F19WA Year Abroad - Waterloo A

COURSE DETAILS
Course Code: F19WA
Full Course Title: Year Abroad - Waterloo A
SCQF Level: 9
SCAF Credits: 60
Available as Elective: No

DELIVERY LEVEL
Undergraduate: Yes  Postgraduate Taught: No  Postgraduate Research: No

Additional Information:

COURSE AIMS

In this module students will

- develop independent learning skills
- develop core technical skills in mathematics

LEARNING OUTCOMES – SUBJECT MASTERY

On completion of this module, and the linked module, students should be able to demonstrate an understanding of all the material in Stage 9 of the standard Heriot-Watt BSc Mathematics degree.

LEARNING OUTCOMES – PERSONAL ABILITIES

- Demonstrate the ability to learn independently, particularly through moving to a different country and engaging in a different culture
- Manage time, work to deadlines and prioritise workloads
- One component of the course abroad will focus specifically on personal development, in particular job hunting, report writing, work related ‘transferable skills’

SYLLABUS

The student will follow a pre-determined course of study at the University of Waterloo, Canada

COURSE RELATIONSHIPS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Level</th>
<th>Title</th>
<th>School</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>F18CD</td>
<td>8</td>
<td>Multivariable Calculus and Real Analysis A</td>
<td>School of Math and Comp Sci.</td>
<td>Pre-Requisite</td>
</tr>
<tr>
<td>F18CE</td>
<td>8</td>
<td>Multivariable Calculus and Real Analysis B</td>
<td>School of Math and Comp Sci.</td>
<td>Pre-Requisite</td>
</tr>
<tr>
<td>F18CF</td>
<td>8</td>
<td>Linear Algebra</td>
<td>School of Math and Comp Sci.</td>
<td>Pre-Requisite</td>
</tr>
<tr>
<td>F19WB</td>
<td>9</td>
<td>Year Abroad - Waterloo B</td>
<td>School of Math and Comp Sci.</td>
<td>Linked</td>
</tr>
</tbody>
</table>

LOCATION AND ASSESSMENT METHODS

<table>
<thead>
<tr>
<th>Edi</th>
<th>SBC</th>
<th>Ork</th>
<th>Dub</th>
<th>Malay</th>
<th>IDL</th>
<th>COLL</th>
<th>ALP</th>
<th>OTH</th>
<th>Method</th>
<th>Weight</th>
<th>Exam</th>
<th>Mins</th>
<th>Type</th>
<th>Diet</th>
<th>Synoptic</th>
</tr>
</thead>
</table>

Page 1 of 2