

Request for New or Changed Course Designator:

We would like to request the course designator, ARE, for a new Architectural Engineering degree program within the School of Civil and Construction Engineering.

Purpose: The proposed course designator should have an identified purpose within the curricular structure of Oregon State University.

- What academic programs, including majors, certificates, options and minors will be served by courses within the designator?

Architectural Engineering

- In what ways do the general area and scope of the content constitute a coherent body of knowledge?

Courses for the BS in Architectural Engineering (ARE) degree program will provide students with breadth and depth in the engineering sciences of buildings and their systems: structural systems; heating, ventilation and air-conditioning (HVAC) systems; electrical and lighting systems; construction engineering and management. Courses will allow students to specialize in a chosen discipline while gaining the knowledge and skills to become leaders in the design and construction of green, energy efficient and more complex buildings.

- Is the proposed usage of the designator consistent with practice at OSU and other institutions? Give examples.

Yes, the use of "ARE" for Architectural Engineering somewhat parallels "CE" for Civil Engineering. The numbering of the ARE courses will also parallel CE courses, such as ARE 418 and ARE 419 for the capstone courses. ARE is the Architectural Engineering course designator at the University of Texas at Austin, to give just one example.

Accountability: Responsibility for the integrity and oversight of the proposed course designator should be clearly identified.

- What is the academic College of the designator?

College of Engineering

- Who is responsible for administering courses in the designator, e.g. scheduling and catalog updates. Who are the faculty contact persons?

School of Civil and Construction Engineering: Shane Brown, Associate Head for Undergraduate Affairs; Judy Liu, Professor, Originator of Cat. I proposal for Architectural Engineering

- Who is responsible for consistency and outcome assessment for courses in the designator?

New faculty members in Architectural Engineering; Shane Brown, Associate Head for Undergraduate Affairs; Judy Liu, Professor, Originator of Cat. I proposal for Architectural Engineering

- Which units get credit for the SCH generated by courses in the subject code?

School of Civil and Construction Engineering

- Who is responsible for communicating information about the new designator to stakeholders, including advisors, admissions, and students?
Shane Brown, Associate Head for Undergraduate Affairs; Judy Liu, Professor, Originator of Cat. I proposal for Architectural Engineering

Impacts: Who will benefit from the new designator and what changes will result from its implementation?

- Will courses in the new designator duplicate or compete with existing ones?
No, there is no duplication or competition with existing courses.
- Are there expected cross-listings or curricular equivalencies?
No cross-listings or curricular equivalencies are expected.
- How will the new designator affect transfer credits?
Not applicable.
- Will any previous existing designators expire as the new one appears?
Not applicable.
- How will the new designator benefit students?
The new designator will allow courses specific to Architectural Engineering to be easily identifiable to students.