

Applied Mathematics (specialisation of Mathematics and Statistics major)

| Year and Campus: | 2015 | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------|----------------------------|----------------|----------------------------|------------------------|-------|--|------------|-------|---------|----------------------------|----------------|--------------------------------|------------|-------|--|------------|-------|---|------------|-------|
| Coordinator: | See Mathematics and Statistics major | | | | | | | | | | | | | | | | | | | | | |
| Contact: | See Mathematics and Statistics major | | | | | | | | | | | | | | | | | | | | | |
| Overview: | Applied Mathematics specialisation within the Mathematics and Statistics major | | | | | | | | | | | | | | | | | | | | | |
| Learning Outcomes: | See Mathematics and Statistics major | | | | | | | | | | | | | | | | | | | | | |
| Structure & Available Subjects: | Completion of 50 points of study at Level 3. | | | | | | | | | | | | | | | | | | | | | |
| Subject Options: | <p>Both of:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30021 Complex Analysis</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30028 Numerical and Symbolic Mathematics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus two electives selected from:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30001 Stochastic Modelling</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30030 Applied Mathematical Modelling</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MAST30031 Methods of Mathematical Physics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> | Subject | Study Period Commencement: | Credit Points: | MAST30021 Complex Analysis | Semester 1, Semester 2 | 12.50 | MAST30028 Numerical and Symbolic Mathematics | Semester 2 | 12.50 | Subject | Study Period Commencement: | Credit Points: | MAST30001 Stochastic Modelling | Semester 2 | 12.50 | MAST30030 Applied Mathematical Modelling | Semester 1 | 12.50 | MAST30031 Methods of Mathematical Physics | Semester 2 | 12.50 |
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| MAST30021 Complex Analysis | Semester 1, Semester 2 | 12.50 | | | | | | | | | | | | | | | | | | | | |
| MAST30028 Numerical and Symbolic Mathematics | Semester 2 | 12.50 | | | | | | | | | | | | | | | | | | | | |
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| MAST30001 Stochastic Modelling | Semester 2 | 12.50 | | | | | | | | | | | | | | | | | | | | |
| MAST30030 Applied Mathematical Modelling | Semester 1 | 12.50 | | | | | | | | | | | | | | | | | | | | |
| MAST30031 Methods of Mathematical Physics | Semester 2 | 12.50 | | | | | | | | | | | | | | | | | | | | |
| Notes: | This specialisation is available to new generation Bachelor of Science students (B-SCI). It is also available to Bachelor of Science students who commenced prior to 2008. The published structure of this specialisation/major includes subjects available in the current year. Pre-2008 Bachelor of Science students who completed one or more Level 3 science subjects towards this major prior to 2010 should contact the Science Student Centre for advice on appropriate subjects to complete this major. | | | | | | | | | | | | | | | | | | | | | |
| Related Majors/Minors/Specialisations: | Mathematics and Statistics | | | | | | | | | | | | | | | | | | | | | |