

**ECON 462 SEMINAR IN QUANTITATIVE MARKETING: TIME SERIES ECONOMETRICS (4)**

This course covers quantitative methods in marketing analytics. The course will concentrate on theory and application of time series econometrics to marketing topics such as pricing, promotion, branding and marketing return on investment. The course will make extensive use of advanced time series econometrics methods beginning with the multiple regression model. Prerequisite: ECON 304, 305, and 317.

**ECON 481 SEMINAR IN ECOLOGICAL ECONOMICS (4)**

An exploration of the sustainable use of three types of capital: natural, human, and financial. Public and private sector solutions are developed to promote the long-term viability of market-based economies. Topics include pollution control, fishery management welfare measurement, performance metrics, and product design. Prerequisites: ECON 204, 205, 304, 305 and 317, or consent of instructor.

**ECON 488 SEMINAR IN ECONOMICS AND LAW OF BUSINESS REGULATION (4)**

Advanced topics in economic and legal aspects of business regulation. Prerequisites: ECON 204, 205, 304, 305 and 317.

**ECON 494 SPECIAL TOPICS IN ECONOMICS (1-4)**

Course of lectures on a single topic or set of related topics not ordinarily covered in the economics curriculum. May be repeated for credit with a different topic. Prerequisite: consent of the instructor.

**ECON 495 SPECIAL STUDIES (1-4)**

Open to economics majors only. Prerequisite: consent of the instructor. May be repeated once for credit.

**ECON 496 TUTORING ECONOMICS (2)**

Intended for advanced students working as tutors in Economics courses. Cr/NC only. Prerequisite for first semester of tutorial work: concurrent enrollment in ECON 497.

**ECON 497 SEMINAR IN TEACHING ECONOMICS (2)**

A faculty-directed seminar in teaching methods and concepts for students tutoring in economics. Cr/NC only. May be repeated up to 8 times for credit.

**ECON 499 INTERNSHIP (1-4)**

May be repeated twice for credit.

**ECON 501 FOUNDATIONS OF ECONOMICS (2-3)**

his introductory course will focus on using economic models for business decisions. The course will cover the fundamental components of profit maximization as well as macroeconomic analysis and the underlying variables that determine the performance of the economy. Statistical methods required for estimating and forecasting demand will be explored. Prerequisite: a B.A. or B.S. degree.

**ECON 595 SPECIAL STUDIES (1-4)**

Independent study designed in consultation with instructor. Subject matter variable. Students must complete the standard SSU form. Prerequisite: consent of instructor.

**Education (EDUC)**

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**EDUC 150 PROSPECTIVE TEACHERS (3)**

Focuses on realities of the classroom from the teacher's point of view. Includes child development, teachers' roles and responsibilities, and the culture of schools in a changing society. Includes an apprenticeship with a teacher. Grade only. Prerequisite: consent of instructor.

**EDUC 250 TEACHING IN A CHANGING WORLD (3)**

This course is designed to provide an introduction to the classroom from teachers' points of view. Areas of content include child and adolescent development, teachers' roles and responsibilities, the culture of schools in a changing society, as well as an apprenticeship with a practicing teacher. Particular emphasis will be on teacher decision-making. Institutional changes that could improve teacher and student performance will also be explored. Each student will spend 30 hours observing and participating in an assigned public school classroom. Grade only.

**EDUC 291 MENTORING IN SCHOOL BASED PROGRAMS (4)**

Open to students who are tutoring in the community. Focus is on the profiles of mentors and mentees and how their individual and mutual relationships are affected: learning styles and strategies, self-esteem, perceived locus of control, communication, stress/anxiety, use/misuse of tutoring strategies, diversity, and social/family and educational systems. A wide variety of techniques and skills are used and developed by class participants to empower their tutees and to enhance their own effectiveness as a tutor/human being. Cr/NC only. Certificate received upon successful completion of training. Instructor permission required to enroll in the course. May be repeated for credit.

