

AUTISM SPECTRUM DISORDERS, ENDORSEMENT

Program Description

This is a unique 12-credit program for certified teachers who are interested in learning and gaining additional experience in autism spectrum disorders. It provides them with multi-disciplinary perspectives and approaches to working with children with ASD and their families. Master's degree candidates interested in specializing in autism can apply these courses as electives to the program. Students may also choose to complete the endorsement coursework as post-baccalaureate credits, Act 48, or professional development.

The Autism Concentration program is one component of a university-wide initiative to bring attention to the need for coordinated sharing of knowledge, perspectives and advances in the support and education of individuals with autism and their families. As a center for educational, health, psychological, and social service studies in this area, La Salle is prepared to help address the many aspects of life touched by autism. Collaborating with other interested groups beyond the university community, La Salle hopes to provide an incubator for the development of advanced skills and accelerated sharing of emerging best practices in school and home for supporting these children and optimizing their human potential.

The Pennsylvania Department of Education defines program endorsements as certifications in new or emerging areas of knowledge where formal certification does not exist. The Program Endorsement is intended to improve a teacher's skills in dealing with complex classroom settings. These endorsements are added to existing Level I or Level II Certificates.

In addition to the standard admission requirements for Graduate Education, applicants should hold a valid teaching certificate or provide evidence of a completed certification program, including passing scores on all PRAXIS exams.

Students can earn either a Master of Arts in Education with a Concentration in Autism Spectrum Disorders (30 credits) or a Program Endorsement Certification only in Autism Spectrum Disorders (12 credits).

Degree or Certificate Earned

PA Department Of Education Endorsement – Autism Spectrum Disorders

Required for Program Completion

- Credits
- 12

Course Sequence

Eight-Week Sessions

Course	Title	Credits
First Year		
First Semester		
EDC 655	Dimensions of Autism	3
Credits		3

Second Semester		
EDC 665	Communication Strategies for Teachers of Students Spanning the Special Needs Spectrum	3
Credits		3
Second Year		
First Semester		
EDC 657	Systems Approach With Families and Educators	3
Credits		3
Second Semester		
EDC 667	Implementing the IEP in the Inclusive Classroom	3
Credits		3
Total Credits		12

Course Descriptions

Education

EDC 501 Cog Dev For Tchrs

This course addresses cognitive development and the acquisition of knowledge, and explores the implications for instruction. Emphasizes creating more meaningful learning experiences for pupils who are at varying developmental levels and who have different learning styles.

EDC 502 Soc-Emot Dev Tchrs

This course is designed to further the educator's knowledge and understanding of the developmental concepts that are essential to sound educational practice. The course explores the areas of social, emotional, and moral development in the context of family and community systems as well as the socializing agents in culture and society that influence these three areas, and the significance of these areas to the classroom teacher. It examines how teachers can use their knowledge of these areas of development and the influence of popular culture on development to make the learning environment more responsive to their students' needs.

EDC 503 Cognitive, Social, and Emotional Development

This course provides an overview of the physical, cognitive, psychosocial, emotional, and moral development for humans across the lifespan. Participants will explore theories of learning and development as they pertain to the individual in the home, in schools, the community, at work, individually, with families and with peers. Attention will be paid to both normative and nonnormative developmental trends.

EDC 504 Needs of Diverse Students

This course prepares educators to differentiate instruction including the gifted, at risk, ESL, and students with Individual Education Plans. The course will explore proven effective models emphasizing the varied inclusion approaches. Under discussion will be the social, emotional, cognitive and academic benefits and challenges from the educators, students and parents perspectives. The total profile of a student in an inclusionary setting requires examination of variations in beliefs, cultural background and individual strengths and needs. Students will be able to apply PDE Special Education Standards to better acquaint themselves with the development and ongoing implementation of evidence-based methods. Prerequisites: EDC 501 or EDC 502 or permission of the graduate director

