# Fau

# FLORIDA ATLANTIC UNIVERSITY

# **NEW COURSE PROPOSAL Undergraduate Programs**

**Department** Undergraduate Studies

College Undergraduate Studies

UUPC Approval
UFS Approval
SCNS Submittal
Confirmed
Banner Posted
Catalog

ONIVERSITI	(To obtain a course number, co	o obtain a course number, contact <b>erudolph@fau.edu</b> )		
Prefix IDS Number	(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)  Lab		<b>Course Title</b> Fundamentals of l	Jndergraduate Research II
3913	Code			
Credits (See Definition of a Credit Hour)  0  Effective Date (TERM & YEAR) Fall 2025  Grading (Select One Option)  Regular  Sat/UnSat		Course Description (Syllabus must be attached; see Template and Guidelines) This course expands upon the topics covered in the Fundamentals of Undergraduate Research I course. Students from the liberal arts build upon the skills relating to the research process and nature of discovery. Students define research topics, formulate research questions, develop research proposals, prepare plan of action, and develop research communication skills.		
Prerequisites, v	vith minimum grade*	Corequisites		stration Controls (Major, le, Level) nission by instructor
*Default minim	um passing grade is D	Preregs., Coregs. & R	Reg. Controls are en	forced for all sections of course
WAC/Gordon Rule Course  Yes  No		Intellectual Foundati (Select One Option) None	ions Program (Gener	al Education) Requirement
WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See WAC Guidelines.		General Education criteria must be indicated in the syllabus and approval attached to the proposal. See <u>Intellectual Foundations Guidelines</u> .		
Ī -	fications to teach cour	se		
Masters degree Faculty Contact/I	Email/Phone	List/Attach comme	ents from denartme	ents affected by new course
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Approved by Department Chair		Digitally signed by Donna Chamely-Wilk, Ph.) DN: cn=Donna Chamely-Wilk, Ph.D., o=Florid University, ou, email=dchamelyefau.edu, c=i Date: 2024.10.21 16:24:07 -04:00'	da Atlantic	Date
College Curriculur	N IA			10/22/2024
College Dean				10/23/2024
UUPC Chair —				
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Email this form and syllabus to <a href="mailto:mjenning@fau.edu">mjenning@fau.edu</a> seven business days before the UUPC meeting.



# IDS 3913: FUNDAMENTALS OF UNDERGRADUATE RESEARCH II

Office of Undergraduate Research & Inquiry: LEARN<sup>TM</sup> Program Spring 2026

0 Credit

Tuesday & Thursday from 2-3:20pm, College of Education, Room 116

Instructor: La	uren Melanson	, M.S.
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Office Location: GS-212F

Office Hours: Monday 1:00pm-3:00pm & Thursday 11:00am-1:00pm (other times available by

appointment through Navigate). Phone Number: 561-297-4878 Email: Imelanson2015@fau.edu

Technology and Video Conferencing Tools: Canvas for assignments and materials

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Peer Mentors:				

# **COURSE DESCRIPTION**

This course expands upon the topics covered in the Fundamentals of Undergraduate Research I course. Students from the liberal arts build upon the skills relating to the research process and nature of discovery. Students define research topics, formulate research questions, develop research proposals, prepare plan of action, and develop research communication skills.

# **COURSE PREREQUISITES**

Instructor permission for registration.

# **COURSE OBJECTIVES**

- 1. Provide students with skill building on the scientific process and nature of discovery
- 2. Develop student's ability to define research topics and formulate research questions

- Provide students with the tools for developing research grant applications/proposals
  and preparing experimental plans, including the ability to plot data, calculate
  correlations, and find published scientific papers using a keyword search
- 4. Develop student's communication and presentation skills for a research poster

Student learning outcomes & relationship to ABET 1-7 objectives:

- 1. Ability to follow scientific process and discovery (1, 6, 7)
- 2. Ability to define research topics, review the literature, and formulate research questions in preparation of an abstract (1,4)
- 3. Ability to prepare a research grant application/proposal with experimental plans within an ethical conduct of research (1,2,3,4,6,7)
- 4. Ability to communicate and make a research poster presentation (3,5)
- 5. Ability to conduct research in a mentored setting (1-7)

# **COURSE DELIVERY MODE**

This is a fully in-person course. You must log into Canvas with your FAU ID and password to access the materials and assignments in this course. If you do not know your FAU ID or Password, please contact OIT for help.