**EDUC 295 COMMUNITY INVOLVEMENT PROGRAM (1-4)**

CIP involves students in the community, performing such tasks as tutoring. Students receive 1 to 4 units, depending on the specific tasks performed. A total of 6 units of CIP credit may be applied toward a degree. Cr/NC only. Recommend to have EDUC 250 as prerequisite, but not required. Thirty hours of fieldwork is mandatory. May be repeated for credit.

**EDUC 329 THE MIGRANT EXPERIENCE (2)**

An examination of the migrant plight in our society and educational system through study of the literature and by a direct, active contact with the migrant community. Grade only. Prerequisites: functional Spanish language skills and participation in the mini-corps program, or consent of instructor.

**EDUC 390 SELECTED TOPICS IN EDUCATION (1-4)**

May be repeated for credit under different topic.

**EDUC 395 COMMUNITY INVOLVEMENT PROGRAM (1-4)**

CIP involves students in the community, performing such tasks as tutoring, coaching, and reading for the blind. Students receive 1 to 4 units, depending on the specific tasks performed. A total of 6 units of CIP credit may be applied toward a degree. Cr/NC only.

**EDUC 417 SCHOOL AND SOCIETY (3)**

A critical examination of current issues in today's schools and future directions in education through the perspectives of history, philosophy, sociology, anthropology, and the politics of education. Content includes: trends, movements, and issues of the development of our present-day school systems and current educational practice; development of an individual philosophy of education through examination and evaluation of educational philosophies from early Greek through modern/post-modern thought; analysis of American society and its effect on the functioning of schools; the role of explicit and implicit cultural assumptions in educational contexts; and the influence of federal, state, and local governing agencies, the knowledge industry, and special-interest groups on education. Grade only. Satisfies GE, Area D1 (Individual and Society). Restricted to: juniors, seniors CRED, CREDC, CREDP, CRED2, plan of EDUC-MA and to credential student group (RUCR).

**EDUC 443A OBSERVATION/PARTICIPATION IN MULTICULTURAL SETTINGS (2)**

**EDUC 481 DEVELOPMENT OF A CREATIVE CLASSROOM (3)****EDUC 484 INTRODUCTION TO MULTIMEDIA AND WEB AUTHORING (3)**

Students learn to use technology to improve teaching and learning in any setting or organization where education and communication are critical. Multimedia authoring and Web design using graphics, text, and sound to convey information and ideas is an integral part of the class. Teaching and learning projects that are innovative and consistent with exemplary instruction practices form the core activities of the class. These projects focus on the development of learning and the design of educational Web sites. Grade only. Prerequisite: permission of the instructor.

**EDUC 490 SELECTED TOPICS IN EDUCATION (1-4)**

A course designed according to the interest of a particular faculty member, providing opportunities for diversification in content and reading. Grade only. May be repeated for credit under different topic.

**EDUC 495 SPECIAL STUDIES (1-4)**

May be repeated for credit up to 8 units.

**EDUC 509 ORGANIZATION, ADMINISTRATION, AND SUPERVISION OF READING (3)****EDUC 510 SDAIE IN CONTENT-AREA CLASSES (3)****EDUC 511 PROFESSIONAL INDUCTION PLAN: SUPERVISED DEVELOPMENT (1)****EDUC 538 DEVELOPMENT OF LANGUAGE AND THINKING: INFANCY-MIDDLE CHILD (3)****EDUC 568 EVALUATION IN EDUCATION (3)****EDUC 570 THE REFLECTIVE EDUCATOR (3)**

Students should take this course at the beginning of the M.A. program. The focus of this course is on philosophical, historical, social, and psychological perspectives in education. Students will examine these perspectives while being encouraged to examine and reflect upon their own professional practices in education. In this course, students will have assignments that can be part of a reflective portfolio that they will continue to modify throughout their M.A. program. The portfolio is intended to be cumulative throughout the graduate core courses. Grade only. Prerequisite: admission to M.A. in Education Program.

**EDUC 571 RESEARCH PARADIGMS IN EDUCATION (3)**

This course is designed to be taken midway in the Master of Arts degree program. This course focuses on becoming a critical consumer of research and includes among its goals the development of skills in the analysis and critique of educational research. The course serves to acquaint students with basic principles and techniques of educational research. It also provides students with an opportunity to integrate knowledge of these principles through analyses of action research projects that may serve as the foundation for the culminating master of arts degree project. Grade only. Prerequisite: EDUC 570 or other MA courses.

