

**598A01 PROFESSIONAL PRACTICE IN TEACHER PREPARATION****1-12 sem. hrs.**

Refer to Index for General Courses. Provides doctoral students with an opportunity to integrate academic coursework with role expectations of professional personnel. Prerequisite: Admission to Doctoral Program in Special Education.

**598A02 PROFESSIONAL PRACTICE IN APPLIED RESEARCH****1-12 sem. hrs.**

Refer to Index for General Courses. Provides doctoral students with an opportunity to integrate academic coursework with role expectations of professional personnel. Prerequisite: Admission to Doctoral Program in Special Education.

**598A03 PROFESSIONAL PRACTICE IN PROGRAM ADMINISTRATION****1-12 sem. hrs.**

Refer to Index for General Courses. Provides doctoral and Director of Special Education students with an opportunity to integrate academic coursework with role expectations of professional personnel. Students to enroll in 2 credit hours of 598A03 per project to be completed in a semester. Prerequisite: Admission to Director of Special Education certificate or doctoral Program in Special Education.

**599 DOCTORAL RESEARCH****1-15 sem. hrs.**

Refer to Index for General Courses. Research relating to research requirements for Doctor of Education degrees. Approval of the chairperson of the department of the program in which the student is enrolled is required.

**TEACHING AND LEARNING (TCH)****232 DeGarmo Hall, (309) 438-5425****Education.IllinoisState.edu/TCH****Director:** Linda Haling.**Graduate Program Coordinator:** Ryan Brown.

**Graduate Faculty:** Al-Bataineh, Arias, Bates, Beucher, Brown, Crumpler, Haling, Handsfield, Hatch, Horn, Hunt, Hurd, Husband, Jadallah, Kang, Kline, Latham, Lee, Lin, Lorsbach, Lucey, MacPhee, Mertens, A. Meyer, B. Meyer, Mikulec, Miller, Morey, Osorio, Pacheco, Park, Percell, Quesenberry, Sanden, Seglem, Skinner, Smith, Weibacher, White, Williams.

**Programs Offered**

M.S. in Teaching and Learning, M.S.Ed. in Reading, Ed.D. in Teaching and Learning, and Post-Baccalaureate Graduate Certificate in School Librarianship

All master's degree programs require a minimum of 50 percent of the non-thesis credit hours applied to the degree to be 400-level courses or above.

**Program Requirements****M.S. in Teaching and Learning Program Requirements**

The M.S. in Teaching and Learning requires either a thesis option or a culminating research experience option. This 30 hour program requires:

- 15 hours: TCH 407, 409, 411, 478; EAF 410
- 9 hours of an area of concentration designed with an advisor
- 6 hours of research experience: Either TCH 481 and TCH 482 or 6 hours TCH 499

**M.S. in Instructional Technology and Design**

This program is currently not accepting applications.

**M.S. Ed. in Reading Program Requirements**

This 36 hour degree program requires:

- 27 hours: TCH 452, 462, 463, 464, 465, 466, 467, 471, 474
- 6 hours of professional research experience: TCH 468 and 469
- 3 hours of electives

## **Doctor of Education in Teaching and Learning (Ed.D.)**

### **Program Requirements**

This 66 hour degree requires:

- 15 hours: TCH 501, 562, 576, 407, 580
- 6 hours of educational foundations: courses selected to support the area of concentration
- 15 hours: of an area of concentration: courses selected with the assistance of an advisor based on student area of interest
- 3 hours of practicum: TCH 598
- 12 hours of research methods: Courses generally include TCH 575, 595 and other research methodology courses from TCH or from other departments on campus
- 15 hours of dissertation research
- A passed doctoral examination

Scholarly Development Requirement (in lieu of Residency Requirement): A doctoral student is expected to work with one or more faculty scholar-mentors to demonstrate scholarly development as a joint or single author. This demonstration is to be completed after 18 semester hours of coursework and prior to undertaking the comprehensive doctoral examination. The demonstration of scholarly development may take the form of, but is not limited to, one of the following: prepare and submit a manuscript for publication; prepare and deliver a conference paper or presentation or prepare and submit a grant proposal for funding. Such scholarly work should be directed to at least a statewide audience.

