

# STRUCTURES, CONCENTRATION (0116)

Western Sydney University Concentration Code: 0116

Previous Code: SM3065.1

Available to students in other Western Sydney University programs?

No

This concentration is only available to students enrolled in 3740 Bachelor of Engineering (Honours) or 3689 Bachelor of Engineering - Civil or Construction majors only.

## Location

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

## Concentration Structure Current

This concentration is only available to students enrolled in Bachelor of Engineering (Honours) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) or 3689 Bachelor of Engineering - Civil or Construction majors only.

From 2024, please refer to Structures, Minor (0116) (<https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/structures-minor/>). This minor is available to all students in Bachelor of Engineering (Honours) (3740) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) and Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>).

| Subject  | Title                     | Credit Points |
|--|---------------------------|---------------|
| Students must complete 40 credit points from the following |                           | 40            |
| CIVL 3021  | Bridge Engineering Design |               |
| CIVL 4001  | Applied Mechanics         |               |
| CIVL 4002  | Composite Structures      |               |
| CIVL 3010  | Highway Infrastructure    |               |
| CIVL 4008  | Pile Foundations          |               |
| CIVL 4009  | Timber Structures (UG)    |               |
| <b>Total Credit Points</b>                                 |                           | <b>40</b>     |

## Replaced Subjects

The subjects listed below count towards completion of this concentration for students who passed these subjects in 2022 or earlier.

CIVL 3010 Highway Infrastructure replaced by CIVL 3021 Bridge Engineering Design (Autumn 2023)

## Related Programs

Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>)