

# MATH 3016 MATHEMATICS PROJECT

**Credit Points** 10

**Legacy Code** 301379

**Coordinator** Volker Gebhardt ([https://directory.westernsydney.edu.au/search/name/Volker Gebhardt/](https://directory.westernsydney.edu.au/search/name/Volker%20Gebhardt/))

**Description** In this subject, students can deepen or apply knowledge gained during their course and practise verbal and written presentation skills. Students will carry out a project under the supervision of an academic staff member. Assisted by their supervisor, students will define the problem to be studied and then acquire, develop and apply the appropriate theory or methodology. They will prepare and present on a final report detailing theoretical results or methodology, an analysis and a discussion followed by an appropriate conclusion, as well as a literature review or a list of references as appropriate.

**School** Computer, Data & Math Sciences

**Discipline** Mathematics

**Student Contribution Band** HECS Band 1 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** None

**Equivalent Subjects** MATH 3008 Quantitative Project

## Restrictions

Students must be enrolled in course 3778 Bachelor of Mathematics and must have completed 200 credit points before enrolling into the subject.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Plan and develop an investigative project.
2. Locate, identify and use information relevant to the problem being studied.
3. Undertake self-directed study relevant to the problem being investigated.
4. Undertake a theoretical and/or analytical investigation.
5. Develop a comprehensive research report in a logical, concise and professional manner.
6. Verbally present a project and its results to an audience.

## Subject Content

There is no formal content definition for this subject, as the projects offered will vary according to the expertise and interests of academic staff and the research interests of students. Students will choose individual project topics in consultation with the unit coordinator and the supervising staff member.

## 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.

Type	Length	Percent	Threshold	Individual/ Group Task
Proposal	12-15 pages	10	N	Group/ Individual
Presentation	10 minutes	10	N	Group/ Individual
Report	20-40 pages	45	N	Group/ Individual
Presentation	20 minutes	25	N	Group/ Individual
Participation	n/a	10	N	Individual

Teaching Periods

## Spring (2024)

### Campbelltown

#### On-site

**Subject Contact** Volker Gebhardt ([https://directory.westernsydney.edu.au/search/name/Volker Gebhardt/](https://directory.westernsydney.edu.au/search/name/Volker%20Gebhardt/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=MATH3016\\_24-SPR\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=MATH3016_24-SPR_CA_1#subjects))

### Penrith (Kingswood)

#### On-site

**Subject Contact** Volker Gebhardt ([https://directory.westernsydney.edu.au/search/name/Volker Gebhardt/](https://directory.westernsydney.edu.au/search/name/Volker%20Gebhardt/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=MATH3016\\_24-SPR\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=MATH3016_24-SPR_KW_1#subjects))

### Parramatta - Victoria Rd

#### On-site

**Subject Contact** Volker Gebhardt ([https://directory.westernsydney.edu.au/search/name/Volker Gebhardt/](https://directory.westernsydney.edu.au/search/name/Volker%20Gebhardt/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=MATH3016\\_24-SPR\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=MATH3016_24-SPR_PS_1#subjects))