### **Endorsing Teaching Certificates**

#### **Reading Teacher**

The Illinois State Board of Education has identified six areas of study required of all teachers whose major teaching assignment is reading. All teachers assigned departmentalized responsibility in reading or language arts must meet this 24 semester hour requirement. The M.S.Ed. in Reading Program offers all coursework leading to the endorsement of a reading teacher.

#### **Reading Specialist**

Coursework leading to the Reading Specialist is offered in the M.S.Ed. in Reading Program. The program leading to the K-12 Reading Specialist Certificate requires the completion of 36 semester hours in reading and related educational areas. Students working on the Reading Specialist must first have a current teaching

certificate. Other requirements, including any tests required for certification, can be found at the Teaching and Learning website.

### **Post-Baccalaureate Graduate Certificate in School Librarianship**

The Post-Baccalaureate Graduate Certificate in School Librarianship provides 24 hours of coursework that prepares teachers to work in school libraries. The program is available to certified teachers and to students who have completed the bachelor's degree and are working on their initial certification. It is designed to help students receive endorsement as Library Information Specialist and to pass the Illinois content area examination. The course of study requires satisfactory completion of the following courses: TCH 414 (within the first two semesters of enrollment), 416, 440, 442, 444, 445, either 449 or 454, and three more elective credit hours in library science-related courses. Some of these courses may apply as electives to a degree program. Information on admission is available from the School of Teaching and Learning.

### **Teaching and Learning Courses**

#### **319 STUDY OF BILINGUAL/BICULTURAL EDUCATION**

**3 sem. hrs.**

Theory, research, and practice in bilingual/bicultural education. Prerequisite: Bilingual major or minor only and a minimum of 45 hours completed.

#### **320 ASSESSMENT OF BILINGUAL LEARNERS AND BILINGUAL PROGRAM DESIGN**

**3 sem. hrs.**

Focuses on the assessment of bilingual learners and the design of language programs for bilingual students. Formerly BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION. Prerequisites: Teacher Education program and TCH 248 or 319.

#### **321 METHODS AND MATERIALS FOR BILINGUAL AND ENGLISH LANGUAGE LEARNERS**

**3 sem. hrs.**

Survey of methods and development of materials for teaching bilingual/bicultural and English language learners. Formerly BILINGUAL/BICULTURAL METHODS AND MATERIALS. Prerequisite: Teacher Education program.

#### **334 ENGLISH LEARNERS IN THE MIDDLE LEVEL CLASSROOM**

**3 sem. hrs.**

This course provides methods and materials of teaching English Learners at the middle grade level. Includes clinical experience: 10 hours. Prerequisites: Middle Level Teacher Education majors only; TCH 130.

**401 INTRODUCTION TO EDUCATIONAL TECHNOLOGIES****3 sem. hrs.**

Applications of technology to theories of learning and methods of instruction. Evaluating and utilizing technologies to facilitate classroom instruction.

**402 REFLECTIVE TEACHING PRACTICE****3 sem. hrs.**

The study of the relationship between teacher reflection, planning, decision-making, and teaching practice.

**407 LEARNING IN EDUCATIONAL SETTINGS****3 sem. hrs.**

The study of classroom learning and assessment.

**409 STUDENT DIVERSITY AND EDUCATIONAL PRACTICES****3 sem. hrs.**

Examination of the student diversities found in classrooms and the impact of diverse learners on curricular and instructional practices.

**410 EMERGING EDUCATIONAL TECHNOLOGIES****3 sem. hrs.**

Investigation, analysis, evaluation, and application of emerging and future technologies in K-20 educational settings. Prerequisite: TCH 401 or consent of the instructor.

**411 CURRICULUM****3 sem. hrs.**

The study of curriculum models, planning, and evaluation.

**414 INTRODUCTION TO SCHOOL LIBRARIANSHIP****3 sem. hrs.**

Explores the roles of the school librarian in management, collaboration, instruction, and collection development. Prerequisite: Licensed teachers or consent of the instructor.

