MRI and Biomedical Optics (MPHY0019)

Description
This module is an introduction to both magnetic resonance imaging (MRI) and Biomedical Optics as used in clinical applications, with an emphasis on the underlying physical principles.

It will provide a solid foundation for students who wish to:
1. Understand the physical principles of MRI and Biomedical Optics;
2. Understand how medical physics can be used to improve clinical practice;
3. Pursue research, or develop clinical or industrial applications, in MRI or Biomedical Optics;

Key information
- Year: 2018/19
- Credit value: 15 (150 study hours)
- Delivery: UG L6, Campus-based
- Reading List: View on UCL website
- Tutor: Dr Ben Cox
- Term: Term 2
- Timetable: View on UCL website

Assessment
- Coursework: 20%
- Written examination (main exam period): 80%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
Medical Physics and Biomedical Engineering

MRI and Biomedical Optics (MPHY0019)

Description
This module is an introduction to both magnetic resonance imaging (MRI) and Biomedical Optics as used in clinical applications, with an emphasis on the underlying physical principles.

It will provide a solid foundation for students who wish to:
1. Understand the physical principles of MRI and Biomedical Optics;
2. Understand how medical physics can be used to improve clinical practice;
3. Pursue research, or develop clinical or industrial applications, in MRI or Biomedical Optics;

Key information
- Year: 2018/19
- Credit value: 15 (150 study hours)
- Delivery: PGT L7, Campus-based
- Reading List: View on UCL website
- Tutor: Dr Ben Cox
- Term: Term 2
- Timetable: View on UCL website

Assessment
- Coursework: 20%
- Written examination (main exam period): 80%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
MRI and Biomedical Optics (MPHY0019)

Description
This module is an introduction to both magnetic resonance imaging (MRI) and Biomedical Optics as used in clinical applications, with an emphasis on the underlying physical principles.

It will provide a solid foundation for students who wish to:
1. Understand the physical principles of MRI and Biomedical Optics;
2. Understand how medical physics can be used to improve clinical practice;
3. Pursue research, or develop clinical or industrial applications, in MRI or Biomedical Optics;

Key information
- **Year**: 2018/19
- **Credit value**: 15 (150 study hours)
- **Delivery**: UGM L7, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Dr Ben Cox
- **Term**: Term 2
- **Timetable**: View on UCL website

Assessment
- Written examination (main exam period): 80%
- Coursework: 20%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.