

FLORIDA INTERNATIONAL UNIVERSITY  
UNIVERSITY CURRICULUM COMMITTEE  
Proposal for a New Course

DO NOT TYPE IN THIS BOX  
Bulletin # : \_\_\_\_\_  
Academic Year : \_\_\_\_\_

1. SCHOOL/COLLEGE Engineering DIV./DEPT. IN WHICH TAUGHT SCIS

2. 5 Grading Method (select one):  Graded  Pass/Fail  
 Alpha Prefix 1st Digit Last 3 Digits "C"-Iec-Lab "L"-Lab Cr. Hrs. CIP Code (Leave this blank): \_\_\_\_\_

3a. Course Title Data Visualization

b. Abbreviated course Title (for computer class schedules, transcripts) Data Vis.  
 LIMITED TO 25 Characters (including spaces)

4. Statewide Course Numbering Subject Matter Area \_\_\_\_\_

5. Catalog Description/Major Topics (not to exceed 200 characters including spaces)  
*College of Medicine and College of Law: Attach description not exceeding 1,000 characters including spaces.*  
Advanced class on data visualization principles and techniques. Students propose, implement, and present a project with strong collaborative and visual components.

6. ATTACH DETAILED SYLLABUS COURSE OUTLINE AND COURSE JUSTIFICATION ON SEPARATE PAGE(S).

7. Prerequisite(s): None

8. Corequisite(s): None

9. Objective(s) of Course:  
To familiarize students with data visualization principles and techniques and to expose them to all stages of the interdisciplinary research process: identifying collaborators, formally proposing a project, solution implementation, and dissemination.

10. Does this course duplicate/overlap other courses at FIU?  No  Yes  
 If yes, please explain: \_\_\_\_\_

11. What other closely related department(s) have been consulted about this course?  
 \_\_\_\_\_

PROPOSAL REQUESTED BY:

Faculty Contact Dr. Radu Jianu \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_  
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 (Type name) (Signature)

College/School Dean Dr. Amir Mirmiran \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_  
 (Type name) (Signature)

APPROVED BY:

University Curriculum Committee \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

Faculty Senate Chairperson \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

Academic Affairs V.P. \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

Submit one original copy of this form. Attach one hard copy and one electronic copy of the course syllabus containing: course description, objectives, learning outcomes, major topics and textbooks.