

**Introduction to Research I (IDS 3913)**  
**T-L.E.A.R.N.® Program - Fall 2020**  
**Tuesdays, 3:00PM-4:15PM**  
**Meeting in Zoom**

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**Course Description:**

This 1-credit course will introduce T-L.E.A.R.N. students to academic research and prepare them for engagement in undergraduate research as first-year UCF students in STEM and Social Science disciplines.

**Course Requirements:**

Attendance to scheduled class via Zoom is mandatory. IDS 3913 is the foundational class of the T-L.E.A.R.N. program. Students have to participate in and pass this course (C or higher) in order to move into Introduction to Research II (IDS 4914) in the spring term, be eligible for the T-L.E.A.R.N. research funding, and continue their participation in the T-L.E.A.R.N. program.

**Course Objectives:**

At the end of this course, students will be able to

- Learn how to maximize learning by reflecting on their transition
- Develop an understanding for plans post UCF (academic and professional)
- Explore the definition of research across multiple disciplines
- Learn about research in a wide variety of disciplines
- Highlight the basic expectations and requirements of the undergraduate researcher when conducting research with a faculty mentor or in a professional environment
- Know how to contact and secure a faculty mentor for their LEARN research
- Find information sources and determine the differences between primary and secondary literature
- Find literature related and relevant to your research apprenticeship
- Recognize and develop ideas for a research proposal
- Gain knowledge of the opportunities available to undergraduate researchers throughout their career at UCF

Week #1		Introduction to Academic Research
Week #2		Undergraduate Research at UCF Laboratory Safety
Week #3		What is Academic Research? Introduction to UCF Learning Tools
Week #4		Working with Faculty on Research, and Laboratory Etiquette
Week #5		Contacting Faculty, Finding Faculty Mentors and Finding Their Research Literature
Week #6		Dissecting a Research Article and Reading Primary & Secondary Literature
Week #7		Academic Research Presentations: UCF Faculty Highlights
Week #8		Finding, Using, and Synthesizing Research Literature
Week #9		Peer Review, Manuscripts & Grants, OUR Resources
Week #10		Academic Writing, Plagiarism, APA formatting
Week #11		Resumes Re-Reviewed, Cover Letters, and Personal Statements
Week #12		Preparing Today for Tomorrow: Summer Programs, UCF Programs, Internships, and Graduate School  Regroup on Research Plans for LEARN
Week #13		How to be a Good Research Mentee in LEARN and beyond
Week #14		Methodology and Proposal Overview
Week #15		Annotated Bibliography