


**BC98**  
**Biomedical Sciences**



**UNIVERSITY OF OXFORD**

**Robert Wilkins**  
**Course Director**

**Course leaflet**



www.medsci.ox.ac.uk/study/bms

<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**

↓

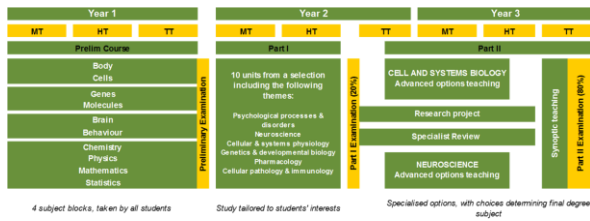
**Graduate study**  
 taught/research M.Sc.  
 Ph.D project  
**Pharmaceuticals/  
 biotechnology**  
**Graduate-entry Medicine**

**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

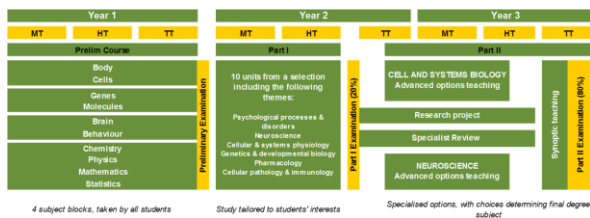


## Part I: select 10 units

- 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

Students choose two options from:

- Cardiovascular biology and pharmacology
- Cognitive Neuroscience*
- Developmental biology
- Neurobiology 1*
- Neurobiology 2*
- Infection
- Immunity
- Molecular Pathology
- Metabolism and respiration
- Pharmacology and signalling

*Italicised options: one required if studying Part II Neuroscience*

## Course structure