**416 TECHNOLOGY AND THE SCHOOL LIBRARY****3 sem. hrs.**

Technology skills, planning, implementation and instruction in the school library, including bibliographic systems, district technology plans, and best practices for collaboration and instruction. Prerequisite: Licensed teachers or consent of the instructor.

**421 FUNCTIONS OF THE MIDDLE SCHOOL****3 sem. hrs.**

Study of the classical functions of early adolescent education and the relationship of these functions to contemporary institutional/instructional settings.

**423 DEVELOPMENTAL ISSUES IN EARLY ADOLESCENT EDUCATION****3 sem. hrs.**

Examination of developmental patterns and issues in the education of early adolescents in middle level schools.

**430 INSTRUCTIONAL TECHNOLOGY IN EDUCATIONAL SETTINGS****3 sem. hrs.**

Application of the principles of systematic instructional design to the development of technology-enabled learning systems. Development of technology-based learning assets aligned to both technology and content standards to support and extend the educational outcomes of such systems. Formerly EDUCATIONAL TECHNOLOGY IN THE CONTENT AREAS. Prerequisite: TCH 401.

**432 TECHNOLOGY ACROSS THE DISCIPLINES****3 sem. hrs.**

Focuses on issues, concerns, and usage of technologies in educational settings for communication, collection, creation, collaboration, and contribution. Formerly DESIGNING TECHNOLOGY-INFUSED INSTRUCTION FOR K-12 CLASSROOMS. Prerequisite: TCH 401 or consent of the instructor.

**438 E-LEARNING IN THE PK-20 CLASSROOM****3 sem. hrs.**

Examines the historical, conceptual, theoretical, and practical issues of distance teaching and learning. Provides an opportunity to design, deliver, and evaluate curricula for web-based learning. Prerequisite: TCH 401 or consent of the instructor.

**440 MANAGEMENT OF SCHOOL LIBRARY MEDIA PROGRAMS****3 sem. hrs.**

Administration and leadership of school libraries including planning for integration into the curriculum, supervision, assessment, budgeting, collaboration with administration and teachers. Prerequisite: Licensed teacher or consent of the instructor.

**442 ORGANIZATION AND ACCESS TO INFORMATION IN THE SCHOOL LIBRARY****3 sem. hrs.**

Organizing and making information accessible through classification, technology, knowledge of legal and professional guidelines, facilities planning, and policy information. Prerequisite: Licensed teacher or consent of the instructor.

**443 ADVANCED TOPICS IN CURRICULUM AND INSTRUCTION****3 sem. hrs.**

Advanced graduate study of curricular and instructional topics. Multiple enrollments allowed if topic is different for a maximum of 9 hours.

**444 REFERENCE AND INFORMATION SERVICES****3 sem. hrs.**

Provision of assistance in finding, evaluating, and using information, with emphasis on the knowledge and use of print and online reference sources. Prerequisite: Certified teacher or consent of the instructor.

**445 INFORMATION LITERACY INSTRUCTION FOR SCHOOL LIBRARIES****3 sem. hrs.**

Integration of school libraries into the curriculum with librarians as teachers, advocates, and collaborators in implementing information literacy instruction. Prerequisite: Certified elementary, middle, or high school teacher, or consent of the instructor.

**446 HISTORICAL AND PHILOSOPHICAL CONTEXTS FOR CURRENT ISSUES IN EARLY CHILDHOOD EDUCATION****3 sem. hrs.**

Study and analysis of historical and philosophical contexts for current issues in early childhood. Prerequisite: Admission to graduate school at Illinois State University.

**449 SELECTION AND USE OF MATERIALS IN THE ELEMENTARY SCHOOL LIBRARY****3 sem. hrs.**

Collection development of print and nonprint materials, grades K-8. Emphasis on age-appropriate materials supporting school curriculum and student learning. Prerequisite: Licensed teacher or consent of the instructor.

**450 CURRICULUM IN SCIENCE EDUCATION****3 sem. hrs.**

An historical review of science education curricula and analysis of contemporary standards-based curricula.

**451 RECENT RESEARCH IN SCIENCE EDUCATION****3 sem. hrs.**

Review and critical analysis of research in science education. Application of research for reflection and improvement of practices in science education.

