

Research Project (MIC)

Title:

Research Project (MIC)

Module/Course Code:

TBA

Module/Course Title:

Research Project (Medical Image Computing)

Details of any courses replaced by this course:

None.

Normal year of study:

MSc

Course level:

Postgraduate

Course value:

60 credits

Programmes in which this course is offered:

Mandatory for MSc Medical Image Computing.

Prerequisites:

None

Unsuitable for disabled?:

No

Exam Board:

Medical Physics and Bioengineering

Department teaching this course:

Medical Physics and Bioengineering

Course organiser:

Name: Dr David Atkinson

Email: D.Atkinson@ucl.ac.uk

Phone: 30201

Faculty:

Engineering Sciences

Can this course be taken as a short course?:

No.

Is this course open to part-time or affiliate students?:

The course is open to part-time students of the MSc in Medical Image Computing.

Availability:

The module is available only to students on the 'Medical Image Computing' MSc in the Engineering Faculty.

Learning time:

Lectures: 0

Tutorials: 10

Laboratory classes: 0

Report and presentation: 50

Independent project work: 440

Private Study: 0
Revision: 0
TOTAL: 500

Assessment:

Written exams (closed book): None
Written exams (open book): None
Oral exams or vivas: None
Written report: 75%.
Poster presentation: 10%.
Oral presentation: 15%.
Practical exams: None

Teaching load:

Lectures (incl. preparation): 0
Tutorials (incl. preparation): 10
Laboratory classes (incl. preparation): 0
Marking of coursework: 50
Assessment of posters: 5
Assessment of oral presentations: 8
Marking of exam scripts: 0
Annual revision time (e.g. revision of lecture notes and problem sheets): 0
Other annual administrative load related to this module: 20

If this course is taught in programmes with different level of award, give details.:

Not applicable

Educational aims:

* To provide students with a knowledge and understanding of research methods and project planning.

Course syllabus (outline):

Not applicable.

Intended learning outcomes:

Upon successful completion of this module, students will: * be able to undertake independent research work.

Reading list:

A reading list for the complete MSc in Medical Image Computing will be available from the course web site at <http://www.ucl.ac.uk/cmhc/msc>

Details of any distance learning available:

None available

Details of any offsite teaching:

Projects may take place offsite at collaborating institutions but will be monitored.

Starting and review dates:

Starting date: September 2007
Date of the last review: Not applicable
Date of the next review: September 2008

Other Departments to which access is required:

Projects may take place in other departments, especially Computer Science or the Institute of Child Health.

How will the course be monitored?:

Student questionnaires, staff/student committee, and periodic reviews by the Departmental Teaching Committee

Student numbers:

20 from MSc in Medical Image Computing at steady state.

UG/PG overlap:

None

Assessment at different levels:

N/A

Is this course taught by more than one Department? If so, give details.:

Not taught.

Proportion of teaching in other departments:

Not applicable

Additional costs to students:

None

Additional resources:

Project costs were included with the PIQ business case.

Setup costs:

Set up costs are covered by EPSRC CTA funding.

Knowledge:

* Specialist knowledge related to the specific research project will be gained by the student.

Knowledge teaching methods:

Specialist knowledge is acquired through independent research work and collaboration with others.

Knowledge assessment methods:

Written report, oral presentation and poster presentation.

Intellectual skills:

* The ability to analyse a problem and use appropriate scientific and professional tools to solve it. * The ability to evaluate and confront different methodologies of problem solving, development and design, develop critiques of them and propose alternative avenues where appropriate. * The ability to understand and analyse information and data. * Creativity and independence of judgement.

Intellectual skills teaching methods:

Intellectual skills are taught at the same time as specialist knowledge, using the same teaching methods.

Intellectual skills assessment methods:

Intellectual skills are assessed at the same time as specialist knowledge, using the same assessment method.

Practical skills:

* The ability to produce a research poster. * The ability to orally present research work. * The ability to write a significant research report.

Practical skills teaching methods:

Practical skills are an integral part of this module. They will be taught by independent learning and tutorial guidance.

Practical skills assessment methods:

Practical skills are assessed through the report, oral presentation and poster presentation.

Transferable skills:

* The ability to clearly present research work.

Transferable skills teaching methods:

Transferable skills are taught at the same time as specialist knowledge, using the same teaching methods.

Transferable skills assessment methods:

Transferable skills are assessed at the same time as specialist knowledge, using the same assessment method.

Amendments:

None.

Departmental approval:

Name:

Position:

Date:

External approval:

Name:

Position:

Date:

Faculty approval:

Name:

Position:

Date:

College approval:

Name:

Position:

Date:

[\[Home\]](#) [\[Up\]](#)