

DEPARTMENT OF MATERIALS

DIVISION OF MATHEMATICAL, PHYSICAL AND LIFE SCIENCES

LECTURE LIST FOR TRINITY TERM 2022

Lectures begin on the first possible day after the beginning of Full Term (Sunday, 23 April) unless otherwise stated

Unless otherwise indicated, all lectures begin on the hour and finish at five minutes before the next hour.

No food or drink (except bottled water) is permitted in the lecture theatres.

Timetable for Materials Science

Key to Teaching Venue Abbreviations:

HRLT	Hume-Rothery Lecture Theatre, Hume-Rothery Building
BRLT	Banbury Road Lecture Theatre, 21 Banbury Road
LR3	Lecture Room 3, Thom Building (Eng Sci)
LR8 IEB	Lecture Room 8, Information Engineering Building
ETBCR	ETB Committee Room, Engineering Technology Building
BRCR	Banbury Road Conference Room, 21 Banbury Road
HRMR	Hume-Rothery Meeting Room, Hume-Rothery Building
HBTL	Holder Building Teaching Labs, Holder Building
HRF	Hume-Rothery Foyer, Hume-Rothery Building
RR	Rex Richards Meeting Room, Rex Richards Building

Subject	Lecturer	Time	Place
FIRST YEAR			
Practical Classes Meeting	Prof. S. Lozano-Perez	M. 9.30-10 (<i>wk 1</i>)	HRLT
Practical Classes	Prof. S. Lozano-Perez	W.– F. 2-5 (<i>wks 1-2</i>)	HBTL
Introduction to Y2 Options	Prof. T.J. Marrow & Ms. P. Moss	T. 12 (<i>wk 8</i>)	HRLT
² Exchange Safety Lecture	Prof. A.A.R. Watt	Th. 12 (<i>wk 4</i>)	HRLT
² 1:1 Review of Exchange Risk Assessments	Prof. A.A.R. Watt	Th. 2-5 (<i>wk 5</i>)	ETBCR
Materials Science 1: Physical Foundations of Materials			
Wave Mechanics, Quantum Theory and Bonding	Prof. P.D. Nellist	M. W. Th. F. 12 (<i>wk 1</i>)	HRLT
Materials Science 2: Structure and Mechanical Properties of Materials			
Mechanical Properties	Prof. D.E.J. Armstrong	M. W. Th. F. 10 (<i>wks 1,3</i>) T. W. 10 (<i>wks 2,4</i>)	HRLT
Materials Science 3: Transforming Materials			
Microstructure & Processing of Materials II	Prof. C.R.M. Grovenor	Th. F. 9 (<i>wk 1</i>) T. W. 9 (<i>wk 2</i>) W. Th. F. 9 (<i>wk 3</i>) T. 9 (<i>wk 4</i>)	HRLT
Mathematics for Materials Science			
Ordinary & Differential Equations	Dr A.A. Sheader	W. 9 (<i>wk 1</i>)	HRLT

SECOND YEAR			
GP1:			
Lifecycle, Processing & Engineering of Materials			
Selection & Production of Engineering Materials	Prof H.E. Assender & Prof M.L. Galano	T. 10, W. 10, F. 11 (<i>wks 1-2</i>)	BRLT
Processing for Control of Materials Properties and Performance	Dr Y. Tang & Prof A.J. Wilkinson	T. 9, F. 10 (<i>wk 2</i>) M. 11, Th. 9, F. 10 (<i>wk 3</i>) M. 11, F. 9-11 (<i>wk 4</i>) M. 11, T. 9, F. 10 (<i>wks 5,7</i>) M. 11, T. 9 (<i>wks 6</i>)	BRLT
GP2:			
Electronic Properties of Materials			
Semiconductor Materials & Devices	Dr C.S. Allen & Prof R.S. Bonilla	M. 12 (<i>wks 1,3-4</i>) W. 11 (<i>wks 1-3</i>) Th. 11 (<i>wks 1-4</i>)	BRLT
Electrical & Optical Properties of Materials	Prof M.R. Castell	T. Th. 12 (<i>wks 1-3</i>) F. 12 (<i>wks 1,3</i>)	BRLT
Magnetic Properties of Materials	Prof J.R. Yates	F. 9 (<i>wk 3</i>) T. W. F. 12 (<i>wk 4</i>) M. T. W. 12 (<i>wks 6-7</i>)	Online BRLT
GP4:			
Structure & Thermodynamics of Materials			
Structural & Compositional Characterisation of Materials	Prof M.P. Moody	T. W. 11 (<i>wks 4-6</i>) Th. 10 (<i>wk 4-5</i>)	BRLT
Other Lectures			
Practical Class Meeting	Prof. S. Lozano-Perez	M. 11 (<i>wk 1</i>)	BRLT

