ED.D. IN APPLIED LEARNING SCIENCES

https://tal.edu.miami.edu/graduate/doctoral/als-edd/index.html

Overview

The 45-credit post-Master's EDD in Applied Learning Sciences prepares students for careers that require expertise in multiple facets of human learning.

Admission Requirements

Admission to all graduate-degree concentrations in the School of Education and Human Development is based on the recommendation of the faculty. Admissions decisions are based on faculty review of the following general requirements that apply to **all** Graduate Programs in the School as well as specific documents listed under each concentration.

Applicants must:

- Graduate Record Exam (GRE) requirements may be waived for applications to Spring 2021 and following, pending final approvals. However, if the GRE is required for admissions, applicants must achieve acceptable scores on the GRE taken within the past five years. International applicants whose native language is not English or applicants whose degrees are from a non-U.S. University must pass the Test of English as a Foreign Language (TOEFL) or International English Language Testing Systems (IELTS) and the GRE;
- provide official transcripts showing completion of a bachelor's degree from an accredited institution and an acceptable undergraduate grade point average. A minimum of 3.0 undergraduate GPA is required. Official transcripts from every institution attended by an applicant, whether or not the applicant completed a degree program at the institution, are required;
- provide official transcripts showing completion of an earned master's degree from an accredited institution and an acceptable master's grade point average. A minimum of 3.0 master GPA is required.
- provide three letters of recommendation that address the issues and meet the criteria established by the program being applied to;
- provide a personal statement that addresses the mission and purpose of the program being applied to;
- resume;
- take part in an admissions interview (required by some programs); and
- exhibit personal and professional experiences and characteristics that are relevant to the profession and/or field and/or degree program for which the application is being submitted.

Doctor of Education (Ed.D.)

In addition to the factors listed as general requirements for all applications to the SEHD's graduate programs, consideration for admission to the Ed.D. program will include the following:

- an earned master's degree is required;
- letters of recommendation should address the applicant's academic potential;
- available student space in the program; and
- admissions interview.

International Applications

All international applications must provide additional information and meet additional requirements as required by the UM Graduate School and the Office of International Student and Scholar Services. For an appropriate link to these requirements, please visit the Graduate School website.

Admission Decision

Once an applicant has been admitted to graduate study, that individual should meet with the faculty advisor who was appointed to serve in that capacity and whose name appears in the admissions letter. This advisor will help the student enroll in courses that are appropriate to the program; to develop and to refine a Program of Study that must be on file in the Office of Graduate Studies by the end of the first academic year of enrollment.

Honor Code/Handbook of Policies and Procedures

The School of Education and Human Development follows the Graduate School's Honor Code. All students are required to review the Graduate Student Honor Code and the School of Education and Human Development's Handbook of Policies and Procedures for Graduate Students and submit the signed Acknowledgement of Receipt located on page 3 by the end of their first semester of enrollment.

Curriculum Requirements

Code	Title	Credit Hours
Cross-Cutting Courses		**9**
The following courses can be taken under any area because of their cross-cutting nature but will be completed just once.		

TAL 704	Introduction to the Learning Sciences	
TAL 709	Applied Learning Sciences Capstone I	
TAL 712	Applied Research and Development in the Learning Sciences - Seminar 2	
Learning		**9**
TAL 600	Human Learning	
TAL 602	Organizational Learning	
TAL 651	Affective, Relational, and Cultural Factors and Processes in Learning	
Design		**6**
TAL 705	Design of online learning environments	
Select 1 course from the following:		
TAL 706	Design of Formal Learning Environments	
TAL 707	Design for workplace related learning	
TAL 708	Design of Out-of-School, Informal Learning	
Assessment		**12**
EPS 624	Essentials of Research in Social and Behavioral Sciences	
or TAL 710	Introduction to Research	
EPS 700	Quantitative Methods I	
EPS 714	Qualitative Methods I	
TAL 652	Assessment of Human and Organizational Learning	
Cognate		**6**
6 credits of coursework in a related cognate must be approved by advisor.		
Electives		**3**
3 credits of elective coursework must be approved by advisor.		
Total Credit Hours		**45**

Sample Plan of Study

This is a sample Plan of Study. Your actual course sequence may vary depending on your previous academic experience as well as current course offerings. Students should meet with their academic advisor each semester to determine the appropriate course selection.

Year One		
Fall		**Credit Hours**
TAL 600	Human Learning	3
TAL 704	Introduction to the Learning Sciences	3
	Credit Hours	**6**
Spring		
TAL 652	Assessment of Human and Organizational Learning	3
TAL 705	Design of online learning environments	3
	Credit Hours	**6**
Summer		
TAL 602	Organizational Learning	3
TAL 707	Design for workplace related learning	3
	Credit Hours	**6**
Year Two		
Fall		
TAL 706	Design of Formal Learning Environments	3
TAL 710	Introduction to Research	3
	Credit Hours	**6**
Spring		
EPS 700	Quantitative Methods I	3
TAL 709	Applied Learning Sciences Capstone I	1
	Credit Hours	**4**

Summer		
TAL 651	Affective, Relational, and Cultural Factors and Processes in Learning	3
TAL 709	Applied Learning Sciences Capstone I	2
TAL 714	Introduction to Qualitative Methods	3
	Credit Hours	**8**
Year Three		
Fall		
TAL 708	Design of Out-of-School, Informal Learning	3
Elective or Credit Transfer		3
	Credit Hours	**6**
Spring		
TAL 712	Applied Research and Development in the Learning Sciences - Seminar 2	1
	Credit Hours	**1**
Summer		
TAL 712	Applied Research and Development in the Learning Sciences - Seminar 2	2
	Credit Hours	**2**
	Total Credit Hours	**45**

Mission

The EDD program in the Applied Learning Sciences will provide people across a broad array of fields with the intellectual tools to (re)think about how they interact with subordinates, trainees, mentees, and students as learners and to (re)think their own roles as being that of a teacher where teachers design, implement, and evaluate the impacts of learning environments for their students.

Student Learning Outcomes

As a result of the EDD program, graduates will:

- **Learning:** Be able to assess learners' initial knowledge as regards to what said learners are supposed to understand;
- **Design:** Be able to design and implement learning environments that will help learners to learn and to understand their intended outcomes; and,
- **Assessment:** Be able to evaluate and modify learning environments against how well learners achieved their own learning outcomes.