

# INFORMATION SYSTEMS ANALYTICS, MAJOR (0166)

Western Sydney University Major Code: 0166

Previous Code: M3101.1

Available to students in other Western Sydney University

Programs: Yes, however the following restrictions apply.

This major is not available to students enrolled in [in](#) [in](#) [3639](#) Bachelor of Information and Communications (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-communications-technology/>) [Technology](#), [Technology](#), [3684](#) Bachelor of Information and Communications (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-communications-technology-advanced/>) [Technology](#) ([Advanced](#)), [Technology \(Advanced\)](#), [3687](#) Bachelor of Information Systems (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems/>) or [3688](#) Bachelor of Information Systems (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems-advanced/>) [Advanced](#).

By completing Information Systems Analytics major you will gain cutting edge skills that will give you knowledge in how to assess and analyse currently available business data, make sense of it and based on the analysis select the most optimum business strategy. To achieve this within this major you will also learn about the complexities of Information Systems implementations, the components that make up the information systems, types of information systems and their nature of interactions. Furthermore, this major will give you cutting edge knowledge in how to best understand the complex relationships between business requirements and specific Information System technologies.

Location

| Campus                            | Mode     | Advice   |
|-----------------------------------|----------|--|
| Parramatta Campus - Victoria Road | Internal | Dr Ana Hol ( <a href="https://directory.westernsydney.edu.au/search/email/a.hol@westernsydney.edu.au">https://directory.westernsydney.edu.au/search/email/a.hol@westernsydney.edu.au</a> ) |

## Major Structure

This major is not available to students enrolled in Bachelor of Information and Communications Technology (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-communications-technology/>), Bachelor of Information and Communications Technology (Advanced) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-communications-technology-advanced/>), Bachelor of Information Systems (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems/>) or Bachelor of Information Systems Advanced (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems-advanced/>).

Students must complete 80 credit points as follows.

| Subject   | Title                          | Credit Points |
|-----------|--------------------------------|---------------|
| COMP 1005 | Programming Fundamentals       | 10            |
| INFS 1006 | Systems Analysis and Design    | 10            |
| INFS 1002 | Information Systems in Context | 10            |

|                            |  |           |
|----------------------------|--|-----------|
| INFS 2001                  | Database Design and Development        | 10        |
| COMP 2020                  | Technologies for Web Applications      | 10        |
| COMP 3020                  | Social Web Analytics                   | 10        |
| INFS 3006                  | Emerging Trends in Information Systems | 10        |
| INFO 3011                  | Social Computing                       | 10        |
| <b>Total Credit Points</b> |  | <b>80</b> |

## Related Programs

Bachelor of Business (2786) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-business/>)

Diploma in Business/Bachelor of Business (6037) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/diploma-business-bachelor-business/>)