EDC 505 Introduction to Instructional Leadership I

This course provides an overview of adult learning, understanding, and communication as a vehicle to teacher growth and instructional leadership skills as well as an introduction to models of assessment, technology standards, technology in assessment, data-driven decision making using Excel and other data-based programs, data analysis, supervision, and professional development. Opportunities to shadow and observe practicum supervisory staff will be provided. Students will also get valuable experiences practicing authentic data collection and analysis through the development of an assessment and professional development plan in the graduate practicum. Controversies are dissected and the organizational complexities of school structures are analyzed. Numerous levels of assessment and accountability are researched. Theories and practices of curriculum development are studied and applied to the construction of a values-based curriculum. The course provides resources for the development of educational policy-making perspective skills. It stresses the knowledge, skills, and attitudes that make teachers effective curriculum leaders and school problem solvers. Prerequisite(s): EDC 613 or equivalent

EDC 505A Instructional Leadership PT II**EDC 506 IntroInstruction Leadership II****EDC 507 Breaking Ranks****EDC 510 Human Exceptionalities**

This course introduces human exceptionalities and surveys the psychological, medical, legal, and social forces influencing the provision of services for exceptional people. Clarifies perceptions of exceptionalities, defines and describes key terms and concepts, and identifies major trends that affect the scope and nature of service to exceptional people.

EDC 512 Introduction to the Middle School

This course is designed to provide students with an overview of the historical, social, and cultural influences in the development of the middle school concept. It investigates organizational structure, alternative patterns of school and class organization, team planning, and collaboration techniques. This course focuses exclusively on middle-level philosophy, transition, learning, and management so that teacher candidates seeking certification in grades 4-8 will have a deeper understanding of adolescent issues requiring specific educational approaches.

EDC 520 Writing Instruction for Literacy Educators

In this course, students will read and analyze books and articles written about the pedagogy of writing instruction to give the foundation necessary to create an authentic writing environment in their classrooms- where all of the students will view themselves as writers. The students will create teaching goals and will present what they learn through a variety of assignments culminating with the creation and implementation of a unit to reflect their growth.

EDC 522 Safe Schls Hlthy Kids**EDC 523 The Leadership Academy****EDC 541 Tchng Elem Sci w/ Tech****EDC 542 Teach Algebra with Tech****EDC 545 Teach Elem Math with Tech****EDC 546 Teach Mid-Sch Mth w/ Tech****EDC 547 Teach Science with Tech****EDC 548 Dealing With Data****EDC 549 Connecting Math & Science****EDC 555 Introduction of Early Childhood Methods**

This course provides an overview of historical and current early childhood education models as well as curriculum, classroom management, and assessment considerations based on developmental theories of young children in Prek-4th grades. A special emphasis is placed on holistic curricula integrating literacy, mathematics, science, social studies, art, music, and movement into early childhood classrooms and including the family and community into the overall design. Understanding how to develop a classroom environment that embraces is emphasized.

Prerequisite(s): EDC 503

EDC 560 Teach Interactive Math I**EDC 561 Teach Interactive Math II****EDC 562 Teach Interactive Mth III****EDC 563 Teach Interactive Math IV****EDC 564 Teach Core-Plus Math I****EDC 565 Teach Core-Plus Math II****EDC 566 Teach Core-Plus Math III****EDC 567 Teach Core-Plus Math IV****EDC 568 Math-in-Context I****EDC 569 Math-in-Context II****EDC 570 Special Topics****EDC 571 Special Topics****EDC 574 Intro To Grad Res & Wrtnng****EDC 580 Math-in-Context III****EDC 581 Connected Math I****EDC 582 Connected Math II****EDC 583 Connected Math III****EDC 584 Graphing Calculators****EDC 585 Geometer's Sketchpad****EDC 595 Topics in Math****EDC 601 Foundations Of Educ**

This course promotes analysis of the meaning and effects of educational institutions. Provides resources for developing critical understanding of educational thought and practice. Encourages the development of value positions based on critical study. Provides resources for the development of educational policy-making perspectives and skills.