The Canvas platform will be utilized for announcements, assignments, files, grades, etc. We will also post narrated PowerPoint lectures and other files associated with or in place of live lectures, if needed.

\*All homework assignments will be due by <u>11:59AM EST</u> on Mondays unless otherwise stated on the Schedule of Activities below. If you do not name the file correctly (see Fall Week 1 ppt, Assignment Format Slide), you will receive a 0 on the homework assignment.

# **REQUIRED TEXTS & MATERIALS**

None. You will be learning from open-access research publications.

# **MINIMUM TECHNOLOGY & COMPUTER REQUIREMENTS**

# INTERNET CONNECTION

 Recommended: Broadband internet connection with a speed of 4 Mbps (megabits per second) or higher.

- To function properly, Canvas requires a high-speed internet connection (cable modem, DSL, satellite broadband, T1, etc.). The minimum internet connection speed to access Canvas is a consistent 1.5 Mbps or higher.
- Check your Internet speed here.

# **COMPUTER REQUIREMENTS**

Basic Computer Specifications for Canvas
Operating system: Windows 10 or macOS Sierra (or higher). Canvas specifications
Software

- Reliable web browser
  - Recommend Chrome or Firefox
- Canvas through desktop browser or mobile app
  - O Download instructions for iOS device or Android device
- Adobe Reader
- Adobe Flash Player
- Microsoft Suite
- Other software or online databases may be required and will be provided

# MINIMUM TECHNICAL SKILLS REQUIREMENTS

The general and course-specific technical skills you must have to succeed in this course include but are not limited to:

- Accessing the internet
- Using Canvas (including taking quizzes, attaching documents, etc.)
- Checking and using email with attachments
- Creating and submitting files in commonly used word processing program formats such as Microsoft Office Tools
- Downloading and installing software
- Using presentation, graphics, and other programs
- Searching the FAU library and websites
- Participating in live virtual lectures, discussions, and meetings

## **TECHNICAL SUPPORT**

In the online environment, technical issues are always possible (e.g., lost connection, hardware or software failure). Many of these can be resolved relatively quickly, but if you wait until the last minute before due dates, the chances of these glitches affecting your success are greatly increased. Please plan appropriately. If a problem occurs, it is essential you take immediate

action to document the issue so your instructor can verify and take appropriate action to resolve the problem. Most issues in Canvas can be resolved by clicking on the "Help" tab located on the menu bar.

When a problem occurs, click "Help" to:

- Report a Problem
- Live Chat with Canvas Support
- Search Canvas Guides

# **Additional Technical Support**

- 1. Contact the eLearning Success Advisor for assistance: (561) 297-3590
- If you can, make a Print Screen of the monitor when the problem occurs. Save the Print Screen as a .jpg file. If you are unfamiliar with creating a Print Screen file, see <u>Print</u> <u>Screen instructions.</u>
- 3. Complete a <u>Help Desk ticket</u>. Make sure you complete the form entirely and give a full description of your problem so the Help Desk staff will have the pertinent information in order to assist you properly. This includes:
  - a. Select "Canvas (Student)" for the Ticket Type.
  - b. Input the Course ID.
  - c. In the Summary/Additional Details section, include your operating system, Internet browser, and Internet service provider (ISP).
  - d. Attach the Print Screen file, if available.
- 4. Send a message within Canvas to your instructor to notify him/her of the problem. Include all pertinent information of the incident (2b-d above).
- 5. If you do not have access to Canvas, send an email to your instructor with all pertinent information of the incident (2b-d above).
- If you do not have access to a computer, call your instructor with all pertinent information of the incident. If he/she is not available, make sure you leave a detailed message.
- 7. If you do not hear back from the Help Desk or your instructor within a timely manner (48 hours), it is your responsibility to follow up with the appropriate person until you obtain a resolution.

