

COMP 7024 PROGRAMMING FOR DATA SCIENCE

Credit Points 10

Legacy Code 301493

Coordinator Laurence Park (<https://directory.westernsydney.edu.au/search/name/Laurence Park/>)

Description The use of computers and computer programming for Data Science is fundamental to the discipline. This introductory subject will briefly cover the use of spreadsheet systems and then will consider programming in the statistical system "R" in detail. Other special purpose languages will also be touched on briefly including SQL (Structured Query Language).

School Computer, Data & Math Sciences

Discipline Computer Science

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Quiz	5 x 30 minutes	20	N	Individual
Final Exam	Lab based 1 hour practical	40	N	Individual
Applied Project	3,000 words	40	N	Individual

Teaching Periods

Autumn

Parramatta - Victoria Rd

Day

Subject Contact Laurence Park (<https://directory.westernsydney.edu.au/search/name/Laurence Park/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP7024_22-AUT_PS_D#subjects)

Quarter 1

Parramatta City - Macquarie St

Evening

Subject Contact Franco Ubaldi (<https://directory.westernsydney.edu.au/search/name/Franco Ubaldi/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP7024_22-Q1_PC_E#subjects)

Spring

Parramatta - Victoria Rd

Day

Subject Contact Laurence Park (<https://directory.westernsydney.edu.au/search/name/Laurence Park/>)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP7024_22-SPR_PS_D#subjects)