

Introduction to Research I (IDS 3913)
T-L.E.A.R.N.TM Program - Fall 2018
Thursdays, 3:00PM-4:20PM
Trevor Colbourn Hall, Room 205

Dr. Kimberly Schneider
Assistant Dean, College of Undergraduate
Studies Director, Office of Undergraduate
Research Location: Technology Commons II,
Room 209 Office Hours: By appointment

Mrs. Colleen M. Smith
Coordinator, L.E.A.R.N.[®]
Director, Office of Undergraduate Research
Location: Technology Commons II, Room 209
Office Hours: By appointment and Tuesdays 2PM-4PM

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 Science, Technology, Engineering, and Mathematics (STEM) disciplines.

Course Requirements:

Attendance to scheduled class 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 2018 term, receive the T-L.E.A.R.N. scholarship, 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 STEM 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

	Date	Topic
Week #1	August 24	Introduction to STEM Academic Research
Week #2	August 31	IDP Check-In – Students sign up for 30 minute timeslot <i>University closes at 1PM for home football game</i>
Week #3	September 7	What is Academic Research? Introduction to UCF Learning Tools
Week #4	September 14	Professional Development Part I: Working with Faculty on Research, and Laboratory Etiquette
Week #5	September 21	Professional Development Part II: Contacting Faculty, Finding Faculty Mentors and Finding Their Research Literature
Week #6	September 28	Information Fluency Part I: Dissecting a Research Article and Reading Primary & Secondary Literature
Week #7	October 5	Academic Research Presentations: UCF Faculty Highlights
Week #8	October 12	Information Fluency Part II - Finding, Using, and Synthesizing Research Literature
Week #9	October 19	Information Fluency Part III – Peer Review, Manuscripts & Grants, OUR Resources
Week #10	October 26	Information Fluency Part IV- Scientific Writing, Plagiarism, APA formatting
Week #11	November 2	Professional Development Part III: Resumes Re-Reviewed, Cover Letters, and Personal Statements
Week #12	November 9	Preparing Today for Tomorrow: Summer Programs, UCF Programs, Internships, and Graduate School Regroup on Research Plans for LEARN
Week #13	November 16	How to be a Good Research Mentee in LEARN and beyond
Week #14	November 23	<i>Thanksgiving Break – No Class</i>
Week #15	November 30	Research Skills Part IV: Scientific Process and Proposal Overview

Email Communication

All course communication must come from your Knights email account. Your subject line should include IDS 3913, YOUR NAME, SUBJECT OF EMAIL (i.e., IDS 3913, John Doe, Library Modules Issue). The body of the email should address Mrs. Smith and/or Dr. Schneider, include your message/questions, and signature.

Ethics Statement

As reflected in the UCF creed, integrity and scholarship are core values that should guide our conduct and decisions as members of the UCF community. Plagiarism and cheating contradict these values and are very serious academic offenses. Penalties can include a failing grade in an assignment or in the course, or suspension or expulsion from the university. Students are expected to familiarize themselves with and follow the University's Rules of Conduct (see <http://osc.sdes.ucf.edu/process/roc>).