EDC 602 The Teacher and Technology

This course helps teachers incorporate modern technologies of instruction into their classroom practices. Includes visual literacy and design principles, videography, the Internet, videodisc technology, cable in classroom, trends in educational computing, and multimedia. Emphasizes the impact of those technologies on human growth and development. Prerequisite(s): EDC 503

EDC 603 Curric & Developmt

This course assists students in examining and refining their own concept of the curriculum and provides them with the knowledge and practical skills required to translate that concept into an effective, developmentally based program for learners. Stresses acquiring the knowledge, developing the attitudes, and cultivating the skills that make teachers effective curriculum workers in the schools. Prerequisites: EDC 501, 502, 602, 613 or permission

EDC 604 Foundations of Schooling

This course examines schooling and its problems in historic, social, economic, legal, organizational, philosophical and global contexts. The intents and effects of educational institutions including, but not limited to schooling, both past and present are discussed. Schooling-related controversies are dissected and the organizational complexities of schools structures are analyzed. Numerous levels of assessment and accountability are researched. Theories and practices of curriculum development are studied and applied to the construction of a values based curriculum. The course provides resources for the development of educational policy- making perspective skills. It stresses the knowledge, skills and attitudes that make teachers effective curriculum leaders and school problem solvers. Prerequisite(s): EDC 503, EDC 510, EDC 613

EDC 612 Geography for Teachers

This course provides educators with the knowledge necessary to institute, update, and enrich the teaching of geography. Examines using geography as an integrative discipline to teach physical and social sciences. Surveys the major research traditions of geography including the earth-science tradition, the culture-environment tradition, the location tradition, and the area analysis tradition. Required of all Elementary and Special Education Certification candidates.

EDC 613 The Role of the Developmentally Oriented Teacher

This course enables students to more expertly apply child and adolescent developmental concepts to the practice of teaching. Explores strategic instructional planning, teaching styles, presentation skills, cooperative learning, and classroom management systems. Emphasizes the role of the teacher as an educational leader and decision-maker. Uses video-assisted micro-teaches both in the laboratory and the classroom.

Prerequisite(s): EDC 503

EDC 615 Advanced Instructional Design

This course advances understanding of managing the teaching and learning environment through instructional and management considerations using research-based approaches for practicing teachers and instructional leaders. The use of technology and other methods to enhance in-depth learning are emphasized. Course content includes strategic instructional planning, curriculum mapping, integrated unit development, differentiated instruction, technology integration, authentic assessments, culturally proficient teaching, and the role that classroom management plays in developing a positive climate for learning.

*This course may be taken as an elective in the master's program.

Prerequisite(s): EDC 505

EDC 616 Play, Learning, and Education

This course examines various perspectives on the notion of play in culture, with a particular emphasis on children's play. The course will emphasize the link between theory and practice at the sites in society where children interact with each other and adults.

EDC 617 Reading in the Content Areas for Secondary Educators

This course provides students with the opportunity to understand reading as a strategic interactive process that affects the learner's efforts in all academic areas. Students will explore currently held views of the reading process, instruction techniques, and assessment concerns related to secondary education. Class sessions employ a variety of formats, including lecture, demonstration, discussion, and hands-on experiences. Course projects provide practical application of the theoretical, instructional, and diagnostic issues presented. Required of all certification candidates. Prerequisite(s): EDC 503

EDC 618 Reading and Writing in the Elementary-Special Education Classroom

Promotes understanding of reading as a strategic interactive process that affects learners' efforts in all academic areas. Explores currently held views of the reading process, instruction techniques, and assessment concerns related to elementary and secondary education. Employs a variety of formats, including lecture, demonstration, discussion, and hands-on experiences. Course projects provide practical application of the theoretical, instructional, and diagnostic issues presented. Required of all certification candidates. Prerequisite(s): EDC 503

EDC 619 Literacy Difficulties: Diagnosis and Instruction for Reading Specialists and Classroom Teachers

The major goal of this course is to help future and practicing teachers understand how reading and writing ability develop, why some students have difficulty learning to read/or write, how to diagnose and address reading and writing problems, why a variety of assessment and teaching techniques must be used to identify students' strengths and needs, and how to use the results to design appropriate instruction. The premise for this goal is that both understanding why and knowing how are necessary for a teacher to make informed decisions that impact reading and writing instruction. Prerequisite(s): EDC 617 or EDC 618; or enrolled in Special Education certification program

EDC 620 Literacy Difficulties

This course prepares reading specialists to meet the needs of students who demonstrate significant problems in reading and writing. It prepares reading specialists to use diagnostic assessments as a basis for planning instruction. Emphasis is placed on understanding and analysis of reading problems and the design and implementation of instructional interventions in reading and language arts. Prerequisites: EDC 617 or 618.

