MAX Programme: Course Logistics

Paddy and Peter, MAX Lecturers
Eligibility for the MAX programme

To be admitted to the MAX programme, you need to have the consent of the University of Auckland's Department of Mathematics. The Department of Mathematics asks prospective students to meet the following criteria:

▶ You must be currently attending high school.
▶ You should have a good grasp of Year 13 Mathematics.
▶ You should also have a solid recommendation from your school’s Head of Mathematics.
▶ Prospective distance students should have good access to computers, the internet, and work well on their own.
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You also need to satisfy the University of Auckland’s requirements\textsuperscript{1} for discretionary entrance:

\begin{itemize}
  \item Age: between 16 and 20.
  \item Nationality: NZ/Aus citizen or permanent resident.
  \item The University’s Literacy/Numeracy Entrance requirements:
    \begin{itemize}
      \item Literacy: 5\textsuperscript{+} credits in reading and 5\textsuperscript{+} in writing.
    \end{itemize}
  \item You must have 80\textsuperscript{+} credits at level 2 or higher (from 4\textsuperscript{+} NZQA UE-approved subjects, 16\textsuperscript{+} credits per subject.)
  \item Have a positive recommendation from your school principal with respect to your maturity.
  \item Have a high number of merit/excellence grades.
\end{itemize}

\textsuperscript{1}For details, see the University of Auckland’s requirements for discretionary entrance students.

\textsuperscript{2}International students will need to apply for full entrance to the University, which is harder but not impossible.
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Structure of the MAX programme

The MAX programme is a university-level course. Its structure is quite different to other classes:

▶ We meet once weekly on Tuesdays during school term, from 4:30pm-7:20pm.
▶ Each session consists of a 50-minute lecture, a 50-minute tutorial/lab, and a second 50-minute lecture, with short breaks in between.
▶ Between classes, students are expected to spend a lot of time working and studying (7h/week.)
▶ Think carefully about whether this is a commitment you want to take on!
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Assessment / Role in BSc+BE(Hons)

Your grade in MAX is measured as follows:

- Labs (20%, weekly)
- Final project (10%)
- Mid-semester test (20%)
- Exam (50%)

MAX is equivalent to Maths 162 in the BSc and (roughly) equivalent to ENGGEN 131 in the BE(Hons) programmes.

Completing MAX can let you “skip” one class ahead in either of these degrees!
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