First Year Enrolment Guide 2020

Faculty of Engineering and Information Sciences

Course Name: Bachelor of Mathematics Advanced  
Course Code: 762A  
Major: all majors  
UAC Codes: 756512

Wollongong

COMPULSORY SUBJECTS – Bachelor of Mathematics Advanced - all majors

Students must enrol in the following subjects:

<table>
<thead>
<tr>
<th>Spring Session (2020)</th>
<th>Autumn Session (2021)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH123* Discrete Mathematics and Difference Equations</td>
<td>MATH201 Multivariate and Vector Calculus</td>
</tr>
<tr>
<td>MATH188** Mathematics 2: Series and Integral Calculus</td>
<td>MATH202 Differential Equations: Analysis and Applications</td>
</tr>
<tr>
<td>CSIT111 Programming Fundamentals</td>
<td>MATH222 Real Analysis</td>
</tr>
<tr>
<td>STAT101 Introduction to Statistics</td>
<td>STAT201 Random Variables and Estimation</td>
</tr>
</tbody>
</table>

ELECTIVE SUBJECTS

Electives may be chosen from the Mathematics Schedule or General Schedule.

MAJORS

In this degree students will complete a major in mathematics and/or statistics. The first year program is the same for each major, and therefore the major does not need to be selected until second year. However, if you wish to complete a second major in another discipline (eg Accountancy, Management, Computer Science, etc) please consult the Academic Program Director for assistance in planning your program now.

NOTES

* Students could choose a general elective instead of MATH123.  
** To substitute for MATH110. MATH188 pre-requisite will be waived for BMathAdv students.

Students with credit transfer subjects on their offer should consult an Academic Program Director for a program of study.

Advanced students are required to maintain an average mark of 80% each year in order to continue in the program.

NEED HELP?

If you have any questions about your enrolment or studying at UOW, please enquire here or call our team on 1300 367 869. You can also refer to our enrolment FAQs page for self-help options.

Academic Program Director  
Dr Xiaoping Lu – xplu@uow.edu.au