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## Course programme

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### Friday

Please plan to arrive between 16:30 and 18:30. You can meet other course members in the bar which opens at 18:15. Tea and coffee making facilities are available in the study bedrooms.

19:00	Dinner
20:30 – 22:00	Course Introduction. Lecture: DNA and world prehistory
22:00	Terrace bar open for informal discussion

### Saturday

07:30	Breakfast
09:00 – 10:30	Introduction to DNA
10:30	Coffee
11:00 – 12:30	mtDNA profiling
13:00	Lunch
14:00 – 16:00	Free
16:00	Tea
16:30 – 18:00	Y chromosomal profiling
18:00 – 18:30	Free
18:30	Dinner
20:00 – 21:30	African and Australian prehistory
21:30	Terrace bar open for informal discussion

### Sunday

07:30	Breakfast
09:00 – 10:30	European, Asian and American prehistory
10:30	Coffee
11:00 – 12:30	British Origins
12:45	Lunch

**The course will disperse after lunch**

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## Course syllabus

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### Aims:

As a result of the course the student should:

- Acquire a working knowledge of DNA profiling techniques.
- Be informed on the prehistory of each inhabited continent.
- Be proficient in traditional and new views on British ancestry.

### Content:

DNA and world prehistory: Using mtDNA and Y chromosomal DNA to trace the human species from its African origin some 200,000 years ago to the current spread of peoples, races and languages across the world.

Continent-specific prehistory: Explaining how ancient DNA and modern DNA fits with archaeological and linguistic theories on the population prehistory of each inhabited continent.

British Origins: Piecing together linguistic, archaeological and genetic evidence to build a picture of British origins.

### Presentation of the course:

The course consists primarily of lectures.

### Outcomes:

**As a result of the course, within the constraints of the time available, students should be able to:**

1. Outline the prehistoric events leading to the genetic variation seen in humans today,
2. Explain the biological fundamentals of mitochondrial and nuclear DNA,
3. Explain the origins of Africans, Australians, Eurasians and Amerinds, in the light of DNA,
4. Form an opinion on the origins of the British based on DNA, chronicles and linguistics.

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## Reading and resources list

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Listed below are a number of texts that might be of interest for future reference, but do not need to be bought (or consulted) for the course.

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Author	Title	Publisher and date
Colin Renfrew & Paul Bahn	<i>The Cambridge World Prehistory</i>	Cambridge University Press 2014

## Website addresses

**Note** Students of the Institute of Continuing Education are entitled to 20% discount on books published by Cambridge University Press (CUP) which are purchased at the Press bookshop, 1 Trinity Street, Cambridge (Mon-Sat 9am – 5:30pm, Sun 11am – 5pm). A letter or email confirming acceptance on to a current Institute course should be taken as evidence of enrolment.

*Information correct as of:* 25 February 2016