

CIVE Elective Substitutes

- Only **one** out-of-department substitute for a CIVE Elective is allowed; the other **three** electives must be **CIVE** courses. (If you took CHEM 1372 see Dr. Herman for exception).
- **Ask us to evaluate courses that aren't on the list.** Must be 3000 level or higher and relate to civil engineering in some way. Email Dr. Herman (rherman@uh.edu) the information below with a cc: to Mrs. Alicea (lalicea@uh.edu).
 1. Name and number of course,
 2. Catalog description (from Undergraduate Catalog), and,
 3. Syllabus: Syllabi from past semesters are available at webpage below. If you can't find syllabus contact instructor of course. www.uh.edu/policies/hb2504/students/

ALL STUDENTS must request use of a CIVE Elective Substitute via a General Petition form. Form is available at:

www.uh.edu/academics/forms/fall-2012-general-petition.

(1) Fill out contact information at top; (2) check Item 12; (3) in the Explanation of Request area write: "I am requesting to use XXXX #### Course Title as my one out-of-department substitute for a CIVE Elective in my BSCE degree plan"; (4) sign and date; and, (5) submit at front desk of Department.

Approved CIVE Elective Substitutes (You must have permission from instructor and/or department offering a course to be able to take it.)

- ARCH 4324 High-Rise Structures (see Dr. Herman for enrollment in this course, BSCE major requisites = B- or better in 1st attempt of CIVE 3332 Engineering Materials and CIVE 3337 Structural Analysis, successfully completed or concurrently enrolled in CIVE 4363 Concrete Design and CIVE 4364 Structural Steel Design)
- ARCH 4325 Building Systems Integration
- ARCH 4355 Houston Architecture
- CHEM 3331 Fundamentals of Organic Chemistry
- CNST 4302 Construction Law and Ethics
- ECON 3332 – Intermediate Microeconomics
- ECON 3334 – Intermediate Macroeconomics
- ECON 4377 – Urban Economics
- ENRG 3310 Introduction to Energy & Sustainability
- ENTR 3310 Entrepreneurship

You are not entitled to take courses on this list. You must meet course requisites and have required permissions. Start by contacting course instructor or department offering course. **EVEN IF YOU CAN SELF-ENROLL THAT DOESN'T MEAN YOU CAN TAKE A COURSE.**

- ENTR 4397 Selected Topics in Entrepreneurship: Introduction to Tech Entrepreneurship (4397 is a course number that is used for new courses that are not in the catalog. The only approved ENTR 4397 course at this time is Introduction to Tech Entrepreneurship.)
- GEOL 3342 Principles of Air Pollution¹
- GEOL 3334 Earthquakes¹
- GEOL 3383 Remote Sensing¹
- GEOL 4330 Introduction to Geophysics¹
- GEOL 4331 Introduction to Geographic Information Systems¹
- GEOL 4379 Groundwater and Engineering Geophysics¹
- HON 3330 Leadership Theory and Practice
- HON or ENRG 4397/98 – Sustainable Cities
- INDE 3333 Engineering Economy I
- INDE 4388 Engineering Leadership and Entrepreneurship
- MANA 4346 Leadership Development (enrollment requires business minor)
- MARK 3336 Elements of Marketing Administration (enrollment requires business minor)
- MATH 3363 Introduction to Partial Differential Equations
- MATH 4364 – Introduction to Numerical Analysis in Scientific Computing
- MATH 4377 Advanced Linear Algebra I
- TECH 4310 Future of Energy and the Environment

See instructions on first page. Every student must submit petition requesting to use a CIVE Elective Substitute.

¹ Before enrolling in GEOL course email Dr. Robinson (acrobenson@uh.edu), Dept. of Earth & Atmospheric Science Undergraduate Faculty Advisor to ask for permission to take the course. In your email explain why you want to take the course.

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