EDC 624 Images of Schooling and Childhood in Literature, Painting, and Film

The seminar will examine how concepts of schooling and childhood evolved in American and European culture from the 18th century to the present. The course will focus on how literature, painting, and film reflect these changing concepts as they relate to the following: progressive vs. traditional schooling; school as factory, temple, and town meeting; public vs. private schooling; corporal punishment; moral education; childhood, heredity, and environment; and childhood, creativity, and imagination. The course will also include a field trip to the Philadelphia Museum of Art.

EDC 637 Systems Investigations

EDC 640 Lit across the Curriculum

This course presents the reading specialist with techniques and strategies for presenting literature to children and adolescents and getting them to respond to it. Students interact with a wide variety of children's literature to recognize notable authors and illustrators and to develop an ability to critically analyze children and young adult literature from diverse perspectives. Students will examine, evaluate, discuss, and use literature and related non-print materials for children and young adolescents and explore strategies for using trade books across the curriculum and for introducing children to literature. Students develop an understanding for ways in which children's literature develops literacy and encourages young people to know the pleasure that can derive from reading good books. Materials for children, adolescents, and adults with limited reading abilities are covered. Prerequisites: EDC 617 or 618.

EDC 641 Teaching Science as Integrated Inquiry

This course focuses on how to develop student understanding of scientific knowledge and nature of scientific inquiry through inquiry-centered approaches that are in harmony with the contemporary research on cognitive science, motivation, and learning and instruction. It also addresses science education standards, issues, research, and application. Throughout the semester, students are provided with many opportunities to engage in personal and collaborative inquiry about teaching and learning science. Prerequisite(s): EDC 503

EDC 642 Development of Mathematical Thought

Assists students in understanding how children develop quantitative reasoning and examines implications for teaching math concepts, skills, and problem-solving approaches across content areas. Provides a basis for understanding the changing mathematics curriculum and offers opportunities to plan and evaluate instructional techniques. Required of all Elementary and Special Education Certification candidates. Prerequisite(s): EDC 503

EDC 643 Developing and Adjusting Instruction

This course is designed to help elementary and special education teachers use a developmental perspective in order to design instruction that maximizes learning for a diverse groups of pupils. Further, this course will provide the knowledge necessary for teachers to adjust instruction to accommodate the wide variety of needs commonly found among children with and without disabilities and other needs in current elementary and special education classrooms. Education 643 provides the background necessary for understanding developmental levels, learning styles, and research-based instructional strategies that connect to unit development. Education 645 and 661 represents a summer practicum experience necessary to implement instruction in inclusive and non-inclusive educational settings. Prerequisite(s): EDC 503, EDC 510

EDC 644 Assessing the Abilities of all Learners

This course provides an overview of norm-referenced, criterion-referenced, curriculum-based, and authentic assessments used in the evaluation of students with and without disabilities. Classroom-based practices using differentiated assessments are also emphasized in this course. Students will be engaged in evaluating a focus child and writing a report containing Individualized Educational Plan (IEP) goals to meet the needs of the student. Prerequisite(s): EDC 510 or permission

EDC 645 Planning and Instruction for Students with Special Needs

This course will extend graduate students' understanding of Individualized Education Plan (IEP) planning, including the Individual Transition Plan, and how to collaborate with parents and outside agencies. Included will be IEP interpretation and accommodations for students classified as low incidence students, including autism. In addition, students will learn how to adjust standards-based units of instruction to meet the needs of students with moderate to severe disabilities. Addressed will be the following: functional and basic academics, communication, daily living skills, socialization, community experiences and related services. Prerequisite(s): EDC 643

EDC 646 Adj Inst:Mod\Sev Handicap

EDC 647 Developing and Adjusting Instruction for Secondary Learners

This course applies a developmental perspective to the design and implementation of secondary-level instruction. Prerequisite(s): EDC 503 or permission

EDC 648 Secondary Education Summer Practicum

An intensive summer immersion program for secondary certification candidates. Provides an early full-time classroom teaching experience in a closely supervised and highly supportive clinical setting. Prerequisite(s): EDC 503, EDC 647 or permission

