learning theory, human development, human relations, staff development, administration, and evaluation.

Credits: 3

Term(s) Typically Offered: Offered as Needed
Enrollment is limited to Graduate level students.

SEFE 814 - School Finance

An in-depth exploration of the basic principles of school finance, accounting procedures, and school business management in educational settings.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 815 - Administrative Ethics and School Law

An introduction to school law through an analysis of the legal and ethics regulatory factors that are exercised over the school district by federal, state and local governments.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 817 - Practicum in School Administration

This course is required for the Principalship Certificate. The course is designed to provide candidates with practical experiences under supervision from an in-field mentor administrator and a university mentor. The candidate will be engaged in a one hundred-fifty hour (150 hr.) practicum experience with his/her field mentor based on the results of the assessment center and other areas agreed upon between the university mentor and field mentor.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 821 - The Principalship

This course will emphasize the central role and focus of the principal. Students will study the heightened demands on the principal and the recent emphasis on student learning, coupled with federal legislation. This course is designed to develop and enhance skills and competencies necessary to be an effective educational leader of the school unit at the elementary, middle, and senior high levels.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 844 - Instructional Design: Principles and Practice

This course includes the knowledge base, principles and procedures utilized in designing instructional strategies and materials. In-depth analysis of the various components of instructional design as well as case studies from the basis for discussion. Students will be able to design and develop effective classroom instructional strategies.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students in the EDD 9DSE program.

Enrollment is limited to Graduate level students.

SEFE 847 - Technology-Based Inquiry in Middle & Secondary Schools

This course introduces students to various technologies that can be used for inquiry-based activities in middle and secondary classrooms. through hands-on experiences with the graphing calculators, calculator-based labs (CBLs), personal digital assistants (PDAs), global positioning systems GPS/graphical information systems GIS systems, and other emerging technologies, students will develop skills that can be used with students for inquiry-based learning. Participants will explore the practical applications of each tool and create a variety of products and materials to be used in the classroom. Technology and its classroom applications are interwoven into research and evaluation.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 850 - Strategic Leadership

This course will emphasize the theories, principles and practices used in school supervision.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 852 - Organizational Leadership

This course will emphasize the staff leadership function in working with professional school personnel and the instructional program.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 860 - Program Evaluation

Univariate Statistics or equivalent or consent of instructor. Contexts, purposes and techniques for evaluating educational or other programs. Evaluation design, information collection, analysis, reporting and uses of results of programs ranging from individual lessons to nation-wide, multi-year projects. Special emphasis on evaluation requirements of local, state, and federally funded programs.

Prerequisite: SEFE 602^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 871 - Measurement, Testing, and Assessment

An examination of prescribed methodologies for the teaching assessment of higher-order thinking skills within the school curricula, sequentially followed by a survey of relevant standardized achievement and aptitude tests, as well as an in-depth study of the various teacher-made tests and alternative methods of assessing both the cognitive and the affective constructs of K-12 students.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 887 - Dissertation Prospectus

Dissertation Prospectus focuses on the initial stages of the writing of the doctoral dissertation. The student meets periodically with the three-member dissertation committee and receives guidance leading to the completion of the dissertation prospectus. The prospectus is defined as the first three chapters of the dissertation.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 890 - Experimental

A unique and specifically focused course within the general purview of a department which intends to offer it on a "one time only" basis and not as a permanent part of the department's curriculum.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment limited to students with a semester level of Graduate.

SEFE 892 - Dissertation

In Dissertation, the candidates for the Doctor of Education degree write their dissertation with the assistance of the dissertation committee. In addition, the candidates must make a successful oral defense of the dissertation. Students pursuing a doctoral program should contact their academic advisor concerning research after completing about one-half of their degree coursework. The advisor will assist the student with the necessary steps (such as preliminary selection of a topic and arranging for the appointment of a committee) to proceed.

Prerequisite: SEFE 887^C

^C Requires minimum grade of C.

Credits: 1-9

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 893 - Extended Dissertation

Doctoral candidates, under the direction of the chairperson of their dissertation committee, will continue to develop, implement, analyze, report and defend a structured research project in the area of educational leadership and administration. Additionally, the doctoral candidate will successfully complete an oral defense of the written dissertation upon approval of the five-chapter manuscript by the dissertation committee.

Prerequisites: SEFE 887^C and SEFE 892^P

^C Requires minimum grade of C.

^P Requires minimum grade of P.

Credits: 1

Term(s) Typically Offered: Offered Fall & Spring Terms, Offered as Needed

Enrollment is limited to Graduate level students.

Enrollment limited to students with the SPECIAL APPROVAL attribute.

SEFE 895 - Workshop

A workshop is a program which is usually of short duration, narrow in scope, often non-traditional in content and format, and on a timely topic.

Credits: 1-6

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 896 - Elements of Qualitative Education

A concentration on the theoretical and practical applications of qualitative research within the broad framework of formal education.

Credits: 3

Term(s) Typically Offered: Offered Spring Terms

Enrollment limited to students in the EDD 9DSE program.

Enrollment is limited to Graduate level students.

SEFE 897 - Independent Study

Independent Study courses give students the opportunity to pursue research and/or studies that are not part of the university's traditional course offerings. Students work one on one or in small groups with faculty guidance and are typically required to submit a final paper or project as determined by the supervising professor.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 898 - Selected Topics

A Selected Topics course is a normal, departmental offering which is directly related to the discipline, but because of its specialized nature, may not be able to be offered on a yearly basis by the department.

Credits: 1-3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.

SEFE 899 - Elements of Quantitative Educational Research

Analysis of diverse methods of research; evaluation of research reports; selection and definition of a personal research problem; review of related literature; development of a research plan; application of sampling techniques; selection and application of data gathering instruments; analysis and interpretation of research data; preparation of an individual research report in collaboration with instructor and other academic advisor.

Prerequisite: SEFE 602^C

^C Requires minimum grade of C.

Credits: 3

Term(s) Typically Offered: Offered as Needed

Enrollment is limited to Graduate level students.