



Catalog Copy: *if additional space or formatting is needed, include as an attachment*

Present catalog copy (paste-up from catalog is acceptable):

Environmental Science, BS

Proposed change(s): Include exact catalog copy as desired. Strike-through deletions and underline changes in Adobe Acrobat by using Ctrl+E (PC) or Cmd+E (Mac).

Environmental Science and Sustainability, BS

1. What is the justification for the change(s) requested?

Sustainability is a rapidly growing field. Federal, state, and local governments are increasingly implementing sustainability goals and tracking their progress through a host of environmental, social, and economic indicators. While TCU has fallen behind other universities sustainability efforts in the classroom, our department has been laying the foundation to meet the growing demand for sustainability professionals. We have created several sustainability-focused courses and hired a sustainability scientist. These courses have proved popular among students in and outside of the department and are already part of our degree program as required courses and electives. e.g. ENSC 30143 Introduction to Sustainability Sciences ENSC 50443 Sustainability in the Built Environment, ENSC 50793 Environmental Sustainability, ENSC 60313 Sustainable Development in Costa Rica, ENSC 40010/70010 Research in Sustainability Sciences. In addition, most of our courses contain a sustainability theme even when it is not stated in the course title as that is the nature of the field of Environmental Science at this point in our history. As a result, we believe adding “sustainability” to the degree more accurately reflects the offerings of this program and the direction of the program in the future and will only benefit our students as they seek employment.

2. If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms.

N/A

3. **Faculty Resources:** How will the unit provide faculty support for this change and any other impact this change may have on other current departmental listings.

N/A

4. **Educational Resources:** Will this change require additional resources not currently available (e.g. space, equipment, library, other)?  YES  
If yes, list additional resources needed.  NO

5. If this change affects other units of the University, include a statement signed by the chairperson(s) of the affected unit(s). N/A

6. If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and cross-listed units. N/A



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Approval signature of chairperson of originating unit