**EDUC 572 SUPERVISED STUDY FOR COGNATE PROJECT (3)****EDUC 573 SUPERVISED STUDY: INDIVIDUAL EXAM (3)****EDUC 574 INTRODUCTION TO CLASSROOM RESEARCH AND NATIONAL BOARD CERTIFICATION (1-3)**

This is an introductory course that supports teachers preparing for the National Board for Professional Teaching Standards certification. National Board (NB) certification is available for general and special education teachers and counselors of students from preschool through grade 12 in a variety of areas. The purpose of this course is to provide an overview of the NB certification process. Specifically, students become familiar with the National Board's five core propositions, certificate area standards, and assessment measures and procedures required for certification. In addition, students will learn about the application process and potential sources of funding. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

**EDUC 575A CONDUCTING RESEARCH ON TEACHING (3)**

This is a second of three courses that support teachers working toward National Board certification. It is also intended for any student interested in conducting action research in schools and classrooms. Students examine exemplary teaching practices and learn about strategies for action research, self-assessment, and reflection on teaching practice. Using their own classrooms as sites for ongoing action research, students apply various research methodologies and engage in data collection through observation, videotaping, and examination of artifacts. In addition, students analyze data and share findings through descriptive, analytical, and reflective writing. Those pursuing National Board certification will also focus on analysis and assessment of National Board portfolio entries, and develop action plans for their National Board portfolios. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

**EDUC 575B CONDUCTING RESEARCH ON TEACHING (4)**

This is a second of three courses that support teachers working toward National Board certification. It is also intended for any student interested in conducting action research in schools and classrooms. Students examine exemplary teaching practices and learn about strategies for action research, self-assessment, and reflection on teaching practice. Using their own classrooms as sites for ongoing action research, students apply various research methodologies and engage in data collection through observation, videotaping, and examination of artifacts. In addition, students analyze data and share findings through descriptive, analytical, and reflective writing. Those pursuing National Board certification will also focus on analysis and assessment of National Board portfolio entries, and develop action plans for their National Board portfolios. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

**EDUC 576 RESEARCH, REFLECTION, AND PROFESSIONAL PRACTICE (4)**

This course is designed for teachers to enhance their professional practice through research and reflection. Working collaboratively, teachers complete their portfolios required for National Board certification. In preparation for Assessment Center exercises, teachers engage in extensive review of current and historical perspectives on teaching and learning in their certificate areas. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

**EDUC 578 PROJECT CONTINUATION (1-3)**

Designed for students working on their thesis or master's project but who have otherwise completed all graduate coursework toward their degree. This course cannot be applied toward the minimum number of units needed for completion of the master's degree. Prerequisite: permission of the graduate coordinator. Cr/NC only.

**EDUC 588 EDUCATIONAL CURRICULUM (3)****EDUC 595 SPECIAL STUDIES (1-4)**

Independent study designed in consultation with an instructor. Grade only. Prerequisites: students must complete the standard SSU form and secure the required approvals during the first week of classes.

**EDUC 598 DEVELOPING A THESIS/PROJECT (3)**

This is the final course in the graduate core courses in Education. This course develops students' abilities to carry out a thesis or project and provides basic information for planning and implementing the master of arts degree proposal. The main goal is to provide students with knowledge to begin their thesis or project. Time is provided for students to assess progress in the program and to complete portfolio development. Grade only. Prerequisites: completion of all M.A. coursework or taken in final semester of M.A. coursework.

**EDUC 599 SUPERVISED RESEARCH FOR THESIS/PROJECT (3)**

Supervised Research provides students with guidance in the completion of their research project. Under the direction of the committee chair, and in consultation with all committee members, students will complete the thesis or project that was developed in EDUC 598 Developing a Thesis/Project. Following completion of the research project, students will participate in a formal presentation of their work to faculty and colleagues. Cr/NC. Prerequisite: completion of EDUC 598. Advancement to candidacy approved.