

### **Undergraduate Research Certificate Fact Sheet for Advisors:**

### What is the Undergraduate Research Certificate?

It is a 12-credit certificate available to undergraduate students to recognize excellence in undergraduate research.

What are the requirements for receiving the Undergraduate Research Certificate?

The requirements include 12 credit hours of specific coursework and a dissemination presentation.

- 1. **Research Intensive:** At least 3 credit hours of Research Intensive coursework and/or Directed Independent Research (or Honors thesis or courses with research compacts)
- 2. **Exposure:** Up to 6 credit hours of IFP or Honors Core coursework from the approved Research Exposure list **HERE**
- 3. **Skill-Building:** Up to 3 credit hours of Research Skill-Building coursework from the approved list **HERE**

#### AND

**4. Dissemination:** Presentation at one of the FAU Undergraduate Research Symposia or an appropriate discipline-specific forum approved by the University Undergraduate Research Committee.

#### **Course type descriptions:**

- Research Intensive Courses: Research intensive or RI is a formal university-wide designation for courses in which undergraduates actively engage in intensive-level research. All RI designated courses can be identified with the "RI" in the title of the course. Updated lists of RI Designated courses can be found HERE.
- **Directed Independent Research**: credit bearing options (zero to four credits) for tracking faculty-mentored research. DIR courses fall within the "900 numbering system").
- Dissemination Presentation: For internal symposia presenters, students will register for a zero credit IDS 4914 "Undergraduate Research Forum" course. There will be separate course sections for students who present at the Boca, Broward, Jupiter symposia, and other research symposia/conferences/exhibitions external to FAU.

#### Other Stipulations:

- Courses with S/U grading may count toward the Certificate with a grade of Satisfactory, but for courses with standard grading, students must complete coursework with a minimum grade of "C" or better.
- A maximum of 3 credits of transfer coursework can be applied to the Certificate.
- Course substitutions will be reviewed by the <u>University Undergraduate Research Curriculum</u> <u>Committee</u> on a case-by-case basis using this <u>form</u>.



# Petition for Waiver or Substitution for Undergraduate Research Certificate Requirements

#### **Undergraduate Research Certificate Substitution/Waiver Form**

NOTE: In addition to filling out this form, you are require to provide a copy of the DARS Undergraduate Research Certificate audit, AND any appropriate documentation to support your petition/waiver. Appropriate documentation could include a course syllabus, research conference agenda, proof of attendance, faculty support letter for DIS, course proposed for substitution, etc. These can be attached at the end of the petition form.



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Hi, Dan. When you submit this form, the owner will see your name and email address.

#### 1. Student Name:

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#### 2. Student Z-Number:

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#### To whom should you recommend the Undergraduate Research Certificate?

• ANY undergraduate student who has taken an RI or DIR course, expressed interest in research or pursuing graduate studies, and wishes to increase the probability of success after graduation.

#### What do students need to know about the benefits of an Undergraduate Research Certificate?

- The Undergraduate Research Certificate appears on a student's transcript so employers and graduate school admission officials will notice our students' skills and achievements.
- Employers and graduate programs seek proof of a student's capabilities to investigate and to solve problems using critical thinking and analytical skills, to work effectively in diverse groups, to write and present effectively, to present and defend recommendations, and to act ethically.
- The Undergraduate Research Certificate can open doors to graduate school acceptance and can provide talking points for students about research projects and accomplishments while attending FAU.



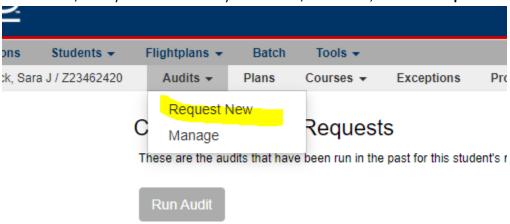
# How do I ensure that the student's academic record reflects the pursuit of the Undergraduate Research Certificate?

• When a student notifies you that they wish to pursue the Undergraduate Research Certificate, you will submit a Plan of Study Change request through OnBase just like any other certificate.

#### How will I know if a student satisfies the criteria for an Undergraduate Research Certificate?

- The standard end-of-semester validation for conferral of the earned credential will be conducted by the student's home college.
- The student's Undergraduate Research Certificate should be conferred upon the student completing their last course applicable to the certificate. The conferral does not need to wait for the student's completion of their undergraduate degree.
- A DARS Audit report is established for advisors and students to run.

