

INTERACTIVE ANALYTICS, MAJOR (0203)

Western Sydney University Major Code: 0203

Previous Code: M3135.1

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.

With increase in accessible data, interactive data analysis is a sought after skill. This Major covers concepts, techniques and technologies in data analytics with interactive communication to support extraction and analysis of big data. By completing this Major, students will gain skills in data science for producing visual, graphical and interactive representation of data analysis outcomes to support predictions and business decision making.

Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	Dr Simi Kamini Bajaj (https://directory.westernsydney.edu.au/search/email/k.bajaj@westernsydney.edu.au)

Major Structure

Students must complete 80 credit points as follows.

Subject	Title	Credit Points
COMP 3006	Computer Graphics	10
DESN 2005	Graphic Design: Interactive Digital Media	20
COMP 2025	Introduction to Data Science	10
MATH 1030	Statistics for Business	10
COMP 3020	Social Web Analytics	10
COMP 2026	Visual Analytics	10
DESN 1021	Web and Time-based Design	10
Total Credit Points		80

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 2009 Introduction to Data Science, replaced by COMP 2025
Introduction to Data Science

MATH 2014 Visual Analytics, replaced by COMP 2026 Visual Analytics

Related Programs

Bachelor of Information Systems (3687) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems/>)

Bachelor of Information Systems Advanced (3688) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-information-systems-advanced/>)