**Introduction to Research I (IDS 1911)**

**L.E.A.R.N.**® **Program - Fall 2018**

**Thursdays, 11:30AM-1:20PM**

**Hercules Programming Center**

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| Dr. Kimberly Schneider  Assistant Dean, Academic Engagement  Director, Office of Undergraduate Research Location: Trevor Colbourn Hall, Room 205 Office Hours: By appointment | Dr. Mary Tripp  Coordinator, L.E.A.R.N.®  Director, Office of Undergraduate Research  Location: Trevor Colbourn Hall, Room 205  Office Hours: By appointment |
| Justin Gosselin Graduate Teaching Assistant, L.E.A.R.N.® Location: Trevor Colbourn Hall, Room 205 Office Hours: Mondays 12:30PM-2:30PM, Wednesdays 10AM-12PM |  |

**Course Description:**

This one-credit course will introduce L.E.A.R.N. students to academic research and prepare them for engagement in undergraduate research as first-year UCF students. Additionally, the course will assist students in developing and applying strategies for success to appropriately adjust and succeed to the rigorous expectations of college and the academic research culture. There are two parts to the sequence of classes, Introduction to Research I (fall, one credit) are regularly scheduled class meetings and Introduction to Research II (spring, two credits) will have the regularly scheduled class meetings and three-hour weekly research apprenticeship sessions for twelve weeks. The research apprenticeship will begin in the spring semester.

## Course Requirements:

Attendance to both the scheduled class and the apprenticeship is mandatory. IDS 1191 is the foundational class of the 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 in the spring 2019 term (2 credits), receive the L.E.A.R.N. scholarship, and continue their participation in the L.E.A.R.N. program.

## Course Objectives:

## At the end of IDS 1911 students will be able to

* Learn how to maximize learning by reflecting on their transition
* 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
* Discuss and apply research-based success strategies and skills to daily practices as a college student and undergraduate researcher
* 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

**Academic Calendar:**

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|  | **Date** | **Topic** |
| Week #1 | August 23 | Introduction to Academic Research |
| Week #2 | August 30 | Individual Development Plan & major checks – 30 minute planning sessions |
| Week #3 | September 6 | Professional Development Part I: Working with Faculty/Graduate Students & Laboratory Etiquette |
| Week #4 | September 13 | Professional Development Part II: Creating a Research Portfolio - Resumes, Cover Letters, and Personal Statements |
| Week #5 | September 20 | Information Fluency Part I - Dissecting a Research Article and Reading Primary & Secondary Literature |
| Week #6 | September 27 | Information Fluency Part II – Writing as a Researcher |
| Week #7 | October 4 | Information Fluency Part III – Finding Literature and Using Library Resources *Meet at the library* |
| Week #8 | October 11 | Information Fluency Part IV: Scientific Writing, Ethics, Plagiarism, misuse of sources, and APA formatting |
| Week #9 | October 18 | Attend Your Lab Safety Practical |
| Week #10 | October 25 | Research Laboratory Tours - *Meet at the Reflection Pond* |
| Week #11 | November 1 | Professional Development Part III: Your Apprenticeship |
| Week #12 | November 8 | Professional Development Part IV: How to be a Good Research - Mentee & Apprenticeship Assignment |
| Week #13 | November 15 | Graduate Research Mentor Meet & Greet |
| Week #14 | November 22 | *Thanksgiving Break – No Class* |
| Week #15 | November 29 | Scientific Process and Proposal Overview, Summer Programs, UCF Programs, Internships |

\*Slight changes in the schedule might occur. Students will be given advance notice of any changes

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**Email Communication**

All course communication must come from your Knights email account. Your subject line should include IDS 1911, YOUR NAME, SUBJECT OF EMAIL (i.e., IDS 1911, John Doe, Library Modules Issue). The body of the email should address Dr. Tripp, Dr. Schneider, or Mr. Gosselin and include your message/questions, and signature.