**452 WRITING IN THE K-12 CLASSROOM****3 sem. hrs.**

Theory and practice combine to engage teachers as writers. Candidates will examine writing and apply this process to classroom practices. Formerly TCH 493A03.

**453 INSTRUCTIONAL STRATEGIES FOR SCHOOL SCIENCE****3 sem. hrs.**

Analysis and application of current theory and research to the design and delivery of science instructional strategies.

**454 SELECTION AND USE OF MATERIALS IN THE SECONDARY SCHOOL LIBRARY****3 sem. hrs.**

Collection development of print and nonprint materials, grades 6-12. Emphasis on age-appropriate materials supporting school curriculum and student learning. Prerequisite: Licensed teacher or consent of the instructor.

**461 LITERACY LEARNING IN A DIGITAL WORLD****3 sem. hrs.**

Study of recent research in literacy learning, emphasizing technology and digital literacies for the improvement of literacy instruction. Formerly RECENT RESEARCH IN LITERACY LEARNING.

**462 CONNECTING LITERACY THEORY, RESEARCH AND PRACTICE****3 sem. hrs.**

Theoretical bases for reading instruction and the relationship between theory and practice as it relates to the teaching of reading.

**463 CLASSROOM BASED ASSESSMENT AND EVALUATION FOR DIAGNOSIS AND INSTRUCTION****3 sem. hrs.**

Evaluation of literacy learning using authentic assessments, standardized tests, observations and portfolios. Field experiences required. Formerly ASSESSMENT OF LITERACY LEARNING. Prerequisite: TCH 462 is recommended.

**464 DEVELOPMENTALLY APPROPRIATE STRATEGIES, MATERIALS AND RESOURCES IN LITERACY****3 sem. hrs.**

The curriculum organization, instructional materials, and instructional strategies for language arts programs.

**465 CONTENT AREA LITERACY****3 sem. hrs.**

Strategies and materials designed to provide content area literacy instruction. Field experiences required.

**466 EVALUATION AND LEADERSHIP IN LITERACY****3 sem. hrs.**

Designed for reading specialists to serve as change agents of literacy instruction in the school district. Prerequisites: TCH 462 and 12 hours graduate credit in Reading.

**467 READING PROCESS AND INSTRUCTIONAL STRATEGIES****3 sem. hrs.**

Advanced study of miscue analysis for assessing strategies of ineffective readers; includes development of instruction to support less proficient readers. Field experiences are required. Formerly ADVANCED LITERACY ASSESSMENT AND INSTRUCTIONAL STRATEGIES. Prerequisites: TCH 462 and 463.

**468 PROFESSIONAL RESEARCH IN LITERACY LEARNING I****3 sem. hrs.**

Design and implementation of curricular and instructional change in literacy learning in an educational setting. Prerequisites: Completion of 27 hours in the Reading Program and consent of the Reading Program Coordinator.

**469 PROFESSIONAL RESEARCH IN LITERACY LEARNING II****3 sem. hrs.**

Implementation of curricular and instructional change in literacy learning in an educational setting. Prerequisite: TCH 468.

**470 SEMINAR IN LITERACY****1-3 sem. hrs.**

Analysis of current literacy learning practices, trends, and issues. Multiple enrollments allowed if content is different.

**470A01 SEMINAR IN LITERACY: READER RESPONSE IN THE CLASSROOM****3 sem. hrs.**

Analysis of current literacy learning practices, trends, and issues.

**471 SOCIAL AND CULTURAL CONTEXTS FOR LANGUAGE AND LITERACY****3 sem. hrs.**

Examines theoretical, pedagogical and research issues in community family literacy with emphasis on cultural contexts and multiliteracies. Formerly SEMINAR OF FAMILY LITERACY.

**473 SUPPORTING PRACTICING TEACHERS: EFFECTIVE MENTORING, COACHING, AND PROFESSIONAL DEVELOPMENT STRATEGIES****3 sem. hrs.**

Provides practicing teachers with effective coaching, mentoring, and professional development strategies to be used with a range of mentees. Formerly MENTORING STUDENT TEACHERS.