EDC 649 The Literacy Coach

This course promotes the concept that a specialist, serving as a school's literacy coach, can work effectively with secondary teachers to improve students' literacy skills as they study their content area subjects. Future specialists will learn to collaborate with content teachers as they make learning more lasting and meaningful. Strategies, techniques, and approaches will be demonstrated to show how more effective learning can take place without any appreciable loss of "content time." Prerequisites: EDC 617 and 618

EDC 650 Language Assessment and Special Education of ESL Learners

This course provides an overview of federal, state, and local mandates regarding the assessment of ESL learners. Placement testing, standardized assessment, performance assessment, rubrics, and portfolios are addressed specifically. Issues in authentic assessment and assessment in the content areas are also addressed. This course also helps students to understand the legislation that promotes individual rights for children and adults with disabilities, the special education classification and labeling process, and current trends in the education of children with disabilities. Students analyze the impact that a handicapping condition has on the individual in learning and social environments. Prerequisite(s): BLS 600 and BLS 601

EDC 651 The Literacy Internship

The literacy internship is the capstone experience for the program. Students will complete a minimum of 100 hours in an intensive summer reading program designed for children and adolescents. Students will be expected to apply concepts from their coursework to their work with students who are struggling readers. Students will be expected to conduct literacy evaluations of students with mild, moderate, and severe reading or writing difficulties, design specific literacy instruction to meet student needs, implement instruction, and evaluate the effectiveness of the instructional techniques on literacy growth. Students will also be expected to choose literacy materials that are in line with students' instructional levels and to develop a literacy-rich and positive learning environment. An alternate option for completing the required internship hours exists for those currently teaching in reading/literacy-intensive positions. The director of the Graduate Programs in Education must approve this option. Prerequisites: EDC 617 or 618, 620, and 640.

EDC 652 Leadership and Educational Change I

This course focuses on developing education professionals' ability to critically reflect on problems arising in schools for the purpose of achieving positive school change. Using in-depth research related to instructional practices in a specific content area of interest or expertise (reading, mathematics, social studies, science, etc.) or behavior management, students will conduct needs assessments in their schools and design a professional development project that will result in positive classroom or school change. Approval of the project is required by the school leadership and course instructor prior to progressing to the next course (EDC 651), in which the action research project will be implemented. In order to prepare graduate students for this project they will be exposed to the following 1) school staff development needs and resources based on analysis of data, interviews with teachers and the leadership team, and personal observations; 2) multiple assessments designed to measure program outcomes, and; 3) activities designed to address the needs of the educational program and needs assessment. Prerequisite(s): EDC 505, EDC 615

EDC 653 Leadership and Educational Change II

This course is a continuation of EDC 650: Leadership and Educational Change I. Thus, graduate students will be implementing professional development plans in a school environment and analyzing data collected to measure outcomes of the action research project. Students will be mentored and supervised by a La Salle University instructor as they engage in implementing their school-based projects and measuring outcomes. Prerequisite(s): EDC 505, EDC 615, EDC 652

EDC 655 Dimensions of Autism

This course provides an overview of the historical and legislative antecedents of autism spectrum disorder (ASD). Students will learn about the characteristics of students who fall within the Autistic Spectrum (Asperger's syndrome, pervasive developmental disorder, Rett's syndrome, childhood disintegrative disorder, and hyperlexia) in preparation for teaching students with autism in inclusive and self-contained settings. Students will be introduced to a continuum of interventions for students with ASD.

EDC 657 Systems Approach With Families and Educators

This course is designed to provide the Marriage and Family Therapy (MFT) Graduate Student, and the Education Graduate Student with an understanding of how family systems, the education system and the community mental health system operate independently and collectively, and the influence each has on the other with regard to the special needs child and family. The goal of the course is to enhance the understanding of the delivery of service, and its impact on the well being of the child and the family. A comprehensive overview of systems approach to family therapy, the educator's role within the education system, and access and understanding of the community mental health system will be examined and explored. Additionally examined will be cultural issues and realities, the ethical considerations in treating a special needs child and family, and how all systems within the child's life can collaborate within the treatment model developed for that child. Prerequisite(s): EDC 655

EDC 659 Prac IA El/Spc Stu Teach**EDC 660 Prac IB El/Spc Stu Teach****EDC 661 Teaching All Students in Inclusive and Special Education Settings**

An extension of EDC 645 in which participants design and deliver instruction to moderately and severely handicapped learners. Emphasizes the classroom application of research-based knowledge of child development and individual differences. Prerequisite(s): EDC 643 and EDC 645 or EDC 647

EDC 662 Elementary and Special Education Student Teaching

Required of all Elementary and Special Education Certification candidates with no teaching experience. Prerequisite(s): Must be taken as final course in certification sequence.

