## MATH 3004 DISCOVERY PROJECT

Credit Points 10
Legacy Code 301111
Coordinator Rosalind Wang (https://directory.westernsydney.edu.au/ search/name/Rosalind Wang/)

Description In this subject students will gain experience in applying data science skills and using knowledge gained during their bachelor's course of their primary discipline. Students will carry out a real life project transforming data to knowledge under the supervision of an academic mentor. Students will develop a knowledge discovery project proposal and carry out a literature review highlighting the current status of the problem. Assisted by a mentor they will apply the data science skills learned through-out the degree and produce a final discovery project report and/or interactive project tool and give an oral presentation.

School Computer, Data \& Math Sciences
Discipline Computer Science
Student Contribution Band HECS Band 2 10cp
Check your fees via the Fees (https://www.westernsydney.edu.au/ currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

## Assumed Knowledge

Completed the bachelor's degree subjects in the students primary discipline.

## 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/ <br> Group Task |
| :---: | :---: | :---: | :---: | :---: |
| Proposal | 1,000 words | 20 | N | Individual |
| Report | 4,000 words | 45 | N | Group |
| Presentation | 30 mins including question time. | 25 | N | Group |
| Self- <br> Assessment | N/A | 10 | N | Individual |