# **COURSE POLICIES**

## **CODE OF ACADEMIC INTEGRITY POLICY STATEMENT**

Students at Florida Atlantic University should endeavor to maintain the highest ethical standards. Academic dishonesty is a serious breach of these ethical standards because it interferes with the University mission to provide a high-quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive to the

university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see <u>University Regulation 4.001</u>.

## **PLAGIARISM**

<u>Plagiarism</u> is unacceptable in the University community. Academic work must be an original work of your own thought, research, or self-expression. When students borrow ideas, wording, or organization from another source, they must acknowledge that fact in an appropriate manner. Plagiarism is the deliberate use and appropriation of another's work without identifying the source and trying to pass off such work as one's own. Any student who fails to give full credit for ideas or materials taken from another has plagiarized. This includes all discussion board posts, journal entries, wikis, and other written and oral presentation assignments. If in doubt, cite your source.

## **AI POLICY**

The use of AI to assist in work assigned in this specific course is permitted only for specific assignments as indicated by the instructor. Use must be properly documented and <u>cited</u> per instructor guidelines.

## ATTENDANCE POLICY

Students are expected to attend all their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. It is imperative that you meet course deadlines and stay active in discussions, TA/Peer Mentor meetings and peer review activities, etc. <a href="https://doi.org/10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.10.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001/jher.1001

Students will not be penalized for absences due to illness, religious observance, and participation in University-approved activities, including athletic or scholastics teams, musical and theatrical performances, and debate activities with proper written documentation. Students must inform the instructor of a planned absence at least 1 week in advance of the absence and within 24 hours of a missed class due to illness. Written documentation must be provided for an excused absence to be approved.

# **LEARN ENGAGEMENT POLICY**

Each LEARN scholar will be required to accumulate six (6) engagement points during the fall semester. A variety of social, academic, and community engagements will be offered for 1 point, 2 points, and 3 points, respectively.

# **NETIQUETTE**

You are welcome to email the instructor or TAs at any time, but please understand that you will only get a response during normal working hours (Mon-Fri 8:00am-5:00pm), unless accommodations have been arranged with the instructor or TAs ahead of time.

Due to the casual communication common in the online environment, students are sometimes tempted to relax their grammar, spelling, and/or professionalism. Please remember that you are adult students and professionals—your communication should be appropriate. For more indepth information, please see the <u>FAU statement on netiquette</u>.

## CLASSROOM ETIQUETTE/DISRUPTIVE BEHAVIOR POLICY STATEMENT

Disruptive behavior is defined in the FAU Student Code of Conduct as "... activities which interfere with the educational mission within classroom." Students who disrupt the educational experiences of other students and/or the instructor's course objectives in a face-to-face or online course are subject to disciplinary action. Such behavior impedes students' ability to learn or an instructor's ability to teach. Disruptive behavior may include but is not limited to non-approved use of electronic devices (including cellular telephones); cursing or shouting at others in such a way as to be disruptive; or, other violations of an instructor's expectations for classroom conduct. For more information, please see the FAU Office of Student Conduct.

# **COMMUNICATION POLICY**

#### **EXPECTATIONS FOR STUDENTS**

#### **Announcements**

Program announcements will be posted to Canvas and/or emailed to all LEARN scholars. You are responsible for reading all announcements posted by the instructor. Check the course announcements each time you log in to Canvas.

## **Email**

It is recommended that you check your FAU email at least three (3) times a week to stay up to date with assignments and announcements. You are responsible for reading all of your course email and responding in a timely manner.

