F21SM Software Engineering Master Class

COURSE DETAILS
Course Code: F21SM
Full Course Title: Software Engineering Master Class
SCQF Level: 11
SCAF Credits: 15
Available as Elective: No

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

COURSE 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.

LEARNING OUTCOMES – SUBJECT MASTERY
- 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 material.

LEARNING OUTCOMES – PERSONAL ABILITIES
- 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.

SYLLABUS
Investigate a topic proposed and supervised by an academic

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

Self study
COURSE RELATIONSHIPS

N/A

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