

Date: November 30, 2023

To: HSSEAS Faculty Executive Committee

From: Song Li, Chair, Department of Bioengineering
Jacob Schmidt, Undergraduate Vice Chair
Chair, Undergraduate Bioengineering Curriculum Committee

Re: Changes to the B.S. Bioengineering Curriculum

The Department of Bioengineering proposes the following revision to the undergraduate Bioengineering BS degree program, effective Fall Quarter 2024

- Delete “Electrical and Computer Engineering 100” from the BE major listing
- Change the curriculum of BE 120
- Add BIOENGR 122 as a course requirement

At present, BE 120 (Biomedical Transducers) is a mixture of circuitry, biomedical instrumentation, Fourier analysis, and biomedical imaging. The faculty wish to require BE 122 (Introduction to Medical Imaging), which covers Fourier Analysis and Biomedical Imaging, and reconfigure BE 120 to focus on circuitry and biomedical instrumentation. Removal of EE 100 leaves the required unit count unchanged.

Faculty Vote:

Remove EE100: 17 YES, 0 NO, 2 Abstain, 15 No Response

Add BE 122: 16 YES, 0 NO, 3 Abstain, 15 No Response

Date Change is to be Effective

Fall 2024

Department Contact

Daphne-Jane Dizon
Department of Bioengineering
5121 Engineering V, 160010
e-mail: djdizon@seas.ucla.edu
phone: 310-794-5072

