

The Degree of Master of Artificial Intelligence (MAI – 180 points)

These regulations must be read in conjunction with the General Regulations for the University.

1. Version

- (a) These Regulations will come into force on 1 January 2023.
- (b) This degree will first be offered in 2023.

2. Variations

In exceptional circumstances the Executive Dean of Science or delegate may approve a personal programme of study which does not conform to these regulations.

3. The structure of the qualification

To qualify for the Master of Artificial Intelligence a student must be credited with a minimum of 180 points towards the qualification; including

- (a) 120 points from Schedule C to these regulations; and
- (b) 60 points from Schedule E.

4. Admission to the qualification

To be admitted to the Master of Artificial Intelligence a student must have:

- (a) Satisfied the Admission Regulations for admission to the University; and
- (b) qualified with a Bachelor's degree in the field of computer science or a related field with either:
 - i. a B Grade Average in 60 points of 300-level COSC courses; or
 - ii. a B Grade Average in 60 points of 300-level courses and recognition of prior learning and/or experience in the field, including any qualifying programme, as approved by the Head of Department; and
- (c) been approved as a candidate for the degree by the Executive Dean of Science or delegate.

5. Subjects

The degree will be awarded without endorsement, majors or minors.

6. Time limits

This qualification adheres to the general regulations of the University with a time limit of 36 months.

7. Transfers of credit, substitutions and cross-credits

This qualification adheres to the General Conditions for Credit and Transfer Regulations, with no additional stipulations.

8. Progression

This qualification adheres to the general regulations to the University with the following stipulations:

- (a) A student may not fail more than 15 points in this qualification.

9. Honours, Distinction and Merit

This qualification adheres to the General Regulations for the University and may be awarded with distinction and merit.

10. Exit and Upgrade Pathways to other Qualifications

- (a) A student who has not met the requirements of the Master of Artificial Intelligence may apply to the Executive Dean of Science or delegate for admission and transfer of credit to either of these programmes:
 - i. Postgraduate Certificate in Science;
 - ii. Postgraduate Diploma in Science; or
 - iii. Master of Science with Part I completed.

Schedule C: Compulsory Courses for the Degree of Master of Artificial Intelligence

For full course information, go to www.canterbury.ac.nz/courses

- (a) COSC681 - AI Project (60 points)
- (b) Coursework component: 60 points comprising of the following courses (all NZQF level-8 or higher)
 - i. PHIL425 AI Ethics (15 points)
 - ii. COSC401 Machine Learning (15 points)
 - iii. COSC440 Deep Learning (15 points)
 - iv. COSC428 Computer Vision (15 points)

Schedule E: Elective Courses for the Degree of Master of Artificial Intelligence

- (a) COSC401-449, COSC469, COSC471-474, COSC477-479
- (b) SENG401, SENG403-499
- (c) DATA425, DATA430-439
- (d) ENCE461, ENME484
- (e) Up to 30 points from non-project courses in MATH, MBIS or STAT at 400 or 600-level, MAOR404, or other courses approved by the Director of Studies