

# BMEN3302 - Bioengineering Signals and Systems

[BMEN 3302](#) Bioengineering Signals and Systems (3 semester credit hours) In this course, the fundamentals of continuous and discrete-time signal processing relevant to Biomedical Engineering and biomedical devices are introduced. The main time and frequency-domain concepts covered in the course are convolution, impulse response, Fourier transform, and sampling theorem. Credit cannot be received for more than one of the following: [BMEN 3302](#) or [BMEN 3402](#) or [CE 3303](#) or [EE 3302](#). Prerequisites: [BMEN 1208](#) and [ENGR 3300](#). (3-0) Y