

Human Biology BSc (Hons)

UCAS Code: C101 | Duration: 3 years | Full-time | Hope Park | 2018/19

Work placement opportunities | International students can apply



Course Overview

Human Biology is a fast-moving branch of science that includes the study of the human body and the changes that occur in disease. The Human Biology degree at Liverpool Hope looks at the foundation disciplines of anatomy, cellular biology, physiology and metabolism embedded within the study of health and disease states. You will consider not only how the human body works, but also how humans interact with the world around them and how this in turn influences our health, behaviour and development.

The degree is delivered by a highly committed team of research-active academic staff who are enthusiastic about both the subject and the quality of your student experience. Throughout your degree, you work in a traditional science laboratories, and you also benefit from our exercise physiology laboratories.

Human Biology provides you with the opportunity to develop as a scientist and, as a graduate, are prepared to use your skills and knowledge in order to be of benefit to society. As a Liverpool Hope Human Biology graduate, you will have a well-developed sense of ethical judgement to complement your scientific skills and knowledge, so that you play an active and positive role in society.

Entry Requirements

The standard offer level is between BBB-BBC from A levels or DDM-DMM from BTEC, or 120-112 UCAS tariff points.

Fees and Additional Costs

The tuition fees for 2018/19 are £9,250 for full-time undergraduate courses.

As well as your tuition fees, you need approximately £300 each year for fieldtrips, textbooks and essential laboratory safety equipment such as a lab coat.

You will also need to consider the cost of your accommodation each year whilst you study at university.

Visit our accommodation webpages for further details about our Halls of Residence: www.hope.ac.uk/halls/



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Curriculum

Year One

In your first year, you are introduced to the foundations of modern biology and the human body anatomy and physiology. Starting with the fundamentals of biochemical processes, you will continue to develop a strong knowledge base on cell biology and functional anatomy. Topics studied include:

- The Chemical and Cellular Basis of Life
- Human Anatomy and Physiology
- Chemical Basis of Life, Biochemistry
- Immunological and Homeostatic Responses
- Introduction to Molecular Biology
- Introduction to Research Methods
- Infectious Disease Biology
- Human-Environment Interaction, including UK-based Field Trip
- Core Skills in Laboratory and Field Research

Year Two

In your second year, you will develop the capacity to correlate physiology and pathology principles of major current human diseases such as age-related pathology, obesity and cardiovascular diseases. Topics studied include:

- Biodiversity
- Human Metabolism
- Determinants of Health and Disease
- Molecular Biology and Genetics
- Advanced Practical Techniques for Laboratory and Field
- Cancer Biology
- Biostatistics
- Principles of Epidemiology
- Research Methods

Year Three

In your final year, you will have intensified your research-driven learning which has been encouraged since first year. For instance, you will have the opportunity of applying the topics learned in bioinformatics and statistical analysis of data for the completion of your dissertation. Topics studied include:

- Ecotoxicology
- Phylogenetics
- Bioinformatics
- Medical Genetics
- Medical Cell Biology
- Contemporary Issues in Human Biology
- Controversies in Human Evolution
- Independent Research Project

Work Placement Opportunities

During your studies, you will be given opportunities to get involved in research projects, particularly during summer. Staff will advise you on any relevant professional placement opportunities that are available in either the public or private sector.

COURSE STRUCTURE

Teaching on this degree is structured into lectures, where all students are taught together, seminars of smaller groups of around 15-20 students, and tutorials which typically have no more than 10 students. You will have regular sessions in laboratories, as well as the opportunity to have a one-to-one meeting with your tutor each week.

If you are studying Human Biology as a Single Honours degree, in your first year there are approximately 12 teaching hours each week, which reduces to approximately 10 teaching hours in your second and third years. If you are studying Human Biology as a Combined Honours degree, in your first year there are approximately 6 teaching hours each week, which reduces to approximately 5 teaching hours in your second and third years.

On top of teaching hours, you are also expected to spend around 18 hours studying independently each week to make sure you achieve your full potential, as well as group study to prepare for any group assessments you may have.

ASSESSMENT AND FEEDBACK

You are assessed a number of ways throughout your degree, including written exams, portfolios, case studies, laboratory logs, and diaries. In your final year, you complete a research project/dissertation. You will be given either written or oral feedback on every piece of work submitted.



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