In **UAchiev**e, after you have selected your student, click **Audit**, and then **Request New**:





#### Click Select a Different Program:

# Welcome to DARS Self-Service - Request a

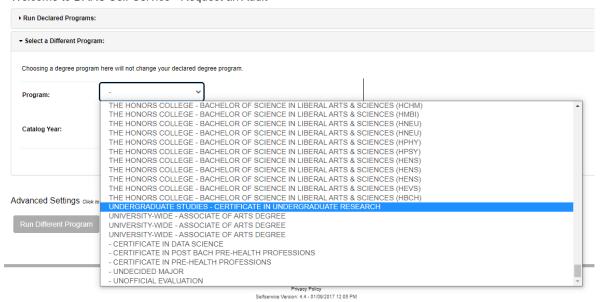


Advanced Settings Click to view available options.

Run Declared Programs Cancel

# Under **Program**, scroll down and select **Undergraduate Studies – Certificate in Undergraduate Research**:

Welcome to DARS Self-Service - Request an Audit



Click Run Different Program:



#### Here is an example audit

#### Undergraduate Research Certificate

Prepared On	11/04/2021 10:25 AM	Program Code	CRT	Catalog Year	Fall 2021
Student ID		<b>Graduation Date</b>		Job ID	202111041025138
Open All Sect	tions 🗈 Close	All Sections			

#### × UNDERGRADUATE RESEARCH CERTIFICATE

EARNED: 8.00 HOURS In-Progress 3.00 HOURS NEEDS: 1.00 HOUR Research Exposure (Up to 6 Credits) 1) 1801 BSC1005L 1.00 CR BIOLOGY (3) EXAMCR : BSC1005L 1808 CHM2045 3.00 A GENERAL CHEMISTRY 1 1808 CHM2045L 1.00 A GENERAL CHEMISTRY 1 LAB Research Skill-Building (Up to 3 Credits) 2) IΡ Research Intensive/DIR 3) Minimum of 3 Credits; Maximun of 12 Credits 2101 CGN4803C RI: CIVIL, ENV & GEO ENG DES 2108 CGN4804C 3.00 - IP RI: CIVIL, ENV & GEO ENG DES \*\*\* 4915 \*\*\* 4916 \* [\*RI:] R Undergraduate Research Forum

#### What do I do with a student who requests a substitution for the requirements above?

- OURI has a substitution <u>form</u> available on the website for students to complete who are requesting alternative credits or other substitutions.
- Course substitutions will be reviewed by the <u>University Undergraduate Research Curriculum</u>
  <u>Committee</u> on a case-by-case basis.

#### Where do we go for questions?

Contact OURI@fau.edu and your College Faculty Liaison with any questions.



## **Research Exposure Approved List**

Course Name	Course Number	Credits
Honors Introduction to Anthropology	ANT 2000	3
Life Science Lab or RI: Life Science Lab	BSC 1005L	1
Contemporary Chemical Issues	CHM 1020C	3
General Chemistry For the Health Sciences	CHM 2032	3
General Chemistry 1	CHM 2045	3
Honors Psychopathology	CLP 4143	3
Principles of Macroeconomics or Principles of Microeconomics	ECO 2013 or ECO 2023	3
Disability and Society	EEX2091	3
Blue Planet	ESC2000	3
Honors 20th Century Europe	EUH 2341	3
Honors Freshman Seminar in History	HIS 1933	3
Honors Ways of Knowing	PHI 2361	3
Honors Privacy	POS 3626	3

## **Research Skill Building Approved List**

College	Course Name	Course Number	Credits
A&L	Archaeological Research Methods	ANT 4116	3
A&L	Research Methods in Bioarchaeology	ANT 4192	3
A&L	Research Methods in Cultural/Social Anthropology	ANT 4495	3
A&L	Architectural Research Methods and Analysis	ARC 3091	3
A&L	Architectural History and Theory 2	ARC 4219	3
A&L	Architectural Design 7	ARC 4327	3
A&L	Architectural Design 8	ARC 4328	3
A&L	Advanced Architectural Design 1	ARC 5328	3
A&L	Topical Design Studio	ARC 5352	3
A&L	Intro to Urban Design	ARC 6305	3



