

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/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/majors-minors/thermal-fluid-systems-minor/>). This minor is available to all students 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 |
|----------------------------|----------------------------------|---------------|
| 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 |
| Total Credit Points | | 40 |

Related Programs

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