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