Subject	Lecturer	Time	Place
Practical Classes	Prof. S. Lozano-Perez	M.- Th. 2-5 (wks 1-8)	HBTL
Industrial Visit	Dr E. Liotti	Th. 11-12.30	Via Teams
Presentation Skills Workshop for Business Plan talks	Prof. H. Bhaskaran	F. 2.30-4 (wk 3)	HRLT
Business Plan Presentations	Prof. H. Bhaskaran & Others	F. 1-6 (wk 7)	HRLT
² Exchange Safety Lecture	Prof. A.A.R. Watt	Th. 12 (wk 4)	HRLT
² 1:1 Review of Exchange Risk Assessments	Prof. A.A.R. Watt	Th. 2-5 (wk 5)	ETBCR

THIRD YEAR			
Part II Presentations	All Part II students	Th. 9-5, F. 9-5 (wk 2)	HRLT
³ Exchange Safety Lecture	Prof. A.A.R. Watt	Th. 12 (wk 4)	HRLT
³ 1:1 Review of Exchange Risk Assessments	Prof. A.A.R. Watt	Th. 2-5 (wk 5)	ETBCR
¹ Hilary Term Options (OP2) Classes			
¹Advanced Polymers			
Class 3	Class Lecturer	M. 11 (wk 1) Th. 9 (wk 1) F. 2 (wk 1)	BRCR BRCR BRCR
¹ Devices			
Class 3	Class Lecturer	M. 9 (wk 1) T. 2 (wk 1) W. 9 (wk 1)	BRCR BRCR BRCR
¹Biomaterials & Natural Materials			
Class 1	Class Lecturer	T. 9 (wk 1) W. 11 (wk 1) Th. 4 (wk 1)	Via Teams
Class 2	Class Lecturer	T. 9 (wk 2) T. 4 (wk 2) W. 10 (wk 2)	Via Teams
¹Materials for Nuclear Systems			
Class 3	Class Lecturer	M. 2 (wk 1) T. 11 (wk 1) Th. 11 (wk 1)	ETBCR ETBCR ETBCR

FOURTH YEAR			
³ Hydrofluoric Safety Lecture	Mrs C.O. Foldbjerg Holdway	T. 11 (wk 1)	Via Teams
³ Gas Canister Safety Briefing	Mrs C.O. Foldbjerg Holdway	W. 10 (wk 1)	Via Teams
Part II Presentations	All Part II students	Th. 9-5, F. 9-5 (wk 2)	HRLT
² Summer Exchange Safety Lecture	Prof. A.A.R. Watt	Th. 12 (wk 4)	HRLT
² 1:1 Review of Summer Exchange Risk Assessments	Prof. A.A.R. Watt	Th. 2-5 (wk 5)	ETBCR

Subject	Lecturer	Time	Place
POSTGRADUATE			
Postgraduate training			
³ Hydrofluoric Safety Lecture	Mrs C.O. Foldbjerg Holdway	T. 11 (<i>wk 1</i>)	Via Teams
³ Gas Canister Safety Briefing	Mrs C.O. Foldbjerg Holdway	W. 10 (<i>wk 1</i>)	Via Teams
Preparing an article for submission to a materials journal	Prof. R.I. Todd	Available via Canvas	Online
Industrial Visit	Dr E. Liotti	Th. 11-12.30 (<i>wk 7</i>)	Via Teams
Research colloquia			
Materials Colloquia		Th. 3.30-5 (<i>wks 1,3-5 tbc</i>)	HRLT

¹Students need to register for a specific class – details on how to do this are sent by e-mail

²This is compulsory for those who have secured a place on a summer exchange placement or plan to undertake their Part II overseas.

³Contact Christina Foldbjerg Holdway for details and an invitation: christina.foldbjerg@materials.ox.ac.uk