

ISCG6424: User Interface Design

Course number:	ISCG6424	Level:	6	Credits:	15
Main programme:	BCS				
Pre-requisites:	For BCS: ISCG5422 or ISCG5421 or ISCG5242 or ISCG5239 For GDCMP: ISCG5422 or ISCG5421 or ISCG5242 or ISCG5239				
Co-requisites:	BCS: ISCG5430 or ISCG5237				
Restrictions:	ISCG6230				
Compulsory/elective:	Elective				

Learning time: 150 hours

(Lecturer) Contact hours	Non-contact hours	Total hours
32.5	117.5	150

Level descriptor: The student is able to carry out processes that

- require a command of wide-ranging highly specialised technical or scholastic skills
- involve a wide choice of standard and non-standard procedures, often in non-standard combinations
- are employed in highly variable routine and non-routine contexts

employing

- specialised knowledge with depth in more than one area
- the analysis, reformatting and evaluation of a wide range of information
- the formulation of appropriate responses to resolve both concrete and abstract problems

and applied

- in managing processes
- within broad parameters for defined activities
- with complete accountability for determining and achieving personal and/or group outcomes.

Integrate

Estimate

Compare

Contrast

Differentiate

Course aim: To provide students with knowledge of the requirements of user interface design by using software to develop usable forms, prototype systems, and develop on-line documentation.

Learning outcomes:

	Learning outcomes
1.	Explain the fundamental principles of good forms design (GUI and text based).
2.	Develop user interface strategies.
3.	Explain the principles of prototyping.
4.	Design input and output screens and reports.
5.	Develop on-line help, on-screen documentation and on-line tutorials.