Proposal to change curriculum for PhD in Teacher Education and Learning Sciences

Rationale and Background

Currently, the TELS PhD admits students to the PhD program *only if they have earned a Master's degree*. Considering strong PhD program applicants who do not hold graduate degrees would complement other doctoral program recruitment initiatives by increasing the pool of prospective doctoral applicants and help competitive students to choose NC State over other schools that have accepted them as doctoral students. Admitting students without prior graduate work requires a small adjustment in our current curriculum, which now requires 60 credits of coursework and assumes 12 credits applied from a Masters degree to the 72-hour doctoral credit hour requirement.

Changes

The only change to our curriculum would be to allow for the 12-hour credit differential to be fulfilled by coursework at NC State while the student is enrolled in the doctoral program. The content of these 12 hours would be determined on an individual student basis. A non-exhaustive list of potential courses and course categories are listed on page 2.

Our curriculum is represented by the table below. The only addition to the currently-accepted curriculum is the highlighted statement after the asterisk.

PhD in Teacher Education and Learning Sciences
Sample Curriculum Display
TOTAL HOURS = 60 (minimum)
After Master's Degree*

Course Titles & Categories	**Credits**
College of Education Courses	(6)
Scholar Leader 1: Diversity and Equity in Schools and Communities	3
Scholar Leader 2: Systematic Change in Education and Society	3
TELS Core Courses	(6)
Seminar in Teacher Education	3
Seminar in Learning Sciences	3
Required Research Methods Courses	(15)
ED 710: Applied Quantitative Methods in Education	3
ED 730: Introduction to Qualitative Research Methods	3
ED 711: Applied Quant Methods 2 *OR* ED 731: Advanced Qual Research & Analysis	3
Two additional advanced research methods courses	6
PAS-specific coursework	24
Dissertation Research	9

*Highly qualified applicants without a Master's degree may be admitted directly into the PhD program, and must meet the requirements of a Master's degree en route. Total hours required for the PhD for these students is 72--the additional 12 hours can be applied to methods or PAS-specific coursework.

Non-Exhaustive List of Potential courses

ED 507 - Principles of Developing and Interpreting Assessment
ED 508 - Exploring Diversity in Classroom and Community
ED 570 - Classroom Action Research
ED 571 - Inquiry and Professional Development
ED 572 - Teacher Leadership
ED 590 - Special Problems in Teaching and Learning
ED 700 - Introduction to Research Design in Education
ED 711 - Applied Quantitative Methods in Education II
ED 712 - Survey Methods in Educational Research
ED 731 - Advanced Qualitative Research and Data Analysis in Education
ED 750 - Mixed Methods Research in Education
ED 795 - Special Topics in Education Research
ECI 500 - Theory and Practice In Teaching Diverse Populations
ECI 501 - Foundations of Curriculum
ECI 502 - Continuous Improvement of School Technology Initiatives
ECI 505 - Issues and Trends in Foreign Language Education: Theory & Practice
ECI 506 - Instructional Technology in Foreign Language Education: Addressing the National
ECI 507 - Social Justice Education
ECI 508 - Teachers as Leaders
ECI 509 - Special Problems in Curriculum and Instruction
ECI 510 - Research Applications In Curriculum and Instruction
ECI 511 - Technology Integration Theory and Practice
ECI 512 - Emerging Technologies for Teaching and Learning
ECI 513 - Teaching and Learning with Digital Video
ECI 514 - Multimedia Design and Applications in Instruction
ECI 515 - Online Collaborations in Education
ECI 516 - Design and Evaluation Of Instructional Materials
ECI 517 - Theoretical Foundations of Advanced Learning Environments
ECI 518 - Digital Learning Program and Staff Development
ECI 519 - Special Problems in Digital Learning and Teaching
ECI 520 - The Teaching Of Composition
ECI 521 - Teaching Literature For Young Adults
ECI 522 - Trends and Issues in English Language Arts Education
ECI 523 - Teacher as Researcher
ECI 524 - Theory and Research in Global Learning
ECI 525 - Contemporary Approaches In the Teaching Of Social Studies
ECI 526 - Theory and Research On Teaching and Learning Social Studies
ECI 528 - Strategies for Teaching English in Secondary Schools
ECI 530 - Social Studies In the Elementary School
ECI 531 - Advanced Writing in Education
ECI 535 - Methods and Materials for Teaching Social Studies in the Middle Grades
ECI 537 - Teaching Children's Literature
ECI 540 - Reading In the Elementary School
ECI 541 - Reading In the Content Areas
ECI 543 - Diagnosis Of Reading Disabilities

