

FLORIDA INTERNATIONAL UNIVERSITY UNIVERSITY CURRICULUM COMMITTEE Proposal for a New Course

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

- 1a. SCHOOL/COLLEGE Engineering & Computing DIV./DEPT. IN WHICH TAUGHT Civil & Environmental Engineering
2. CGN 4 XXX 3 Alpha Prefix 1st Digit last 3 Digits "C"-lec-lab "L"-Lab Cr. Hrs.
3a. Course Title Hurricane Engineering and Global Sustainability
b. Abbreviated course Title (for computer class schedules, transcripts) HURRICANE ENGINEERING
4. Statewide Course Numbering Subject Matter Area CGN (CIVIL ENGINEERING)
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. This course examines the impacts of hurricanes and explores the role of engineers in achieving sustainable coastal communities around the globe.
6. ATTACH DETAILED SYLLABUS COURSE OUTLINE AND COURSE JUSTIFICATION ON SEPARATE PAGE(S).
7. Prerequisite(s): EGN 1033 Technology, Humans, and Society and CWR 3201 and CWR 3201L
8. Corequisite(s)
9. Objective(s) of Course: Hurricanes are giant tropical storms that bring destruction to coastal communities around the globe. Engineers have played a crucial role in enhancing community resiliency against these storms.
10. Does this course duplicate/overlap other courses at FIU? [X] No [] Yes
11. What other closely related department(s) have been consulted about this course?

PROPOSAL REQUESTED BY:

Faculty Contact Dr. Arindam Gan Chowdhury (Type name) chowdhur@fiu.edu (Email address) Arindam Gan Chowdhury (Signature) 10 1 3 12012 305-348-0518 (Phone number)
Chairperson (Dept./Div.) Dr. Atorod Azizinamini (Type name) A. Azizinamini (Signature) 10 1 3 12012
Chairperson (Curr. Comm.) Dr. Nagarajan Prabakar (Type name) N. Prabakar (Signature) 10 1 5 12012
College/School Dean Dr. Amir Mirmiran (Type name) A. Mirmiran (Signature) 1 / 20

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.