

**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"-lec-lab "L"-Lab	Cr. Hrs.	CIP Code (Leave this blank): _____
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- 3a. Course Title Interdisciplinary Information Visualization
- b. Abbreviated course Title (for computer class schedules, transcripts)

Interdisc. 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, interdisciplinary, 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.
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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	<u>Dr. Radu Jianu</u>	_____/_____/20____
	<small>(Type name)</small>	<small>(Signature)</small>
	<u>rdjianu@cis.fiu.edu</u>	<u>345-368-1614</u>
	<small>(Email address)</small>	<small>(Phone number)</small>
Chairperson (Dept./Div.)	<u>Dr. Mark Weiss</u>	_____/_____/20____
	<small>(Type name)</small>	<small>(Signature)</small>
Chairperson (Curr. Comm.)	<u>Dr. Nagarajan Prabakar</u>	_____/_____/20____
	<small>(Type name)</small>	<small>(Signature)</small>
College/School Dean	<u>Dr. Amir Mirmiran</u>	_____/_____/20____
	<small>(Type name)</small>	<small>(Signature)</small>

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.