EDC 665 Communication Strategies for Teachers of Students Spanning the Special Needs Spectrum

This course will provide educators with new insights into the communications-related needs of students, enable participants to work more effectively with related services in the delivery of special programming and, teach class members to apply new technologies and strategies to best meet the needs of special needs students including those with Autism Spectrum Disorders (ASD). In collaboration with speech- language pathologists, current practices in monitoring, data-gathering and assessment of students holding communications-related IEPs will be introduced, practiced and applied to the classroom setting in a practicum experience. Prerequisite(s): EDC 655

EDC 667 Implementing the IEP in the Inclusive Classroom

This hybrid course will enhance graduate students' understanding of how to interpret a Comprehensive Evaluation Report (CER) and Individualized Education Plan (IEP) in order to meet the academic, social, and/or behavioral goals of students with disabilities within the context of the general education curriculum. In addition, special consideration of the needs of English language learners and gifted and talented students will be addressed in the course. Application of universal design, differentiated instruction, and specific accommodations and strategies for students with disabilities will be stressed. Prerequisite(s): For the special education certification program: EDC 510, EDC 644, EDC 643, EDC 645, EDC 661; For the ASD program: EDC 655; EDC 665

EDC 668 Secondary Education Supervised Teaching (S)

This course can, with permission of the Candidacy Committee, replace student teaching for candidates with two or more years teaching experience who are also currently employed as teachers. For one semester, the supervised teacher is observed and guided by University faculty while teaching in his or her own current private or public school position. The supervised teacher also conducts an action research project. (Must meet Commonwealth standards as appropriate for area of certification.) Required of all certification candidates who are not required to take student teaching. Prerequisite(s): Must be taken as final course in certification sequence.

EDC 669 Elementary and Special Education Supervised Teaching/ Transitional Teaching

This course can, with permission of the Candidacy Committee, replace student teaching for candidates with one or more years teaching experience who are also currently employed as teachers. For one semester, the supervised teacher is observed and guided by University faculty while teaching in his/her own current private or public school position. The supervised teacher also conducts an action research project. Required of all certification candidates who are not required to take student teaching. Prerequisite(s): Must be taken as final course in certification sequence.

EDC 670 Special Topics in Education

Permits individual examination of topics of special interest. Restriction(s): Requires faculty sponsor and permission of the Director.

EDC 671 Special Topics

EDC 672 Special Topics

EDC 673 Seminar in School Law

This course surveys the complex legal environment in which schooling takes place. Explores the variety of laws and regulations that govern the work of educators. Outlines guiding legal principles and summarizes the legal processes whereby conflicts are resolved.

EDC 674 Special Topics

EDC 675 Special Topics

EDC 676 Classroom Mgt/School Disciplin

EDC 677 Comput/Internet For Teachers

EDC 679 Elementary and Special Education Special Methods of Teaching
Weekly seminars held either on campus or at the practicum site designed to help students translate theory into practice by exploring teaching methods in the chosen area of certification. Research project required. Required of all certification candidates. Prerequisite(s): Must be taken as final course in certification sequence.

EDC 680 Secondary Education Special Methods of Teaching

Weekly seminars held either on campus or at the practicum site designed to help students translate theory into practice by exploring teaching methods in the chosen area of certification. Research project required. Required of all certification candidates. Prerequisite(s): Must be taken as final course in certification sequence.

EDC 682 Soc/Education Outcomes

Students will examine the socioeconomic factors that help and hinder educational success and failure. By engaging various texts on educational stratification and social inequality, students will examine how various social locations and structural conditions shape which groups are likely to be educationally mainstreamed and the social factors that result in educational marginalization. The role of social reproduction theory, as an intergenerational arbitrator of academic success and failure, will be examined. Central to this class will be the macro-sociological, political, and economic forces that shape our educational institutions. By the end of the course, our students will have a solid handle on how race, class, gender, sexual orientation, poverty, disability, and educational policy influence educational outcomes.

