

**Queen Margaret College**  
**Year 12 and 13 Mathematical Studies SL**  
**International Baccalaureate Diploma Programme**

Course Component	Percentage of final grade	Internal / External	Proposed assessment date
Paper 1 (2 hours)	40%	External	Year 2, Term 3
Paper 2 (2 hours)	40%	External	Year 2, Term 3
Internal assessment	20%	Internal	Year 2, Term 3

### Course details

This course is available only at standard level, and is equivalent in status to mathematics SL, but addresses different needs. It has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities.

Students taking this course are well prepared for a career in social sciences, humanities, languages or arts. These students may need to utilize the statistics and logical reasoning that they have learned as part of the Mathematical Studies SL course in their future studies.

### Course Information

- The *Mathematics Club* students is staffed by teachers every week, usually one at lunchtime and one after school. Students can attend to do their homework or receive some extra help.
- Some more able students will have the opportunity to participate in competitions:
  - ✓ The *Australian Mathematics Competition* is held in August (entry fee approximately \$6.50).
  - ✓ The *Senior Mathematics Competition* is held in May (entry fee approximately \$5).
- Students must have a graphing calculator, preferably a Casio FX9750GII.

### Homework expectations

Your daughter should be learning at home for a total of at least 15 hours per week, across all subjects.

To achieve at a high level in this subject, students are expected to complete some homework during the week to consolidate their understanding of the material covered.

It is the responsibility of each student to catch up on any missed notes and exercises and this should be done in their own time. Regular weekly assignments will be given with questions from past IB examinations.

All students will be issued with individual workbooks (approximate cost \$34).