# GRAPHICS AND VISUAL SIMULATION, MINOR (0324)

**Western Sydney University Minor Code:** 0324

**Available to students in other Western Sydney University Programs:** Yes. Check that your program has the available credit points required to complete the subjects in this field of study. Any requisite requirements must also be met. Consult your Program Advisor for further advice.

Visualising complex data sets is an important component of popular news reports, scientific and engineering applications, and business presentations. This minor equips computing students with specialised skills required to develop software that represents complex data sets in a meaningful and accessible way, covering both the mathematical background required to comprehend data and software development techniques required to represent it on a computer.

## Location

| Campus | Attendance | Mode | Advice |
| --- | --- | --- | --- |
| Parramatta Victoria Road Campus | Full-time | Internal | cdms@westernsydney.edu.au |
| Parramatta Vicotria Road Campus | Part-time | Internal | cdms@westernsydney.edu.au |

Students must complete 40 credit points as follows

| Subject | Title | Credit Points |
| --- | --- | --- |
| COMP 1014 | Thinking About Data | 10 |
| COMP 2026 | Visual Analytics | 10 |
| COMP 2018 | Simulation Fundamentals | 10 |
| COMP 3006 | Computer Graphics | 10 |

Bachelor of Information and Communications Technology/Bachelor of Business (Accounting) (3738) (https://hbook.westernsydney.edu.au/ archives/2024-2025/programs/bachelor-information-communications-technology-bachelor-business-accounting/)

Bachelor of Information and Communications Technology (3639) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/ bachelor-information-communications-technology/)

Bachelor of Information and Communications Technology (Advanced) (3684) (https://hbook.westernsydney.edu.au/archives/2024-2025/ programs/bachelor-information-communications-technology-advanced/)

Bachelor of Information and Communications Technology/ Bachelor of Business (3737) (https://hbook.westernsydney.edu.au/ archives/2024-2025/programs/bachelor-information-communications-technology-bachelor-business/)