<table>
<thead>
<tr>
<th>Module Title</th>
<th>Software Engineering Master Class</th>
<th>School</th>
<th>Mathematical &amp; Computer Sciences</th>
<th>On or Off-Campus</th>
<th>On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Co-ordinator</td>
<td>Peter King</td>
<td>SCQF</td>
<td>11 Module Code F21SM Semester 2</td>
<td>Credits 15</td>
<td></td>
</tr>
</tbody>
</table>

1. Pre-requisites

None

2. Linked Modules (specify if synoptic)

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 for MEng Software Engineering
Optional for all courses in the CS PGT programme

7. Aims

To introduce students to the cutting edge of research in their field, using the guidance and expertise of active research groups.

To provide students with an opportunity to create and deliver a master-class on a topic to their peers.

8. Syllabus

Investigate a topic proposed and supervised by an academic

Develop training/teaching materials (lectures/labs/etc)

Self study
## Module Title
Software Engineering Master Class

## School
Mathematical & Computer Sciences

## On or Off-Campus
On

### Module Co-ordinator
Peter King

## SCQF Level
11

## Module Code
F21SM

## Semester
2

## Credits
15

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

#### Subject Mastery

*Understanding, Knowledge and Cognitive Skills*

- Demonstrate advanced, critical knowledge of a specialist area of software engineering/computer science.
- Apply appropriate technologies to develop and deliver learning materials on this topic.
- Demonstrate an awareness of current and emerging applications of, and alternatives to, the chosen topic.
- Provide appropriate answers to questions posed by peers on the chosen topic.
- Critically reflect on feedback provided by peers on the delivered learning materials.

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

#### Personal Abilities

*Industrial, Commercial & Professional Practice*

- Critically evaluate, review, analyse and organise complex, ambiguous and unreliable information sources.
- Develop original and creative solutions to, and judgements on, open-ended problems.
- Make presentations of complex material to professional audiences.

*Autonomy, Accountability & Working with Others*

*Communication, Numeracy & ICT*

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>Coursework</td>
<td></td>
<td>100%</td>
<td></td>
<td>Coursework</td>
<td>100%</td>
</tr>
</tbody>
</table>

### 12. Date and Version

<table>
<thead>
<tr>
<th>Date of Proposal</th>
<th>Date of Approval by School Committee</th>
<th>Date of Implementation</th>
<th>Date of Implementation</th>
<th>Version Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2007</td>
<td>December 2007</td>
<td>September 2008</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>