ECI 544 - Remediation Of Reading Disabilities
ECI 545 - Theory and Research in Literacy
ECI 546 - New Literacies & Media
ECI 547 - Knowledge Construction: Implications for Multicultural Education
ECI 548 - E-Business Applications in Business and Marketing Education
ECI 549 - Special Problems in Reading
ECI 550 - Foundations Of Middle Years Education
ECI 551 - Teaching/Learning Approaches For Emerging Adolescents
ECI 552 - Program Development & Evaluation in Youth & Family Settings
ECI 553 - Applied Concepts in Child and Youth Development
ECI 554 - Collaborations & Partnerships in Family & Youth Settings
ECI 556 - Organizational Systems in Youth and Family Settings
ECI 557 - Volunteerism in Youth and Family Settings
ECI 560 - Professional Development in Business and Marketing Education
ECI 561 - Curriculum and Instruction in Business and Marketing Education
ECI 562 - Program Management in Business and Marketing Education
ECI 563 - Methods and Materials in Teaching Secondary Social Studies
ECI 566 - Advanced Instructional Strategies in Business and Marketing
ECI 567 - Career and Technical Education Fundamentals and Program Administration
ECI 568 - Designing College and Career Ready Programs
ECI 569 - Special Problems in Business and Marketing Education
ECI 570 - Learning Disabilities
ECI 571 - Methods and Materials In Learning Disabilities
ECI 572 - Resource Teaching In Special Education
ECI 573 - Applied Behavior Analysis & Positive Behavior Intervention and Support in Schools
ECI 574 - Intellectual Disabilities
ECI 575 - Communication Disorders In the Classroom
ECI 576 - Teaching Functional and Life Skills to Students with Disabilities
ECI 577 - Education Of Severely Handicapped
ECI 579 - Organization and Behavioral Management of Inclusive Classrooms
ECI 580 - Transition Program For Students With Mild Disabilities
ECI 581 - Educational Diagnosis and Prescription For Children With Exceptionalities
ECI 583 - Behavior Disorders
ECI 584 - Intervention for Behavior Problems of Students with Disabilities
ECI 585 - Education of Children with Exceptionalities
ECI 603 - Advanced Seminar In Literacy Research
ECI 606 - Seminar on Teacher as Learner: Developmental Theory, Research and Practice
ECI 607 - Advanced Seminar in Multicultural Education
ECI 620 - Special Problems In Curriculum and Instruction
ECI 652 - Field-Based Applications of Digital Learning and Teaching
ECI 681 - Seminar in Special Education Literacy
ECI 682 - Special Ed Seminar in Teaching Numerical Concepts
ECI 683 - Seminar in Special Education Learning Strategies
ECI 700 - Curriculum Theory and Development
ECI 705 - Instructional Coaching and Supervision Of Teachers
ECI 709 - Special Problems In Curriculum and Instruction

ECI 711 - Computer Applications and Curriculum Integration
ECI 714 - Multimedia Design and Applications in Instruction
ECI 715 - Internet Applications and Web Page Design in Instruction
ECI 716 - Design and Evaluation Of Instructional Materials
ECI 717 - Advanced Multimedia Design and Applications in Instruction
ECI 718 - Digital Learning Program and Staff Development
ECI 719 - Special Problems in Digital Learning and Teaching
ECI 720 - The Teaching Of Composition
ECI 727 - Special Problems in Social Studies Education
ECI 729 - Special Problems in English Education
ECI 745 - Literacy Theory and Research
ECI 801 - Seminar In Curriculum and Instruction
ECI 803 - Advanced Seminar In Literacy
ECI 804 - Seminar On Attention Deficit Hyperactivity Disorder, Research and Treatment
ECI 806 - Seminar on Teacher as Learner: Developmental Theory, Research and Practice
ECI 807 - Advanced Seminar in Multicultural Education
ECI 820 - Special Problems In Curriculum and Instruction
EDP 504 - Advanced Educational Psychology
EDP 560 - Educational Testing and Measurement
EDP 575 - Multicultural Lifespan Development
EDP 582 - Adolescent Development
EDP 590 - Special Problems in Educational Psychology
EDP 605 - Special Problems in Educational Psychology
EDP 704 - Theories and Research in Educational Psychology
EDP 723 - Motivation in Education
EDP 750 - Mixed Methods Research in Education
Other courses outside of TELS, including those in the other College of Education programs, in Psychology, Sociology, Computer Science, Humanities, Mathematics, Statistics, History, or other program deemed relevant by the student's advisor

Curriculum changes for PhD in Teacher Education and Learning Sciences

Accepting students in the Educational Psychology PhD program without a Master's degree

North Carolina State University

This request has been reviewed and approved by the appropriate campus committees and authorities.

Endorsed By:

PAOLA SZITAJN 10/24/16

Head, Department/Director of Graduate Program (Printed Name and Signature) Date

Recommended By:

AARON C Clark 10/25/16

Chair, College Graduate Studies Committee (Printed Name and Signature) Date

Endorsed By:

S VASU ELLEN VASU 10-25-16

College Dean (Printed Name and Signature) Date

Recommended By:

Vice Provost, DELTA (if DE degree) (Printed Name and Signature) Date

Approved By:

Dean of the Graduate School (Printed Name and Signature) Date

Recommended By:

Dean's Council (Printed Name and Signature) Date

Approved By:

Executive Vice Chancellor and Provost (Printed Name and Signature) Date

Approved By:

Chancellor (Printed Name and Signature) Date

(revised August 2015)