C39SN Financial Derivatives

COURSE DETAILS
Course Code: C39SN
Full Course Title: Financial Derivatives
SCQF Level: 9
SCAF Credits: 15
Available as Elective: Yes

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

COURSE AIMS
To develop a thorough understanding of financial derivative instruments and introduce their applications in risk management.

LEARNING OUTCOMES – SUBJECT MASTERY
After completing this course, students should be able to

- understand the characteristics, pricing and uses of derivative instruments,
- discuss the theories relating to derivative instruments, calculate fair value of derivative contracts, and assess the merit of their use.

LEARNING OUTCOMES – PERSONAL ABILITIES
After this course, students should be able to

- write well constructed essays using well balanced arguments,
- critically evaluate relevant information gathered from a variety of sources,
- be aware of the different sources of information, their relevance and value, and how they can be used in the area of finance,
- be aware of the importance of financial theories to finance practitioners,
- develop an inquisitive mind, and evaluate rather than simply accept existing theories and concepts,
be aware of the importance of participating in open forum discussions, such as tutorials.

SYLLABUS

1. Forward and futures contracts
2. Hedging with forwards and futures
3. Options
4. Hedging and insuring with options
5. Swaps
6. Introduction to other derivative instruments (warrants and convertibles) and other option uses.

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>C38FM</td>
<td>8</td>
<td>Financial Markets Theory</td>
<td>School of Mgmt &amp; Languages</td>
<td>Pre-Requisite</td>
</tr>
<tr>
<td>C38FN</td>
<td>8</td>
<td>Corporate Financial Theory</td>
<td>School of Mgmt &amp; Languages</td>
<td>Pre-Requisite</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 Mins</th>
<th>Type</th>
<th>Diet</th>
<th>Synoptic Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Coursework</td>
<td>30</td>
<td></td>
<td>Assessment</td>
<td>Y</td>
<td>Semester 2</td>
</tr>
<tr>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Examination</td>
<td>70</td>
<td>120</td>
<td>Assessment</td>
<td>Y</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Examination</td>
<td>100</td>
<td>120</td>
<td>Assessment</td>
<td>Y</td>
<td>Semester 2</td>
</tr>
<tr>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td>Examination</td>
<td>100</td>
<td>120</td>
<td>Reassessment</td>
<td>Y</td>
<td>Semester 3</td>
</tr>
</tbody>
</table>