

Master of Data Science (240 pts) Enrolment and programme information

The Master of Data Science (240 pts) (MDataSci) is a two-year programme (when studied full-time).

For entry to the programme, you must have an undergraduate degree in Computer Science OR Statistics or equivalent.

Students who have a background in Computer Science are required to enrol in the Statistics bridging courses STATS 707 (Semester One) and STATS 765 (Semester Two).

Students who have a background in Statistics are required to enrol in the Computer Science bridging courses COMPSCI 717 (30 points) and COMPSCI 751 (both in Semester One).

Some students may be required to enrol in a combination of these bridging courses.

These courses, taken in your first semester or first year, ensure that you have the knowledge and skills to continue to the required courses in Computer Science and Statistics, and are designed to fill in the “missing” major.

You should be advised of your required bridging courses with your offer. If you have not been informed of which courses to enrol in, please contact the [Academic Advisers](#).

Master of Data Science 240 points

45 points: COMPSCI 752, 760, STATS 769

15 points from: STATS 762, 763

60 points from COMPSCI 717, 751, 762, DATASCI 709, STATS 707, 709, 765, 782, other 700 level courses offered at this University approved by the Programme Director

a further 15 points from STATS 705, 730, 731, 763, 767, 784, 786, 787

at least 15 points from COMPSCI 711, 720, 734, 750, 753

up to 45 points from COMPSCI 705, 715, 732, 761, 765, 767, DIGIHLTH 701-706, ENGSCI 711, 755, 760, 761, 763, 765, INFOSYS 700, 720, 722, 757, MATHS 715, 761, 765-767, 769, OPSMGT 741, 752, 766, SCIENT 701, STATS 710, 726, 732, 770, 780, any courses listed elsewhere in this schedule or other 700 level courses offered at this University approved by the Programme Director

15 points: DATASCI 779

30 points: DATASCI 791 Research Project

What do I need to know when choosing my courses?

In addition to the required bridging courses, many courses have pre-requisites that you must meet for enrolment.

For students with a Computer Science background, you must take STATS 707 and 765 before you can enrol in STATS 762 and 769. These courses are only offered in specific semesters, so you will take STATS 707

(Semester One), STATS 765 (Semester Two), STATS 762 (Semester Three) and STATS 769 (Semester Four). Most students will be required to take COMPSCI 762 and can take this course alongside STATS 707 and COMPSCI 752 in their first semester. COMPSCI 762 is the pre-requisite for the required course COMPSCI 760.

If you think you might meet the pre-requisites to take COMPSCI 760 directly, please contact the [Academic Advisers](#) to check.

For students with a Statistics background, you must take COMPSCI 717 and 751 before you can enrol in COMPSCI 752 and COMPSCI 762 (which is required for COMPSCI 760). These courses are only offered in specific semesters, so you will take COMPSCI 717 and 751 (Semester One), COMPSCI 752 and 762 (Semester Three) and COMPSCI 760 (Semester Four). Students who have not taken STATS 330 at the University of Auckland are advised to take STATS 762 and can take this course in their first semester, alongside COMPSCI 717 and 751. You will take STATS 769 in your second semester. If you think you might meet the pre-requisite to take STATS 763 directly, please contact the [Academic Advisers](#) to check.

For all students in the 240 pt Master of Data Science, DATASCI 779 must be taken in your third semester. DATASCI 791 must be taken full-time (30 pts) in your final semester. No part-time version of the research project course is available.

When planning your course of study, we recommend mapping out the required courses and in which semesters you will take these courses, then fitting your other courses around these.

In addition to the required courses, you will choose a Statistics "elective" course, a Computer Science "elective" course, and three other elective courses. You need to carefully check the course outlines and course prescriptions to make sure you meet the pre-requisites or have the recommended preparation for these courses. You may need to submit an [enrolment concession](#) for approval to be enrolled in courses.

We recommend you check the [enrolment deadlines](#). You should enrol in your courses as soon as possible to ensure that you get a space. Courses have limits on numbers, and not all courses are run each semester or each year. You can add and drop courses within the first two weeks of the semester. All enrolments must be completed by the end of the second week.

