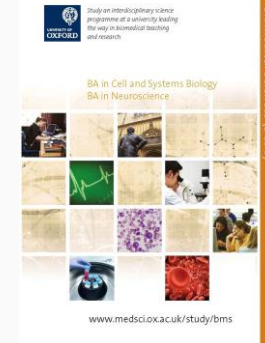


BC98 Biomedical Sciences



Robert Wilkins
Course Director

Course leaflet



<http://www.medsci.ox.ac.uk/study/bms>

Biomedical Sciences at Oxford

- a 3-year course, replacing Physiological Sciences and PPP (Physiology + Psychology)
- more mathematics and physics
- more molecular: integration of biological and molecular processes underlying modern biomedical science
- focus on research: the experimental basis for our current understanding
- two BA degree outcomes:
Cell and Systems Biology OR Neuroscience

What can you do with it?

BA degree



Graduate study
taught/research M.Sc.
Ph.D project
Pharmaceuticals/
biotechnology
Graduate-entry Medicine

Teaching Centre

University teaching takes place in a purpose-built £8m teaching centre, that contains a lecture theatre and seminar rooms practical classrooms and CAL facilities



Course structure

Year 1			Year 2			Year 3		
MT	HT	TT	MT	HT	TT	MT	HT	TT
Prelim Course			Part I			Part II		
Body Cells	Preliminary Examination	Genes Molecules	10 units from a selection including the following themes:			CELL AND SYSTEMS BIOLOGY Advanced options teaching		
Brain Behaviour			Psychological processes & disorders Neuroscience			Research project		
Chemistry Physics			Cellular & systems physiology Genetics & developmental biology Pharmacology			NEUROSCIENCE Advanced options teaching		
Mathematics Statistics			Cellular pathology & immunology			Synoptic teaching		
4 subject blocks, taken by all students			Study tailored to students' interests			Specialised options, with choices determining final degree subject		

Part I: select 10 units

3 unit option

- Immunology and Microbiology

2 unit options

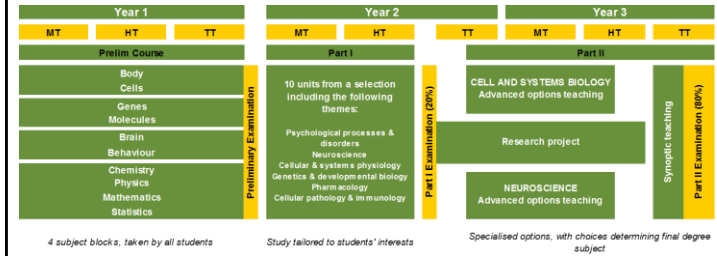
- Behavioural Neuroscience*
- Cellular Pathology
- Cognitive Neuroscience*
- Developmental Biology
- Developmental Psychology*
- Endocrinology
- General Pharmacology
- Integrative Systems Physiology
- Memory, Attention and Information Processing*
- Personal, Individual Differences and Psychological Disorders*

1 unit options

- Auditory Neuroscience
- Cellular Physiology
- Circadian Neuroscience
- Genes, Circuits and Behaviour
- Molecular Biology
- Neuropharmacology
- Protein Structure
- Second Messengers and Cascades
- Visual Neuroscience

Italicised options: one required if studying Neuroscience at Part II

Course structure



Part II

- students study for one of two degree outcomes
 - Cell and Systems Biology
 - Neuroscience
- they study Advanced Options from Faculties of Physiological Sciences and Psychology
 - teaching is shared with EP and Medicine students
- the pattern of advanced options studied determines which degree is awarded

Part II



Course structure

