# Natural Sciences Tripos Part IA

## Biology of Cells (12 Lectures 27 Apr - 23 May 2018)

- **Cell Signalling**
  - [6 lectures 27 Apr-9 May]
  - Prof. A.Webb
  - *Babbage LT*
  - Monday to Friday
  - [http://www.biology.cam.ac.uk/undergrads/nst/courses/boc](http://www.biology.cam.ac.uk/undergrads/nst/courses/boc)

- **Development**
  - [6 lectures 11-23 May]
  - Dr T.Weil
  - *Babbage LT*
  - Monday to Friday

- **Practical Work:**
  - Weeks 1,4, 11am-5pm
  - Zoological Lab, Department of Zoology
  - Weeks 2-3: no practical

## Evolution and Behaviour (11 Lectures 26 Apr - 19 May 2018)

- **Primate and Human Evolution and Behaviour**
  - [10 lectures 26 Apr-17 May]
  - Dr J.Dunn
  - [2 lecs 26-28 Apr]
  - Dr E.Legg
  - [3 lecs 1-5 May]
  - Dr A.Macintosh
  - [5 lecs 8-17 May]
  - Dept of Zoology

- **4 Billion Years in 1 Hour**
  - [1 lecture 19 May]
  - Dr E.Turner
  - TBA

## Mathematical Biology (12 Lectures 26 Apr - 22 May 2018)

- **Introduction to bioinformatics**
  - [3 lectures 26 April-1 May]
  - Dr A.Firth
  - *Zoology Main Lecture Theatre*

- **Modelling reaction kinetics**
  - [3 lectures 3-8 May]
  - Dr R.W.Broadhurst
  - *Zoology Main Lecture Theatre*

- **Evolutionary modelling**
  - [3 lectures 10-15 May]
  - Prof. R.A.Johnstone
  - *Zoology Main Lecture Theatre*

- **Modelling excitable cells**
  - [3 lectures 17-22 May]
  - Dr J.Fraser
  - *Zoology Main Lecture Theatre*

- **Example Classes ; Computer Practicals**
  - Thursday 2-3.15 ; 3.30-4.45 or 4.45-6
  - 10 Practicals starting 26 Apr
  - *Titan Room*

## Physiology of Organisms (10 Lectures 26 Apr - 17 May 2018)

- **Comparative Physiology: Form and Function**
  - [6 lectures 26 Apr-8 May]
  - M.Wilkinson
  - *Physiology LT1*

- **Sensing the Environment**
  - [4 lectures 10-17 May]
  - Prof. R.C.Hardie
  - *Physiology LT1*

- **Practicals**
  - W/F 12-1, 2-5
# Natural Sciences Tripos Part IB

## Cell & Developmental Biology (10 Lectures 24 Apr-15 May 2018)

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- **Development II continued**: [4 lectures 24 Apr-1 May](http://www.biology.cam.ac.uk/undergrads/nst/courses/cdb)
  - Dr. A. Philpott
  - Biffen, Genetics
  - **Note early start to this course**

- **Development III**: [6 lectures 3-15 May](http://www.biology.cam.ac.uk/undergrads/nst/courses/cdb)
  - Prof. J. Haseloff
  - Biffen, Genetics

**Practicals**
- Students will be expected to do 4 hours work per week
  - Wk 1 and 2, Tue or Fri 11-1, 2-5
  - Plant Sciences Teaching Laboratory

## Ecology (12 Lectures 25 Apr - 21 May 2018)

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- **Ecological Dynamics**: [6 lectures 25 Apr-7 May](http://www.biology.cam.ac.uk/undergrads/nst/courses/ecology)
  - Prof. W. Sutherland
  - Dept of Zoology
  - **Note early start to this course**

- **Ecology Across Evolutionary Timescales**: [6 lectures 9-21 May](http://www.biology.cam.ac.uk/undergrads/nst/courses/ecology)
  - Dr. A. Tanentzap
  - Dept of Zoology

## Plant and Microbial Sciences (10 Lectures 24 Apr - 15 May 2018)

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- **Conservation**: [6 lectures 24 Apr-5 May](http://www.plantsci.cam.ac.uk/teaching/pms.html)
  - Dr. D.A. Coomes
  - Large Lecture Theatre, Plant Sciences

- **Exploitation of Plants**: [4 lectures 8-15 May](http://www.plantsci.cam.ac.uk/teaching/pms.html)
  - Dr. I. Henderson
  - Large Lecture Theatre, Plant Sciences

**Practicals**
- Students will be expected to do four hours practical work per week

Disclaimer: Details are not guaranteed.