In all cases we recommend discussing your course of study with the [Academic Advisers](#).

Master of Data Science (180 pts)

Enrolment and programme information

The Master of Data Science (180 pts) (MDataSci) is a three-semester programme (when studied full-time).

For entry to the programme, you must have either an undergraduate degree in Computer Science AND Statistics or in Data Science.

Master of Data Science 180 points

45 points: COMPSCI 752, 760, STATS 769
15 points from: STATS 762, 763

a further 15 points from STATS 705, 730, 731, 763, 767, 784, 786, 787
at least 15 points from COMPSCI 711, 720, 734, 750, 753
up to 45 points from COMPSCI 705, 715, 732, 761, 762, 765, 767, DIGIHLTH 701-706, ENGSCI 711, 755, 760, 761, 763, 765, INFOSYS 700, 720, 722, 757, MATHS 715, 761, 765-767, 769, OPSMGT 741, 752, 766, SCIENT 701, STATS 710, 726, 732, 770, 780, 782, any courses listed elsewhere in this schedule or other 700 level courses offered at this University approved by the Programme Director
15 points: DATASCI 779
30 points: DATASCI 791 Research Project

What do I need to know when choosing my courses?

Many courses have pre-requisites that you must meet for enrolment. If a course doesn't have formal pre-requisites, it may still have recommended courses. Additionally, not all courses are offered each semester or each year.

You need to carefully check the course outlines and course prescriptions to make sure you meet the pre-requisites or have the recommended preparation for these courses. You may need to submit an [enrolment concession](#) for approval to be enrolled in courses. You should also check which semester courses are offered in.

When planning your course of study, we recommend mapping out the required courses and in which semesters you will take these courses, then fitting your other courses around these.

Semester One start: We strongly recommend enrolling in COMPSCI 752 and DATASCI 779 in your first semester. Most students will be required to take COMPSCI 762 and should take this in the first semester. COMPSCI 762 is the pre-requisite for the required course COMPSCI 760. Students who have not taken STATS 330 at the University of Auckland are advised to take STATS 762 and should take this in their first semester. If you think you might meet the pre-requisites to take COMPSCI 760 and/or STATS 763 directly, please contact the [Academic Advisers](#) to check. STATS 769 must be taken in your second semester. COMPSCI 760 can be taken in your second or third semester, following a pass in COMPSCI 762.

Semester Two start: We recommend enrolling in STATS 769 in your first semester, alongside elective courses. If you think you might meet the pre-requisites to take COMPSCI 760 and/or STATS 763 directly, please contact the [Academic Advisers](#) to check. You will take COMPSCI 752 and DATASCI 779 in your second semester. Students who have not taken STATS 330 at the University of Auckland are advised to take STATS 762 and will take this in their second semester. If you are required to take COMPSCI 762, you will take this in your second semester and COMPSCI 760 in your third semester.

For all students, DATASCI 791 must be taken full-time (30 pts) in your final semester. No part-time version of the research project course is available.

In addition to the required courses, you will choose a Statistics "elective" course, a Computer Science "elective" course, and three other elective courses.

We recommend you check the [enrolment deadlines](#). You should enrol in your courses as soon as possible to ensure that you get a space. Courses have limits on numbers, and not all courses are run each semester or each year. You can add and drop courses within the first two weeks of semester. All enrolments must be completed by the end of the second week.

In all cases we recommend discussing your course of study with the [Academic Advisers](#).

Other important information

- Full-time students must complete the programme within four semesters (240 pts) or three semesters (180 pts).
- Enrolment in the programme must be continuous. If you need to take a break for exceptional circumstances, please contact the [Academic Advisers](#).
- A GPA of 4.0 is required across the first 120 pts (240 pts) or 60 pts (180 pts) to remain in the programme and be eligible to undertake a research project. Students who don't meet this requirement cannot continue in the programme.
- Students who fail more than two courses (30 pts) will not be permitted to continue in the programme.