# **In-Class Participation**

Live classes will be held weekly, and you are expected to actively participate. You will also be able to upload documents for in-class activities and peer reviews. <u>Attendance is mandatory</u>. **INSTRUCTOR'S PLAN FOR CLASSROOM RESPONSE TIME & FEEDBACK** 

# **Email Response Policy**

Except for weekends and holidays, the TA/peer mentors and instructor will typically respond to email (Canvas inbox or FAU email) within 48 hours. You should ask your TA/peer mentor or instructor any course-related questions. If you have questions of a personal nature, you should email the instructor or contact FAU's Counseling and Psychological Services office (CAPs).

# **Assignment Feedback Policy**

Typically, the TA/peer mentors or the instructor will provide feedback on submitted

assignments within one week of the submission date. However, some assignments may require a longer review period, which the instructor will communicate to you. If you have a disagreement with how your assignment was graded, you will have 1 week to address the concern with the instructor.

# **Electronic Communication Policy**

In addition to the University's policy, please consider the following:

- Privacy, confidentiality, and security in all electronic communications.
- All electronic communication resources must be used for the course and in alignment with the University mission.
- Prohibited use of false identity, false identity pseudonyms, or anonymous (sender's name or electronic identification is hidden).
- Access without consent.
- Disruption of services including introducing computer contaminants (viruses).
- Harassment of any kind.

Please see the Office of Information Technology's policies on Cyber Security Awareness.

# **SUPPORT SERVICES & ONLINE RESOURCES**

- Office of Undergraduate Research and Inquiry
- Center for eLearning and Student Success
- Counseling and Psychological Services
- FAU Libraries
- Freshmen Academic Advising Services
- Math Learning Center
- Office of Information Technology Helpdesk
- Office of International Programs and Study Abroad
- Student Accessibility Services
- University Center for Excellence in Writing

# **FACULTY RIGHTS & RESPONSIBILITIES**

Florida Atlantic University respects the rights of instructors to teach and students to learn. Maintenance of these rights requires classroom conditions that do not impede their exercise.

To ensure these rights, faculty members have the prerogative to:

- Establish and implement academic standards.
- Establish and enforce reasonable behavior standards in each class.

 Recommend disciplinary action for students whose behavior may be judged as disruptive under the Student Code of Conduct.

# **SELECTED UNIVERSITY & COLLEGE POLICIES**

## **ACCESSIBILITY POLICY STATEMENT**

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations to properly execute coursework due to a disability, must register with Student Accessibility Services (SAS) located in the Boca Raton, Davie, and Jupiter campuses and follow all SAS procedures. For additional information, please consult <u>Student Accessibility Services</u>.

Boca Raton: (561) 297-3880
 Fax: (561) 297-2184, TTY: 711

• **Davie:** (954) 236-1222

Fax: (954) 236-1123, TTY: 711

Jupiter: (561) 799-8721
 Fax: (561) 799-8721, TTY: 711

## **GRADE APPEAL PROCESS**

Contact

You may request a review of the final course grade when you believe that one of the following conditions apply:

- There was a computational or recording error in the grading.
- The grading process used non-academic criteria.
- There was a gross violation of the instructor's own grading system.

Chapter 4 of the University Regulations contains information on the grade appeals process.

## RELIGIOUS ACCOMMODATION POLICY STATEMENT

In accordance with rules of the Florida Board of Education and Florida law, students have the right to reasonable accommodations from the University in order to observe religious practices and beliefs regarding admissions, registration, class attendance, and the scheduling of examinations and work assignments. For further information, please see <u>Academic Policies and Regulations</u>.

## COUNSELING AND PSYCHOLOGICAL SERVICES (CAPS) CENTER

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <a href="http://www.fau.edu/counseling/">http://www.fau.edu/counseling/</a>

# UNIVERSITY APPROVED ABSENCE POLICY STATEMENT

In accordance with rules of the Florida Atlantic University, students have the right to reasonable accommodations to participate in University approved activities, including athletic or scholastics teams, musical and theatrical performances and debate activities. It is your responsibility to notify the instructor at least one week prior to missing any course assignment.

