MASTER OF APPLIED CYBERNETICS

2020 FAQ DOCUMENT

3AINSTITUTE.ORG
FREQUENTLY ASKED QUESTIONS

Where can I find the application pack for the 2020 3Ai Master of Applied Cybernetics?

- The application pack is available on our website: 3ainstitute.org. You can also click here to download a PDF version of the application pack directly.

When and how can I apply for the 2020 3Ai Master of Applied Cybernetics?

- The call for applications will launch on 19 July 2019 and the selection process will take place throughout August to November 2019. Download the application pack for all the details.

How will you select the 2020 cohort for the 3Ai Master of Applied Cybernetics?

- We will review all applications received against the advertised admission requirements (listed under “Student Profile” in the application pack). The admission requirements of the Master of Applied Cybernetics must be met for you to be eligible to apply. We expect to receive a large number of eligible applications and will rank applications based on competitiveness of eligible applicants. We therefore strongly encourage all applicants to address the “additional elements” (listed under “Student Profile” in the application pack) in their initial application and throughout the later stages of the selection process (i.e. interviews).

Who will select the 2020 cohort for the 3Ai Master of Applied Cybernetics?

- The applications will be reviewed by a selection panel of ANU staff from the 3A Institute and beyond.

I don’t meet all the minimum selection criteria for the 3Ai Master of Applied Cybernetics but I will by February 2020, should I apply?

- The selection panel will review all applications received and make informed decisions on the basis of the information provided.

What is the difference between the ‘Master or Applied Cybernetics’ and the ‘New Applied Science’?

- The Master of Applied Cybernetics is the name of the 3Ai’s postgraduate offering in 2020. The New Applied Science (as yet unnamed) is the placeholder title for the 3Ai’s intellectual framework, which aims to address managing artificial intelligence at scale. The Master of Applied Cybernetics is an education program that is built from this intellectual framework. It is also a pathway to test and develop this framework in collaboration with Masters’ participants.

What degree will I be enrolled in?

- Selected applicants will apply for admission into an ANU Master of Applied Cybernetics in the College of Engineering and Computer Science (CECS) at the Australian National University.

You mentioned that 24 out of 72 units of the Master of Applied Cybernetics may be offset through credit, how does this work?

- A 72-unit degree typically requires 1.5 years of study to be completed. Granting 24 units of credit will enable you to graduate with the Master of Applied Cybernetics degree within the February 2020 – February 2021 period. Under ANU guidelines, applicants with a graduate qualification or undergraduate Honours degree, in a cognate discipline may be eligible for credit. Upon selection into the Master of Applied Cybernetics, eligible participants will be invited to submit
an application for up to 24 units of credit, to be granted on the basis of their existing qualifications.

- If you are not granted 24 units of credit toward the Master of Applied Cybernetics, the total duration of the degree will be 1.5 years. In addition to the first year of study, you will be required to complete the following 3Ai courses:
  - Cybernetics and Cyber-physical Systems | 6 Units
  - Scaling Systems Safely | 6 units
  - Projects in Applied Cybernetics | 12 units

- These courses will be delivered in an intensive and/or flexible format, designed to enable you to complete your studies while resuming full-time work and other commitments, if required.

I cannot meet all the commitments outlined in the previous answer, is it OK if I miss out on some of the courses or activities?

- It is a requirement for the 3Ai Master of Applied Cybernetics that all applicants are able to commit full-time between February 2020 and February 2021, in person, on the ANU campus in Canberra, ACT.

Is it possible to maintain full-time or part-time work during this program provided it doesn’t clash with class contact hours?

- Due to the nature of the intensive program, group-work requirements and additional opportunities provided to students to participate in 3Ai non-coursework activities, it is highly challenging to maintain all but the most minimal and flexible external work commitments.

What happens if I get sick or am no longer able to commit to the 3Ai Master of Applied Cybernetics due to an unforeseen change in circumstances?

- We realise that life sometimes gets in the way of best-laid plans. If your circumstances change and you are no longer able to commit to the 3Ai Master of Applied Cybernetics, the 3Ai team will work with you to find the best way forward based on your circumstances.

How many students will you accept for 2020?

- We are aiming to have a small cohort of student participants in the 2020 cohort of the 3Ai Master of Applied Cybernetics degree. In 2019, we had 16 students, but we reserve the right to alter this upwards or downwards as we see fit.

What are the fees for the Master of Applied Cybernetics?

- All participants in the Master of Applied Cybernetics in 2020 will have their fees waived to reward their commitment to rigorous collaboration on building the new applied science through learning and research.

Will students receive a scholarship for living expenses and what is the amount?

- Scholarships may be available to students enrolled in the Master of Applied Cybernetics 2020 cohort. More information on the nature of scholarships will be available later in the application process.

Who will be teaching the courses?

- Teaching of the courses will be led by the 3Ai team (see our website for their details), overseen by Distinguished Professor Genevieve Bell, and with contributions by a range of visiting experts from around ANU, Australia and the world.

- Students will have daily contact with the 3Ai team and on average fortnightly contact with Professor Bell.
I can’t commit to these courses for 2020 but I am still interested – will you running it again in 2021?

- Yes, the Master of Applied Cybernetics will be offered in 2021 through a competitive application process.
- We are aiming to have a range of educational options for potential students available from 2021. Sign up to our mailing list to be the first to hear about them.

Will I need to commit 40 hours a week every week between February 2020 and February 2021 to complete the intensive, in-person component of the 3Ai Master of Applied Cybernetics?

- You will need to commit 40 hours per week to the program during the ANU Semesters 1 & 2 2020, and ANU Summer session 2021, as follows:

<table>
<thead>
<tr>
<th>Academic period: On-campus delivery</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Monday 10 February – Friday 14 February 2020</td>
<td>“Introduction week”: meet and greet, plus overview of the 3Ai postgraduate courses</td>
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<tr>
<td>Monday 10 February – Monday 6 April 2020</td>
<td>Orientation weeks + First half of Semester 1 2020</td>
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<tr>
<td>Tuesday 20 April – Friday 20 June 2020</td>
<td>Second half of Semester 1 2020, including exam period</td>
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<tr>
<td>A 2-day block between Monday 24 June and Friday 19 July 2020 (exact dates TBC)</td>
<td>Intermediate group reflection exercise on the 3Ai postgraduate courses facilitated by 3Ai team</td>
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<tr>
<td>Monday 27 July – Friday 7 September 2020</td>
<td>First half of Semester 2 2020</td>
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Monday 21 September – Friday 21 November 2020

Monday 24 November – Friday 28 November 2020 (exact dates TBC)

Monday 4 January – Friday 19 February 2020

Summer session period

Monday 22 February 2021 – Friday 19 June 2021

Semester 1, 2021 run as flexible learning modules online.