BIOMEDICAL ENGINEERING, MINOR (0122)

Western Sydney University Minor Code: 0122

Available to students in other Western Sydney University programs?
No

The Biomedical Engineering minor includes elements from the bioelectronics, biomechanical and biomechatronic specialisations. This allows students to undertake multidisciplinary study within engineering, which combines knowledge from electronics, chemical, materials, mechanical and mechatronic engineering with the life sciences of medicine, biology and molecular biology. Graduates will be equipped with professional skills to work in biomedical industry as engineers, with a good understanding of multidisciplinary principles and practices.

Location

Campus	Mode	Advice
Penrith Campus	Internal	beng@westernsydney.edu.au

Minor Structure

This minor is only available to students enrolled in Bachelor of Engineering (Honours) (3740) (https://hbook.westernsydney.edu.au/programs/bachelor-engineering-honours/) and Bachelor of Engineering Advanced (Honours) (3771) (https://hbook.westernsydney.edu.au/programs/bachelor-engineering-advanced-honours/).

Students must complete 4 subjects as follows.

Subject	Title	Credit Points
HLTH 2003	Biomechanics	10
ENGR 3004	Biomedical Signals and Data Analysis	10
ENGR 4038	Biomedical Electronics	10
BIOS 1022	Introduction to Human Biology	10
Total Credit Points		**40**

Bachelor of Engineering (Honours) (3740) (https://hbook.westernsydney.edu.au/programs/bachelor-engineering-honours/)

Bachelor of Engineering Advanced (Honours) (3771) (https://hbook.westernsydney.edu.au/programs/bachelor-engineering-advanced-honours/)