# **DROPS/WITHDRAWALS**

You are responsible for completing the process of dropping or withdrawing from a course by the university approved deadlines. Please consult the <u>FAU Registrar Office</u> for more information on dropping and/or withdrawing from a course.

# COURSE ASSESSMENTS, ASSIGNMENTS & GRADING POLICY

#### **GRADING CRITERIA**

\*All homework assignments will be due by 11:59AM EST on Mondays unless otherwise stated on the Schedule of Activities below. If you do not name the file correctly (see Fall Week 1 ppt, Assignment Format Slide), you will receive a 0 on the homework assignment. It is imperative that you meet course deadlines and stay active in discussions, TA/Peer Mentor meetings and peer review activities, etc. Therefore, a student's final grade will be dropped one letter grade following their third unexcused absences and again following their fifth unexcused absence.

Students will not be penalized for absences due to illness, religious observance, and participation in University-approved activities, including athletic or scholastics teams, musical and theatrical performances, and debate activities with proper written documentation. Students must inform the instructor of a planned absence at least 1 week in advance of the absence and within 24 hours of a missed class due to illness. Written documentation must be provided for an excused absence to be approved.

All homework assignments in this course are to follow the below naming convention:

Format: Last Name. First Name. Assignment Name. Date submitted If a student does not follow this format, the student will receive a 0 for that homework assignment. The instructor will calculate your grade based on the following weighted distribution:

Assessment	<b>Total Points</b>	Percentage (%)
Attendance and Participation	125	38%
<ul> <li>2.5 points for being on time to class</li> </ul>		
<ul> <li>2.5 points for participating in-class discussion</li> </ul>		
Written assignments	80	24%
<ul> <li>Assigned from Week 1 – Week 14</li> </ul>		
Literature Review and Background (LR&B)	65	20%
Assessments	30	9%
Focus Group		
Oral Research Poster Presentation	30	9%
10-minute research poster presentation		
TOTAL:	330	100%
Extra Credit Assignments	20	

# **GRADE SCALE**

Grade	Percentage (%)	Total Course Points
Α	93 – 100%	305-330
A-	90 – 92%	296-304
B+	87 – 89%	286-295
В	83 – 86%	272-285
B-	80 – 82%	263-271
C+	77 – 79%	253-262
С	73 – 76%	239-252
C-	70 – 72%	230-238
D+	67 – 69%	220-229
D	63 – 66%	210-219
D-	60 – 62%	197-209
F	0 – 59%	0-196

An incomplete grade (I) will not be given in lieu of a grade of C or lower.

#### LATE ASSIGNMENTS POLICY

No late assignments will be accepted for a grade, unless approved by the instructor in advance. Therefore, a late assignment will not be graded for points; however, the assignment can still receive edits and revisions from the teaching assistants or instructor.

# MAKE-UP POLICY FOR EXCUSED ABSENCES

If approved for an excused absence (see Attendance Policy section above), you will be required to make up all missed assignments and activities for the attendance points. For the participation points, the student will need to attend an approved seminar and write a seminar summary including the following information:

- 1. Your complete name:
- 2. Date and location of seminar
- 3. Title of the seminar and name, title, and affiliation of presenter
- 4. Summary of the talk should include:
  - a. What is the main question, hypothesis or objective of the research?
  - b. Why is this research important or relevant to society?
  - c. Briefly describe the methodology used by the researcher to address the research question.
  - d. Explain the results and whether the results addressed or answered the initial research question/supported hypothesis.
  - e. What was the conclusion of the study?
  - f. Brainstorm future studies that you think could be done to continue this line of research.

Homework deadlines will not be changed for an excused absence, unless approved by the instructor in advance.

