

Overview

Programme Code	32330
Programme Title	Forensic Anthropology
Awarding Institution	Liverpool John Moores University
Programme Type	Degree
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Alexis Wilshaw
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Bachelor of Science with Honours - BSH	See Learning Outcomes Below
Recruitable Target	Bachelor of Science with Honours (SW) - SBSH	See Learning Outcomes Below
Alternative Exit	Diploma of Higher Education - DHE	Generate information using primary observations of human osteology, using this to form responses to the problem presented. Analyse and evaluate information pertaining to human remains and their ecological and geological contexts. Accept responsibility for group and personal work.
Alternative Exit	Certificate of Higher Education - CHE	Apply a broad knowledge base of human anatomy and biology to a range of real and theoretical forensic applications. A Evaluate the burial contexts of human remains and use this to determine the natural and anthropogenic processes involved in creating them. Operate in a range of science contexts, and take responsibility for their contributions and outputs.
Alternative Exit	Diploma in Higher Education (SW) - SDHE	Generate information using primary observations of human osteology, using this to form responses to the problem presented. Analyse and evaluate information pertaining to human remains and their ecological and geological contexts. Accept responsibility for group and personal work. A student who successfully completes a placement year will be eligible for the Sandwich award and will, in addition to the above, be able to demonstrate the professional and personal skills necessary for effective employment within a professional environment.

Alternate Award Names

External Benchmarks

Subject Benchmark Statement
UG-Earth sciences, environmental sciences and environmental studies (2022)

Accreditation

Programme Accredited by

PSRB Name	Type of Accreditation	Valid From Date	Valid To Date	Additional Notes

Chartered Society of Forensic Sciences	The Chartered Society of Forensic Sciences provides an accreditation system for both undergraduate and postgraduate courses in forensic science and related topics. Accreditation is given provided the course content meets with the Society's component standards which provide a quality endorsement of the course.		
--	--	--	--

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Sandwich Year Out, Face to Face	September	LJMU Taught	4 Years
Full-Time, Face to Face	September	LJMU Taught	3 Years

Aims and Outcomes

Educational Aims of the Programme

The generic aims that apply to all the School's natural science programmes are to: offer a variety of programmes and learning opportunities in the biosciences, within an integrated modular system that matches students' interests and needs; give a high quality and varied learning experience to students from a range of backgrounds and educational experiences; provide a supportive and stimulating environment for student-centred learning, encouraging students to take responsibility at an appropriate level and to develop their full potential; integrate theory and practice through diverse learning environments in the classroom, laboratory and field; produce graduates with the appropriate subject knowledge and key skills to pursue a career within the subject area, in general employment or further study. encourage students to engage with the development of employability skills by completing a self-awareness statement. Forensic Anthropology is a field within biological anthropology which is principally concerned with the description and identification of human remains for medico-legal purposes. In addition to the aims for the main target award, the sandwich programme aims to provide students with an extended period of work experience at an approved partner that will complement their programme of study at LJMU. This will give the students the opportunity to develop professional skills relevant to their programme of study, as well as attitude and behaviours necessary for employment in a diverse and changing environment.

Learning Outcomes

Code	Description
PLO1	Understand the aims of Forensic Anthropology, which uses the techniques of biological anthropology to describe and identify human remains.

Code	Description
PLO2	Recognise the implications of professional ethics and standards and apply them.
PLO3	Evaluate the significance of data, draw appropriate conclusions and place them in a medico-legal/scientific context.
PLO4	Use appropriate resources (e.g. IT, Library) to find and organise information.
PLO5	Recognise and apply safe working practice in the laboratory and the field.
PLO6	Employ a range of methods for the collection, analysis and presentation of information.
PLO7	Plan, design and execute a piece of research and produce a concise and precise final report correctly referenced throughout.
PLO8	Communicate effectively in written, verbal and visual forms.
PLO9	Use the internet, databases, spreadsheets and word processing packages.
PLO10	Apply statistical and numerical analysis to data.
PLO11	Operate as an effective member of a team.
PLO12	Understand the biological and physical factors which make humans uniquely individual.
PLO13	Develop the ability for independent learning and employment e.g. working independently, manage time/tasks appropriately, organisational skills.
PLO14	Demonstrate an understanding of and apply an inclusive and decolonial perspective to anthropological knowledge and research.
PLO15	Understand the medico-legal parameters and techniques for the recovery and identification of human remains.
PLO16	Understand the reconstruction of aspects of human identity and life history from the skeleton.
PLO17	Understand the physical settings and contexts in which human remains are found.
PLO18	Understand the legal and scientific requirements of an expert witness report
PLO19	Understand human skeletal biology and anatomy.
PLO20	Analyse, synthesis, and summarise information.
PLO21	Apply knowledge and understanding to problem solving and hypothesis testing.

