ADVANCED SPECIALTIES IN EDUCATIONAL PRACTICE

https://www.uvm.edu/cess/doe

OVERVIEW

The Master's in Education Degree in Advanced Specialties in Educational Practice is designed to provide innovative educators with opportunities to grow within the profession by reinvigorating their current practice or gaining credentials to seek new roles within education. Emphasis in core coursework and across pathways is placed on advancing justice, building criticality, centering humanistic pedagogies, and building and sustaining a reflexive practice.

DEGREES

Advanced Specialties in Educational Practice AMP

Advanced Specialties in Educational Practice M.Ed.

FACULTY

Brinegar, Kathleen; Assistant Professor, Department of Education; Educational Leadership & Policy; EDD, University of Vermont
Carter, Chalais "Cee"; Assistant Professor, Department of Education; PHD, University of Massachusetts Amherst
DeMink-Carthew, Jessica; Associate Professor, Department of Education, PHD; University of Maryland
Jorgenson, Simon; Associate Professor, Department of Education; PHD, University of Cincinnati
Mayo, Cris; Professor, Department of Education; PHD, University of Illinois at Urbana-Champaign
McCluskey, Matthew; Assistant Professor, Department of Educational Leadership and Policy Studies; EDD, Vanderbilt University
Strolin-Goltzman, Jessica S.; Professor, Department of Education; PHD, University of Albany
Toolin, Regina; Associate Professor, Department of Education; PHD, University of Wisconsin-Madison

Curriculum Instruction Courses

EDCI 5001. Python Program for Educators. 4 Credits.
Covers the fundamentals of programming, using the Python programming language. Students will write non-trivial Python programs, assess programming assignments, read, analyze and discuss relevant literature in CS and Education and create lesson plans and other CS resources for their teaching practice.

EDCI 5002. Java Programming for Educators. 4 Credits.
Intermediate programming concepts including common data structures, algorithms, design, documentation, testing and debugging techniques, and an introduction to object-oriented programming. Focuses on learning fundamentals of Java programming and the pedagogical theories, principles methods for integrating Java into the grade 7-12 classroom. Prerequisite: EDCI 5001.

EDCI 5003. Web Design for Educators. 4 Credits.
Covers the fundamentals of HTML, CSS, working with images, PHP programming, and web design needed to create a functional website. Assess programming assignments, read, analyze, and discuss relevant literature in CS and education and create lesson plans and other CS resources for students' teaching practice. Prerequisites: EDCI 5001, EDCI 5002.

EDCI 5004. Computer Organization for Educ. 3 Credits.
Covers computer system organization including performance, assembly language, machine-level data representation, arithmetic for computers, processor datapath control, memory, and input/output. Students will read, analyze, and discuss education literature and create lesson plans/units and other CS resources for their teaching practice. Prerequisites: EDCI 5001, EDCI 5002, EDCI 5003.

EDCI 5005. Data Science for Educators. 3 Credits.
Extracting meaning from data remains one of the most important tasks of research and industry. The modern age of computers and the Internet has made vast amounts of data available, making it more important than ever to understand how to collect, process, and analyze these data ethically and responsibly. Focuses on learning data science fundamentals and the pedagogical methods to integrating data science into the grade 7-12 classroom. Prerequisites: EDCI 5001, EDCI 5002, EDCI 5003, EDCI 5004.

EDCI 5043. Fndns in Ed for Sustainability. 3 Credits.
Prepares educators to use sustainability as an integrating lens for learning. Provides an introduction to Education for Sustainability (EFS), an approach that links teaching of social, environmental, and economic systems to foster the knowledge, inquiry, and action needed to build a healthy and just future for communities, both locally and globally.

EDCI 5044. Mthds in Ed for Sustainability. 3 Credits.
Explores designing for education for sustainability (EFS). Participants should have a foundation in EFS, associated pedagogies, and curriculum or project development strategies. Action-oriented, culminating in a project or curriculum to implement. Prerequisite: EDCI 5043.

EDCI 5045. Trnsfrm Ldrshp Edu for Sustain. 3 Credits.
Focuses on developing students' education for sustainability leadership practices and offers tools to transform ourselves and our community. Explores a whole-systems and ecological approach for leading change in complex and emergent times. A core element of this course is the community that will be co-developed through collective work. Prerequisite: EDCI 5043. Co-requisite: EDCI 5044.

EDCI 5046. Edu for Sustain Inquiry Action. 3 Credits.
Designed to support practitioners advanced in EFS. In collaboration with education experts, systems-thinking and leadership, students will developing a peer network committed to ecological integrity, economic vitality, and social justice. Students will also use inquiry and action research frameworks to investigate a personally meaningful question about their EFS practice. Prerequisite: EDCI 5043. Co-requisites: EDCI 5044, EDCI 5045.

EDCI 5099. Queer Studies in Education. 3 Credits.
Designed for educators, administrators, school staff, counselors, and others interested in queer issues in education. Cover 4 topics: history of LGBTQIA+ people & topics in US education; including LGBTQIA+ people and issues in curriculum, policies, and other school material; using a queer pedagogy framework to rethink professional approaches and materials; supporting LGBTQIA+ people in educational settings using the theoretical framework of queer cultural capital.

EDCI 5990. Special Topics. 1-18 Credits.
See Schedule of Course for specific titles.