#### **INCOMPLETE GRADE POLICY**

The University policy states that a student who is passing a course but has not completed all work due to exceptional circumstances, may, with consent of the instructor, temporarily receive a grade of incomplete ("I"). The assignment of the "I" grade is at the discretion of the instructor but is allowed only if the student is passing the course. A request for an incomplete grade must be made in writing with supporting documentation.

The instructor reserves the right to adjust this syllabus, as necessary.

# **Schedule of Activities**

Week	Date	Activity	Homework	<b>Due Date</b>
Week 1	Jan 9 TUES	<ol> <li>Syllabus</li> <li>Spring Expectations</li> <li>Schedule of Activities</li> <li>Mentor Check-in</li> <li>FURC Discussion</li> </ol> (Attendance/Participation 5pts)	<ol> <li>HW1: Mentor-Mentee Agreement (5 pts)</li> <li>HW2: Screenshot of recent Spring 2022 conversation with research mentor (5 pts)</li> </ol>	Mon, Jan 15 at 11:59am in Canvas
	Jan 11	1. Introduce Literature Review & Background (LR&B) 2. Checklist and Rubric 3. LR&B Sample Review in class activity	HW3: Updated Annotated Bibliography (10 points)	Mon, Feb 5 at 11:59am in Canvas
	THUR	4. Annotated Bibliography  (Attendance/Participation 5pts)	HW4: 1st Draft LR&B and references section (10 points)	Mon, Feb 12 at 11:59am in Canvas
	Jan 16 TUES	<ol> <li>Outlining a LR&amp;B</li> <li>Outlining your LR&amp;B</li> <li>(Attendance/Participation 5pts)</li> </ol>	1. <b>HW5</b> : LR&B Outline Worksheet (10 points)	Mon, Jan
Week 2	Jan 18 THUR	<ol> <li>Research objectives</li> <li>Constructing a testable hypothesis/research question</li> <li>(Attendance/Participation 5pts)</li> </ol>	1. HW6: In consultation with your faculty mentor, construct a hypothesis/research question that will drive your research (inperson or remote/virtual). Upload a Word document with your draft hypothesis/research question. (5 points)	22 at 11:59am in Canvas
Week 3	Jan 23 TUES	<ol> <li>Peer review of HW5: LR&amp;B         Outline Worksheet</li> <li>Peer review of HW6:         Hypothesis/research         question         (Attendance/Participation 5pts)</li> </ol>	HW7: Revised hypothesis/research question (5 points)	Fri, Feb 2 at 11:59am in Canvas
week 3	Jan 25 THUR	<ol> <li>UGR grant application details</li> <li>Undergraduate Symposium</li> <li>(Attendance/Participation 5pts)</li> </ol>	<ol> <li>EC1: Submit an undergraduate research grant (must be approved by your research mentor) (EC 10pts)</li> <li>EC2: Submit an abstract to present your poster at the Undergraduate Symposium (EC 10pts)</li> </ol>	Mon, March 11 at 11:59am in Canvas
Week 4	Jan 30 TUES	<ol> <li>Research design and planning</li> <li>Identifying variables</li> <li>Employing research methodologies</li> <li>(Attendance/Participation 5pts)</li> </ol>	HW8: 1 <sup>st</sup> draft of your proposed research plan, methodology, and anticipated outcomes (10 points)	Mon, Feb 19 at 11:59am in Canvas

