



Mathematical Association of New South Wales Inc.

MANSW - Promoting Quality Mathematics Education for All

MANSW's HSC Subject Selection Advice for Students

The MANSW Executive Committee has been concerned for some time about the decline in the number of students who complete Mathematics (2 Unit) for the HSC and the subsequent increase in the number of students doing Mathematics General or no mathematics in Years 11 and 12.

MANSW believes that there are many reasons for this trend. The members of the MANSW Executive Committee are working to address a number of these issues. One of these is the advice that students receive when they choose their senior subjects during Year 10 and then re-evaluate their decisions during Years 11 and 12.

In June 2015 MANSW published, for the first time, some advice about Mathematics General and Mathematics (2 Unit). A pdf version of this document is available from:

<http://www.mansw.nsw.edu.au/resources/public-resources>

It is accompanied by three online videos:

- An 18-minute explanation of some of the issues raised in the booklet, available here:
https://www.youtube.com/watch?v=eTyuvMu_v6o&feature=youtu.be
- A 4-minute interview with a student who accepted some questionable advice:
<https://www.youtube.com/watch?v=gveXUaUiv3I&feature=youtu.be>
- A 18-minute video by Associate Professor Leanne Rylands about the importance of choosing an appropriate level of mathematics to prepare for university studies:
<https://www.youtube.com/watch?v=n7JMwwWCwJs&feature=youtu.be>

Thank you to those schools that have already shared this information with their students.

If the students in your school have not received this information, please consider sharing it with them.

In the time since this document was first published, The University of Sydney announced the introduction of prerequisites, starting in 2019. Students in Year 10 2016 and beyond will need to score a Band 4, 5 or 6 in Mathematics (2 Unit) in order to enter first year subjects in a wide range of economics, commerce, science and engineering degrees.

Please email projects@mansw.nsw.edu.au if you have any feedback on these publications or require additional information.

MANSW Executive Committee

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