

THE UNIVERSITY OF SYDNEY
MATH2069/2969 DISCRETE MATHEMATICS AND GRAPH THEORY

Examination Information Sheet

Semester 1, 2009

- For general information about exams: from the University's 'Current Students' web-page, follow the links to 'Student Administration' and then 'Examinations'.
- Students enrolled in either MATH2069 or MATH2969 sit a single 2-hour exam in the same session, which is scheduled on **Tuesday June 23, 1.50pm–4pm**. You can get the exam location and your own seat number from MyUni after May 21.
- The exam is worth 60% of the raw mark for the unit. It is 2 hours long, plus 10 minutes reading time. No notes or books are allowed. A calculator is permitted.
- The paper comprises 6 multi-part questions worth 15 marks each, for a total of 90 marks. Note that there is no multiple-choice or short-answer section, as there has been in some previous years.
- **Important note:** the MATH2069 and MATH2969 exams have a 50% overlap, and appear in parallel in the same paper. Specifically, questions 1,3,5 are the same for both levels, so these should be answered by all students. For questions 2,4,6, the paper contains both the normal-level MATH2069 question and the (completely different) advanced-level MATH2969 question; these are printed on the same page with the MATH2069 question first and the MATH2969 question second, clearly identified by large bold-face warnings. **You may only answer the questions for the unit you are enrolled in; answers for the wrong unit's questions will not be marked.**
- The majority of the parts are of the same kind as tutorial/assignment questions. There are some parts which require only an answer, and others for which an explanation/proof is requested. There are also some parts which ask you to repeat an important definition or short proof from lectures.
- The exam papers do not include star-ratings of difficulty as in the tutorials, but as a rough guide: in the MATH2069 exam, approximately 66% of the marks are for questions which would not be starred, 21% are for one-star questions and 13% are for double-star questions. For the MATH2969 exam, the proportions are 50% unstarred, 30% one-star and 20% double-star.
- Past exam papers along with solutions and (in some cases) further comments are available from the MATH2069/MATH2969 web resources page.
- I will be attending a conference in Cambridge from June 4 to June 28, so I cannot provide pre-exam consultations in person. However, you can certainly email questions to A.Henderson@maths.usyd.edu.au. (Please provide references to the specific sections of the notes, tutorials etc. which your questions concern, and allow for some delay in responding caused by the time difference.)
- Examination results will be released online by Student Records progressively during July; the School of Mathematics and Statistics does not release exam results.