EDCI 5993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDCI 5994. Teaching Assistantship. 1-3 Credits.
Student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

EDCI 6008. Curriculum Theory. 3 Credits.
Explores curriculum theory from a practitioner-oriented perspective and critical stance. Investigates how dominant social, political, and economic ideologies influence teaching and learning priorities. Aims to unsettle dominant curricular imaginaries to inquire about what else curriculum might be and become. Engage curriculum theories practiced and posed by educators, policy makers, scholars, school leaders, and youth leaders.

EDCI 6009. Critical Pedagogies. 3 Credits.
Explores the philosophical and sociological underpinnings of various critical social, decolonial, and anticolonial theories and how they have contributed to educators' pedagogical practice. Course themes include: education as the practice of freedom, the theorization of criticality and critical social theory, critical pedagogies in practice, and youth influence on critical pedagogical practices.

EDCI 6310. Society, Stress and the Brain. 3 Credits.
Explores brain development and the learning process under complex social conditions such as poverty, instability, and fear. Students study the effects of stress on learning and consider methods of instruction and interaction that address developmental needs of children and families from diverse contexts.

EDCI 6391. Master's Thesis Research. 1-18 Credits.
Thesis topic must be approved by a faculty committee. Credit as arranged.

EDCI 6990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

EDCI 6991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

EDCI 6993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDCI 6995. Graduate Independent Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

Environmental and Sustainability Education Courses

EDES 5990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

EDES 5991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

EDES 5993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDES 5994. Teaching Assistantship. 1-3 Credits.
Student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

EDES 5995. Research. 1-18 Credits.
Student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDES 6391. Master's Thesis Research. 1-18 Credits.
Research for Master?s Thesis.

EDES 6990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

EDES 6991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

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Library Science Courses

EDLI 6710. Children's/YA Literature. 3 Credits.
Designed as a survey of the context and merit of children's and young adult literature, that is, books written for and read by readers from ages Pre K-Grade 12.

EDLI 6720. Manage Schl Library Media Ctrs. 3 Credits.
Examines the fundamental principles and issues of school librarianship in contemporary educational communities. Overview of administrative issues, including development of policies and procedures, budget preparation, personnel administration, and public relations.

EDLI 6730. Dev/Org Schl Libr Collections. 3 Credits.
Principles for developing and organizing physical and virtual library collections, including evaluation, selection, and acquisition of resources appropriate for students, staff and other patrons; methods used to access library collections, standard cataloging practices, and selection of integrated library systems (ILS). Prerequisite: EDLI 6720 or other EDLI course with Instructor permission.

EDLI 6740. Design Learning in Libr/Med Ct. 3 Credits.
Explores theories and best practice for teaching and learning in today's library/media learning centers. It also examines the school librarians role as teacher and instructional collaborator with an emphasis on curriculum design, inquiry learning, and information literacy standards.

EDLI 6760. Information Sources & Services. 3 Credits.
Focuses on the librarian's role in curating, using, teaching, evaluating, and providing service with multimedia reference materials for the physical and virtual library learning spaces to meet the needs of a diverse learning community.

EDLI 6770. Info Tech Schl Libr Media Ctrs. 3 Credits.
Designed to provide both a theoretical and a pragmatic understanding of information technology in the modern school library with a focus on the integration of technology within teaching and learning.

EDLI 6990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

EDLI 6993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

Literacy Courses

EDLT 5220. Cltvate Chil Lit in El/Mid Sch. 3 Credits.
Contemporary research and practice related to the development of strategic, motivated, and independent readers and writers. Emphasis on integrating reading and writing within collaborative environments. Prerequisite: Twelve hours in education and/or related areas including an introductory course in reading; or Instructor permission.

EDLT 5360. Culturally Responsive Lit. 3 Credits.
Explore a variety of topics related to representation and diversity in the broad field of literacy and children's literature. Students will further develop their understanding of the role that culturally responsive approaches to literacy and children's/adolescent literature selection can play in multicultural and social justice education.

EDLT 6391. Master's Thesis Research. 1-18 Credits.
Research for the Master's Thesis.

EDLT 6750. Lit Assmt:Understand Indiv Dif. 3 Credits.
Designing and using assessment strategies to improve and adapt instruction. Identify, evaluate, and document literacy development, emphasizing students at risk of reading failure. Prerequisite: EDLT 5220 or Instructor permission.

EDLT 6760. Lit Instruct/Interv Practicum. 3-6 Credits.
Approaches for instruction, prevention, intervention of reading and written language skills. Supervised teaching of individuals and/or small groups experiencing reading and language problems. Apprenticeships in reading instructional program. Pre/co-requisite: Three graduate credits in Reading/Language Arts or Instructor permission.

EDLT 6770. Literacy Leadership. 3 Credits.
Addresses the essential elements and dispositions of being a literacy leader in a K-12 education setting. Topics include: creating, maintaining and improving literacy systems, literacy coaching, understanding the role of assessment as well as supporting literacy instruction and systems that promote equitable access to literacy learning for all students.

EDLT 6850. Critical Issues in Lang&Litrcy. 3 Credits.
Explores the relationships between language and literacy and cultural-linguistic influences on langauge/literacy development. Topics include phonemic awareness, phonics instruction, fluency, comprehension, spelling and writing. Pre/co-requisites: EDLT 5220; nine graduate credits in related areas; Instructor permission.

EDLT 6990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific title.

EDLT 6991. Internship for Spec Pers in Ed. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

EDLT 6993. Independent Study. 1-18 Credits.
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