

# Learning Design & Technology (MS)

## Master of Science Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>		<b>12</b>	
ECI 511	Introduction to Learning Design and Technology		
ECI 515	Cultural Investigations and Technical Representations in Education		
ECI 516	Design and Evaluation Of Instructional Materials		
ECI 517	Theoretical Foundations of Advanced Learning Environments		
<b>Elective Courses</b>		<b>12</b>	
Select a minimum 12 credit hours of the following courses:			
ECI 502	Technology Program Evaluation		
ECI 512	Emerging Technologies for Teaching and Learning		
ECI 513	Video for Teaching and Learning		
ECI 514	Developing and Delivering Online Instruction		
ECI 518	Digital Learning Program and Staff Development		
ECI 519	Special Problems in Learning Design and Technology		
ECI 721	Technology and Informal Learning Environments		
ECI 722	Theory and Research in Distance Education		

**Research Methods / Thesis Courses** 12

Select a minimum 12 credit hours of the following courses:

ECI 510	Research Applications In Curriculum and Instruction
ECI 586	Introduction to Learning Analytics
ECI 587	Machine Learning in Education
ECI 588	Text Mining in Education
ECI 589	Analyzing Learning Networks
ECI 695	Master's Thesis Research
ST 511	Statistical Methods For Researchers I

**Total Hours** 36

## Accelerated Bachelor's/Master's Degree Requirements

The Accelerated Bachelors/Master's (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesis-based Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

### Full Professors

Florence Martin

Kevin M. Oliver

### Associate Professors

Deniz Eseryel

Chu-Jen Huang

## **Assistant Professors**

Shiyan Jiang

Daniela Castellanos Reyes

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## **Practice/Research/Teaching Professors**

Shaun B. Kellogg

Julia O'Neal McKeown

Heather Purichia

Mark Justin Samberg