

# THERMAL AND FLUID SYSTEMS, CONCENTRATION (0126)

**Western Sydney University Concentration Code:** 0126

**Previous Code:** SM3074.1

**Available to students in other Western Sydney University programs?**

No

## Location

Campus	Mode	Advice
Penrith Campus	Internal	Beng@uws.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 3689 Bachelor of Engineering - Robotics & Mechatronics major only.

From 2024, please refer to Thermal and Fluid Systems, Minor (0126) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/thermal-fluid-systems-minor/>). 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
CIVL 2003	Fluid Mechanics	10
MECH 3008	Thermodynamics and Heat Transfer	10
MECH 3007	Thermal and Fluid Engineering	10
<b>Total Credit Points</b>		<b>40</b>

## Related Programs

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