	Feb 1 THUR	No live class		
Week 5	Feb 6 TUES	1. Peer Review of HW7: Revised Hypothesis/research question 2. Biweekly research logs (Attendance/Participation 5pts)	EC3: Bi-weekly Research Log (EC 2 points)  **Update and Incorporate your finalized     hypothesis/research question into the 2nd     draft of your LR&B and References Section     (HW10)	Mon, Feb 19 at 11:59am
	Feb 8 THUR	<ol> <li>Articulating results and expected outcomes</li> <li>Data reporting tools (Attendance/Participation 5pts)</li> </ol>		in Canvas
Week 6	Feb 13 TUES	<ol> <li>Communicating research results</li> <li>The research poster</li> <li>Critique poster examples (Attendance/Participation 5pts)</li> </ol>	<ol> <li>HW9: 1<sup>st</sup> draft of poster (10 points)</li> <li>HW13: Upload midterm grades (5 points)</li> </ol>	Mon, Feb 26 at 11:59am in Canvas
	Feb 15 THUR	Peer Review of HW4: LR&B     1st Draft  (Attendance/Participation 5pts)	1. <b>HW10</b> : 2 <sup>nd</sup> draft of LR&B (10 points)	Mon, Mar 11 at 11:59am in Canvas
	Feb 16- 17		dergraduate Research Conference (FURC)	
Week 7	Feb 20 TUES	<ol> <li>Discuss Peer Review of HW4: LR&amp;B 1<sup>st</sup> Draft</li> <li>Peer Review of HW8: Research Plan and Methodology (Attendance/Participation 5pts)</li> </ol>	1. <b>EC4</b> : Bi-weekly Research Log (EC 2 points)	Mon, Mar 11 at 11:59am in Canvas
	Feb 22 THUR	Work on <b>HW9 – 13</b> ( <i>No live class</i> )	HW12: Revised research plan, methodology, and anticipated outcomes (10 points)	Thur, Mar 14 at 11:59am in Canvas
Week 8	Feb 27 TUES	<ol> <li>Discuss Peer Review of         HW8: Research Plan and             Methodology     </li> <li>Peer Review of HW9: 1<sup>st</sup>         Draft Poster     </li> <li>(Attendance/Participation 5pts)</li> </ol>	HW14: Final poster with faculty mentor approval (10 points)	Thur, Mar 28 at 11:59am in Canvas
	Feb 29 THUR	<ol> <li>Life After LEARN</li> <li>Getting into Graduate School</li> <li>(Attendance/Participation 5pts)</li> </ol>		
Week 9	Mar 5 TUES	No Class – Spring Break		

	Mar 7 THUR	No Class Spring Break		
Week 10	Mar 12 TUES	Announcements and HW change  (Attendance/Participation 5pts)	3. <b>EC5</b> : Bi-weekly Research Log (EC 2 points)	Mon, Mar 18 at 11:59am in Canvas
	Mar 14 THUR	Practice Poster     Presentations     (Attendance/Participation 5pts)		
	Mar 19 TUES	No class	<ol> <li>HW15: Final draft of LR&amp;B (30 points)</li> <li>HW11: Response to reviewers of LR&amp;B (10 points)</li> </ol>	Mon, Apr
Week 11	Mar 21 THUR	<ol> <li>Peer Review HW10: LR&amp;B with References Section Draft 2</li> <li>Response to Reviewers lecture</li> <li>(Attendance/Participation 5pts)</li> </ol>		15 at 11:59am in Canvas
Week 12	Mar 26 TUES	Practice Poster     Presentations     (Attendance/Participation 5pts)	1. <b>EC6</b> : Bi-weekly Research Log (EC 2 points)	Mon, Apr 1 at 11:59am
	Mar 28 THUR	<ol> <li>Final Poster Presentations (30 points)</li> <li>(Attendance/Participation 5pts)</li> </ol>		in Canvas
Week 13	Apr 2 TUES	<ol> <li>Final Poster Presentations</li> <li>(Attendance/Participation 5pts)</li> </ol>		
week 15	Apr 4 THUR	Meet Lauren in SFC to help set up for Symposium		
Week 14	Apr 9 TUES	No Class	1. <b>EC7</b> : Bi-weekly Research Log (EC 2 points)	Mon, Apr 15 at
	Apr 11 THUR	<ol> <li>Final Poster Presentations</li> <li>(Attendance/Participation 5pts)</li> </ol>		11:59am in Canvas
Reading Days	Apr 23 & 24	Focus group on 4/23 (30 points)     (Attendance/Participation 5pts)		
Final Exams Summer	Apr 25 – May 1			