

# AUTOMATION, CONCENTRATION (0123)

Western Sydney University Concentration Code: 0123

Previous Code: SM3072.1

Available to students in other Western Sydney University programs?

No

## Location

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

## Concentration Structure

This concentration is only available to students enrolled in Bachelor of Engineering (Honours) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-honours/>) or Bachelor of Engineering - Mechanical (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3689.2>) major only.

From 2024, please refer to Automation, Minor (0123) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/automation-minor/#text>). This minor is available to all students in Bachelor of Engineering (Honours) (3740) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-honours/>) and Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-advanced-honours/>).

Students must complete 4 subjects as follows.

Subject	Title	Credit Points
MECH 4001	Computational Fluid Dynamics	10
INFO 3003	Human-Computer Interaction	10
ELEC 2008	Microcontrollers and PLCs	10
MECH 4003	Mobile Robotics	10
Total Credit Points		40

## Related Programs

B Engineering

Bachelor of Engineering (Honours) (3740) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-honours/>)

Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-advanced-honours/>)