Programme Structure

Programme Structure Description

In level 6, in the first semester students must pick one from the following: Forensic Anthropological Genetics (6311NATSCI), Advanced Forensic Methods (6101FSBMOL) Forensic Archaeology (6318NATSCI) or Work Based Learning (6300NATSCI). In the second semester students must pick one of the following: Forensic Bioscience (6214NATSCI) or Expert Witness (6103FSBMOL). Study Abroad Students will be offered the opportunity of study abroad at Level 5. Students can choose either Option A or Option B unless they undertake the Sandwich Year, in which case Option B is not available. Option A: replacement of 60 credits of Level 5 with appropriate study abroad. The programme will offer the opportunity of 60 credits of study at Level 5. Students will be enrolled on a 360 credit honours with study abroad programme. A 60 credit Level 5 study abroad module [5354NATSCI] will normally replace the semester 2 modules on the standard programme. This study abroad should cover the same learning outcomes as the modules being replaced. The modules to be studied in the host institution must be agreed in advance. The Level 5 mean for the final award mark will be calculated based upon the 120 credits at Level 5. Option B: additional study year abroad following Level 5 The programme will offer the opportunity of an additional study year abroad following Level 5. Students will be enrolled on a 480 credit honours with study abroad programme. Of those 480 credits, 120 will be taken via a Level 5 study abroad module [5353NATSCI]. The modules to be studied in the host institution must be agreed in advance. The Level 5 mean for the final award mark will be calculated based upon the 240 credits at Level 5. Sandwich Year The placement year will follow Level 5 and students will be enrolled on a 480 credit honours sandwich programme and take the module 5315NATSCI (Sandwich Year-Forensic Anthropology). The Level 5 mean for the final award mark will be calculated based upon the 240 credits at Level 5. In level 4, all students follow the same set of core modules and no options or variants are available.

Programme Structure - 360 credit points	
Level 4 - 120 credit points	
Level 4 Core - 120 credit points	CORE
[MODULE] 4102FSBMOL Crime Scene Investigation Approved 2022.01 - 20 credit points	
[MODULE] 4104FSBMOL Forensic Science Approved 2022.02 - 20 credit points	
[MODULE] 4206NATSCI Genetics and Evolution Approved 2022.01 - 20 credit points	
[MODULE] 4308NATSCI Forensic Field Skills Approved 2022.01 - 20 credit points	
[MODULE] 4310NATSCI Introduction to Biological Anthropology Approved 2022.02 - 20 credit points	
[MODULE] 4311NATSCI Introduction to Archaeology Approved 2022.01 - 20 credit points	
Level 5 - 120 credit points	
Level 5 Core - 100 credit points	CORE
[MODULE] 5105FSBMOL Forensic Methods Approved 2022.01 - 20 credit points	
[MODULE] 5310NATSCI Human Osteology Approved 2022.02 - 20 credit points	
[MODULE] 5312NATSCI Excavation and Analytical Techniques Approved 2022.01 - 20 credit points	
[MODULE] 5313NATSCI Forensic Human Identification Approved 2022.02 - 20 credit points	
[MODULE] 5314NATSCI Human Anatomy and Genetics Approved 2022.02 - 20 credit points	
Level 5 Optional - 20 credit points	OPTIONAL
[MODULE] 5102FSBMOL Trace Evidence Analysis Approved 2022.01 - 20 credit points	
[MODULE] 5311NATSCI World Archaeology Approved 2022.01 - 20 credit points	
Optional placement - 120 credit points	OPTIONAL
Placement Year - 120 credit points	OPTIONAL
[MODULE] 5315NATSCI Sandwich Year - Forensic Anthropology Approved 2022.01 - 120 credit points	
OR Study Abroad - 120 credit points	OPTIONAL
[MODULE] 5353NATSCI Study Year Abroad - Forensic Anthropology Approved 2022.01 - 120 credit points	