EDC 684 Class Mgt/School Discipline

Students will explore issues of school and classroom behavior, examine foundational philosophical perspectives, and reflect on one's own developing perspectives about those issues. The underlying philosophy of this class is that we must first manage our own behavior before we can influence our students. The course is intended to place students in the position of being reflective by making connections between personal experiences and theories of human behavior. Students will be provided with specific tools and techniques for managing the behavior of students, but more importantly, they will be encouraged to develop a systematic process for thinking about (a) their own behavior and (b) the behavior of their students.

EDC 689 Secondary Education Student Teaching

Required of all certification candidates not eligible for Supervised Teaching. Prerequisite(s): Must be taken as final course in certification sequence

EDC 695 Action Research/Edc Change

Focuses on developing education professionals' ability to critically reflect on problems arising in schools through developing, implementing, and analyzing action research projects. Students will be exposed to quantitative and qualitative methods of scientific research, define an area of focus relating to area of study, conduct a literature review, formulate an action research design, collect and interpret data, and synthesize research into a report format. Students will be introduced to publishing opportunities. Prerequisites: EDC 617 or 618, 620, 640, and 651

EDC 697 Action Research/Educ Change II

As a continuation of EDC 695: Action Research and Educational Change, students will design, conduct, implement, and analyze data collected from action research proposals begun during the EDC 695 course. Students will be mentored as they engage in the research process. A final report of the action research will constitute a master's thesis. Prerequisites: EDC 695 and 601

EDC 743 Intro/Conceptual Change

EDC 744 Adv/Conceptual Change

EDC 750 Teaching AP Stats

EDC 751 Transformative Pedagogy: A Capstone Experience

This capstone course, for students in any of the Education programs leading to a Master's degree, will focus on critical pedagogy and transformative pedagogies, while providing the structure and guidance for the completion of a capstone project. Students will be able to choose one of three capstone options: (1) publishable quality paper, (2) development of a curriculum, or (3) action research project. The course will be structured so that students will be guided through project proposal, design and completion while engaging in coursework and readings that emphasize transformative pedagogies. A B or higher must be obtained in this course to complete the Master's Degree program. Prerequisite(s): EDC 501, EDC 502, EDC 504, EDC 604, EDC 613

EDC 753 Studio Art: Adv Plcmt
EDC 755 Art History: Adv Plcmt
EDC 757 Music Theory: Adv Plcmt
EDC 761 Biology: Adv Plcmt
EDC 762 Env Science: Adv Plcmt
EDC 763 Chemistry: Adv Plcmt
EDC 764 Comp Science A/AB: Adv Plcmt
EDC 765 Physics: Adv Plcmt
EDC 766 Stats For Teachers AP
EDC 767 Calculus AB: Adv Plcmt
EDC 768 Calculus BC: Adv Plcmt
EDC 769 Comp Science: Adv Plcmt
EDC 770 Human Geo: Adv Plcmt
EDC 771 Economics: Adv Plcmt
EDC 772 World History: Adv Plcmt
EDC 773 European His: Adv Plcmt
EDC 774 Special Topics
EDC 775 Govt & Pol: US
EDC 776 Govt & Pol: Comparative
EDC 777 Psychology: Adv Plcmt
EDC 778 African American History
EDC 779 US History: Adv Plcmt
EDC 781 Eng Lang: Adv Plcmt
EDC 783 English Lit: Adv Plcmt
EDC 784 Calculus A Adv Plcmt
EDC 785 Calculus B Adv Plcmt
EDC 786 Pre-Calculus: Adv Placmt
EDC 791 French Lang: Adv Plcmt
EDC 792 French Lit: Adv Plcmt
EDC 793 German: Adv Plcmt
EDC 794 Italian: Adv Plcmt
EDC 795 Latin: Adv Plcmt
EDC 796 Japanese: Adv Plcmt
EDC 797 Spanish Lang: Adv Plcmt
EDC 798 Spanish Lit: Adv Plcmt
EDC 799 Comp Sci Principles: Adv Plcmt
EDC 870 Special Topics
EDC 871 Special Topics
EDC 872 Special Topics
EDC 873 Special Topics