<table>
<thead>
<tr>
<th>Module Title</th>
<th>Masters Project and Dissertation</th>
<th>School</th>
<th>Mathematical &amp; Computer Sciences</th>
<th>On or Off-Campus</th>
<th>On-campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Co-ordinator</td>
<td>Hamish Taylor</td>
<td>SCQF Level</td>
<td>11</td>
<td>Module Code</td>
<td>F21MP</td>
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</tbody>
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1. **Pre-requisites**
   - MSc Level performance in taught modules and Grade D or above in F21RP Research Methods & Project Planning

2. **Linked Modules**
   - None

3. **Excluded Modules**
   - None

4. **Replacement Module**
   - Code:
   - Date Of Replacement:

5. **Availability as an Elective**
   - Yes [ ] No [✓]

6. **Degrees for which this is a core module**
   - Mandatory module for all MSc courses in the Computer Science PGT Programme

7. **Aims**
   - To provide the student with an opportunity to undertake extensive investigation of an advanced or specialised topic relating to their course.
   - To provide the opportunity to plan and execute a significant project of research, investigation or development.

8. **Syllabus**
   - This module concerns requirements analysis, design, implementation and evaluation of software systems as appropriate to the specific MSc course, typically:
     - Requirements analysis of software and/or experimental studies on computer systems
     - Software and/or experimental design
     - Software prototyping and/or implementation of a significant software system OR conduct of substantial piece of empirical research
     - Evaluation of software system or experimental studies
     - Critical assessment of contributions to research or effectiveness of software solution.
     - Presentation of the whole project
### Module Title

**Masters Project and Dissertation**

### School

**Mathematical & Computer Sciences**

### Module Co-ordinator

Hamish Taylor

### SCQF Level

11

### Module Code

F21MP

### Semester

3

### Credits

60

### 9. Learning Outcomes (HWU Core Skills: Employability and Professional Career Readiness)

#### Subject Mastery

**Understanding, Knowledge and Cognitive Skills**

- Critical understanding of a specialised area including principal theories and concepts.

**Scholarship, Enquiry and Research (Research-Informed Learning)**

- Critical knowledge and skills in the application of requirements analysis, design, implementation and evaluation techniques.

#### Personal Abilities

**Industrial, Commercial & Professional Practice**

- Take responsibility for own work.

**Autonomy, Accountability & Working with Others**

- Communicate with peers, senior colleagues and specialists through an extensive dissertation and poster display.

**Communication, Numeracy & ICT**

- Develop original and creative responses.

- Apply critical analysis, evaluation and synthesis to advanced or specialised topics.

### 10. Assessment Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Duration of Exam (if applicable)</th>
<th>Weighting (%)</th>
<th>Synoptic modules?</th>
<th>Method</th>
<th>Duration of Exam (if applicable)</th>
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</thead>
<tbody>
<tr>
<td>Dissertation</td>
<td></td>
<td>90%</td>
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<td>Presentation</td>
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### 11. Re-assessment Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Duration of Exam (if applicable)</th>
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</thead>
<tbody>
<tr>
<td>None</td>
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### 12. Date and Version

<table>
<thead>
<tr>
<th>Date of Proposal</th>
<th>Date of Approval by School Committee</th>
<th>June 2010</th>
<th>Date of Implementation</th>
<th>15/9/2010</th>
<th>Version Number</th>
<th>3</th>
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