Optional Study Semester - 60 credit points	OPTIONAL
[MODULE] 5354NATSCI Study Semester Abroad - Forensic Anthropology Approved 2022.01 - 60 credit points	
Level 6 - 120 credit points	
Level 6 Core - 80 credit points	CORE
[MODULE] 6310NATSCI Palaeopathology Approved 2022.01 - 20 credit points	
[MODULE] 6312NATSCI Advanced Forensic Anthropology Approved 2022.01 - 20 credit points	
[MODULE] 6313NATSCI Research Project - Forensic Anthropology Approved 2022.01 - 40 credit points	
Level 6 Optional - 40 credit points	OPTIONAL
[MODULE] 6101FSBMOL Advanced Forensic Methods Approved 2022.02 - 20 credit points	
[MODULE] 6103FSBMOL Expert Witness Approved 2022.02 - 20 credit points	
[MODULE] 6214NATSCI Forensic Bioscience Approved 2022.02 - 20 credit points	
[MODULE] 6300NATSCI Work-Based Learning Approved 2022.01 - 20 credit points	
[MODULE] 6305NATSCI Geoforensics Approved 2022.01 - 20 credit points	
[MODULE] 6311NATSCI Forensic Anthropological Genetics Approved 2022.01 - 20 credit points	
[MODULE] 6318NATSCI Forensic Archaeology Approved 2022.01 - 20 credit points	

Module specifications may be accessed at <https://proformas.ljmu.ac.uk/Default.aspx>

Teaching, Learning and Assessment

The acquisition of knowledge is promoted via formal taught sessions, primarily lectures supported by practical and fieldwork sessions. Various levels of understanding are facilitated through seminars, tutorials, field projects, group work and independent study. Knowledge is assessed via examination (mainly short answer questions) and some coursework. Higher levels of understanding are assessed by examination (essay/interpretative questions) and coursework elements such as field reports and seminar presentations with question & answer sessions. Cognitive skills are developed in many taught sessions, with an increasing emphasis as students progress from level 4 through level 6. Such skills are especially developed during level 6 modules, especially the research project module. The application of thinking skills in a work environment can be developed in the Work Based Learning (WBL) module. Essay/interpretative exam questions are used to assess students ability for critical thinking. Coursework elements such as field/laboratory reports and in particular the honours project/work-based learning module allows students to demonstrate the full range of their cognitive skills. Practical skills are taught during practical classes (a component of most modules) and fieldwork. Core principles and minimum standards required for field and laboratory work are introduced at level 4, and further developed at level 5. Students develop these skills independently at level 6 when completing the research project. If the WBL module is chosen these skills will be developed in an applied work place setting. Practical skills are assessed by submission of practical files, and field/laboratory reports. The research project/WBL portfolio and other level 6 reports allow students to demonstrate the full range of skills they have acquired. As well as having the opportunity to develop transferable skills in all academic modules, key skills are specifically taught in specially designed modules at level 4 and level 5. Teaching in these modules is in small tutorial groups and via seminars, computer sessions, role play and workshops. Key skills are assessed through coursework at all levels in all modules and specifically in the modules mentioned above. Benchmark requirements for scientific writing, oral presentation, poster presentation and field reports are provided in the key skills folder distributed to all students. These form the basis for assessing student skills in coursework assignments.

Opportunities for work related learning

Work-related learning opportunities are available through the routes of employer seminars, guest lectures / workshops, employer-driven assignments and contact during fieldwork. The Work-based Learning placement (135 hrs) and the Sandwich placement (12 months) offer the opportunity for students to gain work experience with a relevant professional organisation. The School has a good record of providing relevant vocational training for students. Students are supported by the Professional Training Tutor who is responsible for advertising placements and promoting vocational training to students. Appropriate Work-based Learning or Sandwich placements (home or abroad) include working with e.g. forensic units, archaeological excavations and units, hospitals and museums.

Entry Requirements

Type	Description
NVQ	Second year entry can potentially be arranged for candidates who have a HND or HNC with merits in the key relevant units or for those who have passed the first year of a degree programme in a closely related subject elsewhere.
BTECs	Applicants should be studying an appropriate Diploma and have (or expect to obtain) a pass with at least 3 merit grades at Level 3 in appropriate units.
Other international requirements	Applicants should have acquired passes in appropriate examinations in their country of origin and provide evidence of English language ability equivalent to 6.0 IELTS.
Alternative qualifications considered	All applicants must have GCSE Maths and English with minimum grade C, or equivalent.
International Baccalaureate	Applicants must have (or expect to obtain) the full award including grade 5 in one appropriate science.
A levels	Applicants should have (or expect to obtain) at least 3 A2 Levels or equivalent. At least one of the A2 Levels should be in an appropriate science or social science subject, including but not limited to Biology. We normally set a target of 112 UCAS Tariff points including 32 points in a relevant science at A2. Our minimum points tariff is 104 points and our maximum offer is 120 points; this will depend on subjects being studied. Our offers may be grade specific e.g. we usually expect a minimum of grade C (32 points) in an appropriate science or social science subject.

Extra Entry Requirements