

UUPC APPROVAL 4/29/16  
 UFS APPROVAL \_\_\_\_\_  
 SCNS SUBMITTAL \_\_\_\_\_  
 CONFIRMED \_\_\_\_\_  
 BANNER POSTED \_\_\_\_\_  
 CATALOG \_\_\_\_\_

## Undergraduate Programs—NEW COURSE PROPOSAL<sup>1</sup>

DEPARTMENT: MATHEMATICAL SCIENCES COLLEGE: SCIENCE

RECOMMENDED COURSE IDENTIFICATION (TO OBTAIN A COURSE NUMBER, CONTACT [ERUDOLPH@FAU.EDU](mailto:ERUDOLPH@FAU.EDU))  
 PREFIX MAT COURSE NUMBER 4915 LAB CODE (IF APPROPRIATE, L OR C) \_\_\_\_\_  
 L = LAB COURSE; C = COMBINED LECTURE/LAB  
 COMPLETE COURSE TITLE: DIRECTED INDEPENDENT RESEARCH IN MATHEMATICAL SCIENCES

EFFECTIVE DATE  
 (first term course will be offered)  
 \_\_\_\_\_

CREDITS<sup>2</sup>  
 1 - 6

TEXTBOOK INFORMATION  
 TBD

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR  PASS/FAIL \_\_\_\_\_ SATISFACTORY/UNSATISFACTORY \_\_\_\_\_

COURSE DESCRIPTION, NO MORE THAN THREE LINES:  
 The student will work closely with a research mentor to conduct research and inquiry in Mathematical Sciences. The requirements for the course and the criteria for evaluation will be agreed upon by the research mentor and the student.

PREREQUISITES W/MINIMUM GRADE\*  
 \_\_\_\_\_

COREQUISITES\*  
 \_\_\_\_\_

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)\*  
 \_\_\_\_\_

**\*DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.**

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:  
**TERMINAL DEGREE IN MATHEMATICAL SCIENCES OR A RELATED FIELD**

WAC/GORDON RULE COURSE<sup>3</sup>  
 YES \_\_\_\_\_ NO   
 WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal.  
 Guidelines: [www.fau.edu/WAC](http://www.fau.edu/WAC)

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)<sup>4</sup>  
 \_\_\_ Written Communication \_\_\_ Society/Human Behavior  
 \_\_\_ Math/Quantitative Reasoning \_\_\_ Global Citizenship  
 \_\_\_ Science/Natural World \_\_\_ Humanities  
 General Education criteria must be indicated in the syllabus and approval attached to proposal. Guidelines: [www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php](http://www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php)

Faculty contact, email and complete phone number:  
 Tobin Hindle, [thindle@fau.edu](mailto:thindle@fau.edu), 561 297-2846

Please consult and list departments that might be affected by the new course and attach comments.<sup>5</sup>

Approved by  
 Department Chair: \_\_\_\_\_  
 College Curriculum Chair: \_\_\_\_\_  
 College Dean: \_\_\_\_\_  
 UUPC Chair: \_\_\_\_\_  
 Undergraduate Studies Dean: \_\_\_\_\_  
 UFS President: \_\_\_\_\_  
 Provost: \_\_\_\_\_

Date  
 4/13/16  
 4/26/16  
 4/26/16  
 4/29/16  
 5/10/16

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: [www.fau.edu/academic/registrar/UUPCinfo](http://www.fau.edu/academic/registrar/UUPCinfo)
2. Review Provost Memorandum: **Definition of a Credit Hour**  
[www.fau.edu/provost/files/Definition\\_Credit\\_Hour\\_Memo\\_2012.pdf](http://www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf)
3. WAC approval (attach if applicable)
4. Gen. Ed. approval (attach if applicable)
5. Consent of affected departments (attach if applicable)

Email this form and syllabus to [mjenning@fau.edu](mailto:mjenning@fau.edu) seven business days before the UUPC meeting.