

### Approved 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.** Course must be 3000 level or higher and relate to civil engineering. Email Dr. Herman (rherman@uh.edu) the information below:
  1. Name and number of course,
  2. Catalog description (from [Undergraduate Catalog](#)), and,
  3. Syllabus: Syllabi from past semesters are available at link below. If you can't locate copy of syllabus contact course instructor. [www.uh.edu/policies/hb2504/students/](http://www.uh.edu/policies/hb2504/students/)

**You are not entitled to take courses on this list.** You must meet course requisites and/or have required permissions. Start by contacting course instructor or department offering the course. **EVEN IF YOU CAN SELF-ENROLL IN A CLASS, THAT DOESN'T MEAN YOU HAVE THE RIGHT TO TAKE IT.**

For course descriptions and requisites see [Undergraduate Catalog](#)

- ARCH 4324 High-Rise Structures ([see Dr. Herman for enrollment](#) in this course, BSCE major requisites = B- or better in 1<sup>st</sup> 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
- 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 3334 Earthquakes
- GEOL 3342 Principles of Air Pollution
- GEOL 3383 Remote Sensing
- GEOL 4330 Introduction to Geophysics

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- GEOL 4331 Geospatial Analysis and Applications
- GEOL 4379 Groundwater and Engineering Geophysics
- 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 appropriate business minor)
- MARK 3336 Elements of Marketing Administration (enrollment requires appropriate 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

*Help grow this list! See note on first page about having other courses evaluated as substitutes for a CIVE Elective.*

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