



07 January 2011

**To: Senior Mathematics Tutors (also by email to all college mathematics tutors)**

**Hilary Term 2011 – Teaching Information**

1. **MODS AND PART A COLLECTIONS** on Michaelmas Term lecture material have been revised and new versions are now on the web in the restricted Information for Teaching Staff Restricted Materials.

You will need your Mathematical Institute IT username and password to access these and some other material at <https://www.maths.ox.ac.uk/teaching-staff/restricted/past-collections>. If you have difficulty with this please contact the IT staff via [help@maths.ox.ac.uk](mailto:help@maths.ox.ac.uk).

2. **MuPAD**

Dr Wilkins (MuPAD Projects Coordinator) will be giving a lecture for all students taking MuPAD. It will be held at the University Museum from 2-3pm on Monday of Weeks 1 and 3.

***MuPAD Projects***

- The *Mathematics with MuPAD* course will continue this term. All first-year undergraduates taking Mathematics or Mathematics & Statistics must complete two MuPAD projects. These count towards Moderations. The deadlines for these projects are Friday 12 noon, Weeks 5 and 8. Project handbooks are available from reception at the Mathematical Institute or online at <http://www.maths.ox.ac.uk/courses/material/4546>

- **Late Submissions**

Candidates who miss the above deadlines may ask their college to apply to the Chairman of Mathematics for permission for late submission. Where there is a valid reason, the Chairman would normally approve the late submission without penalty. Where it is deemed that there is no valid reason the Chairman of Mathematics will advise the Moderators to apply a penalty of at least 5% of the MuPAD project mark.

***Demonstration Sessions***

This term, the MuPAD slots in Week 1 and 2 will be the same as those for weeks 7 and 8, respectively, of Michaelmas Term.

From Week 3 onwards, there are no fixed hours for each college, so your students may use the *small computer room* at the Department of Statistics whenever suits them at the following times:

Weeks 3,4,6,7 Mon-Fri 3pm-4pm

Weeks 5 and 8 Mon, Tues 3pm-4pm, Weds, Thurs 3pm-5pm, Fri 10am-12noon

3. **Mathematics and Philosophy**

A revised Handbook for this course is accessible via the website

<https://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses/mathspphil>. A hard copy is being sent to each first year student.



Please note that Mods Probability is an option for Part A Mathematics and Philosophy students for the current academic year students wishing to take this option no longer need special permission. Students may also, if they have the support of their Maths tutor, apply to the Joint Committee for Mathematics and Philosophy for approval to take one or more other options available for Mathematics Part A as listed in the Mathematics Part A supplement. Applications for special approval must be made through the candidate's college and sent to the Chairman of the Joint Committee for Mathematics and Philosophy, c/o Academic Administrator, Mathematical Institute, to arrive by **5pm, Monday of Week 2 of Hilary Term.**

#### 4. Hilary Term Lecture List

The lecture list can be found on the website; <https://www.maths.ox.ac.uk/notices/lecture-lists>.

#### 5. Intercollegiate Classes

In some areas there is a shortage of tutors and we may have to run classes with more than 12 students. Where this seems likely Sandy Patel will email you to alert you. She will ask colleges if they wish to withdraw their students. If the students DO attend, the college will be billed at the usual rate.

The report on classes for 2009/10 is posted at

<https://www.maths.ox.ac.uk/teaching-staff/restricted>

#### 6. Exam Entry

Mods and Part A students are entered automatically at registration.

For Parts B and C, students should enter for their exams via the college office by noon on Friday 28 January 2011.

Part B students should declare on their exam entry form their intention to take either the three-year (BA) or four-year (MMath/MMathPhil/MMathCom/MMathStats) course. From that point onwards the registration will be stored officially in the University Student Records system (OSS), and if the college wishes to check/change the registration after that date they will have to do it via that system.

#### 7. History of Mathematics

Please note that mini-projects must be handed in to the Examination Schools by noon on Friday of week 9 this term. Further details will be communicated to candidates via the Notices.

#### 8. Undergraduate Ambassadors Scheme

Please note the deadline for journals and reports for the Undergraduate Ambassadors Scheme is noon on Friday of 0<sup>th</sup> week Trinity Term.

#### 9. Extended Essays, Dissertations and Structured Projects

The deadline for extended essays and dissertations is 12 noon Friday week 9 of Hilary Term. Students need to submit four hard copies and one electronic copy. Supervisors continue to be involved in assessing projects. Details of the electronic submission will be included on the Notices to candidates.

#### 10. Lecture Allocation for 2011/2012

Bids for Mods and Part A lectures will be coordinated shortly. The current vacancies for Mods and Part A are as follows:

*Mods*

General Enquiries Tel: +44 (0)1865 273525 Direct: +44 (0)1865 615202

Fax: +44 (0)1865 273583 Email: [director-ugrad-studies@maths.ox.ac.uk](mailto:director-ugrad-studies@maths.ox.ac.uk) Web: <http://www.maths.ox.ac.uk>



Introduction to Pure Mathematics  
Introduction to Complex numbers  
Analysis I  
Dynamics  
Partial Differential Equations in Two Dimensions and Applications

*Part A*

Algebra (not the Rings lectures)  
Group Theory

Parts B and C will follow.

**11. Careers Event**

The Careers Service will be holding a Careers Event for undergraduate Mathematicians at the Mathematical Institute on Wednesday 9<sup>th</sup> February from 4-6pm. Details will be sent to tutors and students by email.

**12. Examiners Reports**

All examination reports including External examiners reports are now posted on-line and can be found at: <https://www.maths.ox.ac.uk/notices/exam-reports>

**13. Teaching Register**

The teaching register for graduate students and Post docs is available at:  
<https://www.maths.ox.ac.uk/notices/committees/teaching/reports/restricted/teaching-register>

**14. IBM Prize Presentation Evening**

IBM Prizes were awarded to Thomas Dawes, Magdalen College and Gergely Szucs, Balliol College, for their performance in Honour Moderations 2010.

Please encourage your students to attend an inaugural IBM Prize Presentation will be held on Monday 17<sup>th</sup> January (week 1) at 5pm in Lecture Room 2. Peter Covey-Crump, former Chief Mathematician of GCHQ, will be giving a lecture to celebrate this prize on 'The Mathematics of Change-Ringing'. This lecture will be of interest to all undergraduates.

The lecture and presentation will be followed by a drinks reception in the Common Room, at which students will have an opportunity to speak with the IBM representative and Peter Covey-Crump.

We anticipate that this will be a popular event so students are asked to reserve a place by emailing Mrs Helen Lowe ([loweh@maths.ox.ac.uk](mailto:loweh@maths.ox.ac.uk)).

**Dr R Earl**  
(Acting Director of Undergraduate Studies)