**474 READING LITERATURE WITH CHILDREN IN THE CLASSROOM****3 sem. hrs.**

Analysis of students' responses to text as well as the exploration of diverse literature and instructional implications across all grades.

**478 EVALUATING STUDENT PERFORMANCE****3 sem. hrs.**

Examination of the theory and practice of student evaluation. Communicating student achievement and the use of assessments as decision-making tools.

**481 PROFESSIONAL RESEARCH****3 sem. hrs.**

Study of teacher-initiated research and design of a curricular or instructional research project in an educational setting. Prerequisites: TCH 407, 409, 411; and EAF 410.

**482 PROFESSIONAL RESEARCH II****3 sem. hrs.**

Conduct and present a curricular or instructional research project in an educational setting. Prerequisite: TCH 481.

**491 INTERNSHIP IN COLLEGE TEACHING****3 sem. hrs.**

Observation and teaching in the student's major area, with other experiences appropriate to academic involvement at the college level. Offered in cooperation and with the approval of the student's major department. Prerequisite: Graduate standing.

**499 MASTER'S THESIS****1-6 sem. hrs.**

Refer to the Index for General Courses.

**501 INTRODUCTION TO DOCTORAL SCHOLARSHIP****3 sem. hrs.**

Introduction to academic scholarship and doctoral studies, exploration of faculty research, and orientation to expectations of doctoral studies. Prerequisite: Admission to Teaching and Learning doctoral program or consent of the instructor.

**562 FOUNDATIONS OF TEACHER EDUCATION**  
**3 sem. hrs.**

This course focuses on critical examinations of professional development, current foundational research, current practices, reform efforts, and evaluation of teachers. Prerequisite: Admission to Teaching and Learning doctoral program or consent of the instructor.

**563 CRITICAL ISSUES IN TEACHER EDUCATION**  
**3 sem. hrs.**

Analysis of curricular debates within teacher education, emphasizing the relationship of current mandates to the larger purposes of teacher preparation. Prerequisite: TCH 562 or consent of the instructor.

**564 ASSESSMENT IN TEACHER EDUCATION**  
**3 sem. hrs.**

Inquiry into recent research in assessment and relationships among new views of knowledge, teacher learning, and assessment of teachers. Prerequisite: TCH 562 or consent of the instructor.

**575 INSTRUCTIONAL RESEARCH**  
**3 sem. hrs.**

Alternative modes of research and their application in resolving problems of instructional practice. Meta-analysis of major research paradigms.

**576 CONTEMPORARY CURRICULUM THEORY AND DESIGN**  
**3 sem. hrs.**

Examination of forces influencing curriculum improvement. Focuses on analysis of curriculum and application of principles for resolution of curriculum problems.

**579 CRITICAL PERSPECTIVES ON TECHNOLOGY-BASED LEARNING**  
**3 sem. hrs.**

Examination of the perspectives, theoretical foundations, and techniques of educational technology, and integration of technology into the curriculum. Formerly EDUCATIONAL TECHNOLOGY.

**580 CRITICAL STUDIES IN DIVERSITY AND EDUCATION**  
**3 sem. hrs.**

Analysis and interpretation of critical theories, research, and approaches to understanding issues of student and community diversity affecting schools. Prerequisite: Admission to Teaching and Learning doctoral program or consent of the instructor.

**595 RESEARCH SEMINAR IN EDUCATION**  
**3 sem. hrs.**

Study of specialized research methods, tools, and techniques. Emphasis on dissertation research design. Multiple enrollments allowed if content is different. Prerequisites: TCH 575 and consent of the instructor.

**598 PROFESSIONAL PRACTICE/INTERNSHIP**  
**1-12 sem. hrs.**

Refer to the Index for General Courses. Professional Practice provides for the integration of academic content materials with the role expectations of professional personnel.

**599 DOCTORAL RESEARCH**  
**1-15 sem. hrs.**

Refer to the Index for General Courses. Research relating to requirements for the Doctor of Education degree. Prerequisite: Consent of the program coordinator.

**599A90 DISSERTATION RESEARCH FINAL TERM**  
**1 sem. hr.**

Refer to the Index for General Courses.