Guidance for students going into year 2 and 3

Choosing modules from outside the School is a good option to consider if you have a strong interest in a subject outside mathematics. Often taking a non-Pathway module will involve getting used to the different ways of thinking of another discipline, as well as potentially a different style of teaching and assessment. This can be rewarding and can provide a nice contrast to your mathematical modules. However, it can also be demanding and non-Pathway modules are not guaranteed to be clash free on your timetable. So, this is only an option to take if you have a particular interest in a different module.

- You should consider taking a non-Pathway module if;
  - you have a strong interest in a modules from another school;
  - you are prepared to adapt to the different ways of another discipline;
  - you have the time and willingness to explore your options and contact module organisers;
  - you accept that there’s a chance the module(s) might clash with some of your Pathway modules – Pathway modules will take priority over non-Pathway modules when we timetable them;

You should avoid taking an off-diet module if;
- you think it will be an easy option;
- you can’t think of what else to do;

If you decide to take a non-Pathway MTH module you’ll need to get approval from your Advisor and send this to maths@qmul.ac.uk. If you decide to take a non-MTH, non-Pathway module you’ll need to contact the module Home School (Module Organiser), to;
- check if they have space on their module;
- check that you meet an prerequisite or corequisite requirements for the module;
- obtain permission to take the module(s) from the Home School and forward this to the Educations Services Team via maths@qmul.ac.uk;
- **NOTE:** if the non-Pathway module you’re considering is from another School within the Faculty of Science and Engineering, in addition to module Home School permission, you’ll also need permission from the School of Mathematical Sciences Deputy Director of Education;
- **NOTE:** students are not permitted to choose modules from either the School Of Economics and Finance, or the School of Business and Management [ECN or BUS coded modules]

Don’t leave these checks until the last minute to ensure you get the chance to study the modules you want.
### YEAR 1

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<thead>
<tr>
<th>Semester 1 (4 modules)</th>
<th>Semester 2 (4 modules)</th>
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**YEAR 2**

At most 30 credits may be from outside the pathway.

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<tr>
<th>Semester 3 (4 modules)</th>
<th>Semester 4 (modules)</th>
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Choose **one** from:

Choose **two** from:
- MTH5103 [5] Complex Variables
- MTH5113 [5] Introduction to Differential Geometry
- MTH5105 [5] Differential and Integral Analysis
- MTH5114 [5] Linear Programming and Games

**YEAR 3**

The standard pathway is listed below. Modules outside these pathways may only be taken with School approval. At most 30 credits may be from outside the pathway. Please remember that you must pass at least six level 6 modules in year 3.

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<th>Semester 5 (4 modules)</th>
<th>Semester 6 (modules)</th>
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Choose **two** from:

Choose **two** from:
- MTH6142 [6] Complex Networks
- MTH6138 [6] Third Year Project (may be taken in either semester)
- MTH6110 [6] Communicating and Teaching Mathematics (by approval in semester A)

**YEAR 4**

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<th>Semester 7</th>
<th>Semester 8</th>
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Choose **two** modules from
- MTH709U [7] Bayesian Statistics
- MTH791U/P [7] Computational Statistics with R

Choose 45 credits from undergraduate MTH or SPA modules at level 7 (modules with the codes MTH7*U or SPA7*U).

[1] This does not apply to students who enrolled in September 2014 or before.