College	Course Name	Course Number	Credits
A&L	Conflict and Communication	COM 3462	3
A&L	Principles of Research Writing	ENC 4138	3
A&L	Research and Bibliographic Methods	FOL 3880	3
A&L	Program Evaluation	PAD 4320	3
A&L	Quantitative Inquiry for Public Managers	PAD 4702	3
A&L	Research Methods for Public Management	PAD 4704	3
A&L	Research Methods in Political Science	POS 3703	3
A&L	Qualitative Research Methods	SYA 4310	3
A&L	Sociological Analysis: Quantitative Methods	SYA 4400	3
BUS	Honors Senior Seminar in Economics	ECO 4935	3
BUS	Operations Management Applications	MAN 4504	3
BUS	Data Management and Analysis with Excel	QMB 3302	3
BUS	Quantitative Methods in Administration	QMB 3600	3
EDU	Multidisciplinary Introduction to Research	EDF 2910	1
EDU	Multidisciplinary Research Methods 1	EDF 2911	1
EDU	Education in a Multicultural Society	EDF 3610	3
EDU	Responsible Conduct of Research	EDG 4361	2
ENG	Experimental Design and Data Analysis	CAP 2750	3
HON	Honors Research Methods in Cultural Anthropology	ANT 4495	3
HON	Honors Introduction to Programming for Visual Art	ART 3657C	4
HON	Honors Game Studies	ART 4640	
HON	Honors 3D Computer Game Development	ART 4653C	4
HON	Honors Introduction to Data Science	COP 3076	3
HON	Honors Religion and Politics in Latin America	CPO 4305	3
HON	Honors Econometrics: Applied Regression Analysis	ECO 4412	3
HON	Honors Interdisciplinary Critical Inquiry Seminar Social Engagement and Social Entrepreneurship - tentative	IDS 3932	1-3
HON	Honors Computational Social Science	ISS 4304	3
HON	Honors General Microbiology	MCB 3020	3
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College	Course Name	Course Number	Credits
HON	Honors General Microbiology Lab	MCB 3020L	1
HON	Honors Cell Biology	PCB 4102	4
HON	Honors Research Methods in Psychology	PSY 3213	3
HON	Honors Research Methods in Psychology Lab	PSY 3213L	1
NUR	Nursing Research	NUR 4165	3
SCI	Biochemistry 1	BCH 3033	3
SCI	Plant Physiology Lab - tentative	BOT 4503L	2
SCI	Plant Biotechnology - tentative	BOT 4734C	3
SCI	Life of a Biologist	BSC 2844	1
SCI	Introduction to Biological Research - tentative	BSC 3453	1
SCI	Biological Research Writing - tentative	BSC 3481	2
SCI	Honors Research - tentative	BSC 4917	3
SCI	Honors Thesis - tentative	BSC 4918	3
SCI	Behavioral Ecology - tentative	BSC 4930	
SCI	Comparative Animal Behavior - tentative	CBH 4024	3
SCI	Organic Chemistry 1	CHM 2210	3
SCI	Quantitative Analysis	CHM 3120	2
SCI	Introduction to Physical Chemistry	CHM 3400	3
SCI	Inorganic Chemistry	CHM 3609	3
SCI	Critical Thinking in Environmental Science	EVS 4021	3
SCI	Health Research Methods	HSA 4700	3
SCI	Introduction to Undergraduate Research 1	IDS 1911	1
SCI	Introduction to Undergraduate Research 2	IDS 1913	1
SCI	Fundamentals of Research and Inquiry	IDS 3910	1
SCI	Introduction to Undergraduate Research Design	IDS 3911	1
SCI	Applied Mathematical Modeling	MAP 4103	3
SCI	Issues in Human Ecology - tentative	PCB 3352	3
SCI	Genetics Lab - tentative	PCB 4067L	3



College	Course Name	Course Number	Credits
SCI	Comparative Animal Physiology laboratory - tentative	PCB 4723L	1
SCI	Cellular Neuroscience & Disease - tentative	PCB 4842	3
SCI	Research Methods in Psychology	PSY 3213	3
SCI	Experimental Design and Statistical Inference	PSY 3234	3
SCI	Introduction to Animal Locomotion	ZOO 4373	3
SWCJ	Methods of Research in Criminal Justice	CCJ 4700	3
SWCJ	Research Methods in Social Work	SOW 4403	3
	Courses with honors or research compacts		