Subject Session: Focus on STEM

Chaired By: Tiegan Yates, Education Liaison Officer

Academic and Admissions Panel

& Current Students

Edge Hill University

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ACADEMIC PANEL

DR CLAIRE JONES - GEOGRAPHY & GEOLOGY

MOHSIN RAZA – COMPUTING, NETWORKS & SECURITY

THOMAS JOHN – ENGINEERING

CURRENT STUDENTS

JAMES MURRAY – GENETICS

JENNA WADE – GEOGRAPHY

Overview of Courses

BioSciences Courses

BSc (Hons) Biology

BSc (Hons) Biomedical Science

BSc (Hons) Biotechnology

BSc (Hons) Biochemistry

BSc (Hons) Ecology and Conservation

BSc (Hons) Genetics

BSc (Hons) Plant Science

Entry Requirements

TYPICAL OFFER 112-120 UCAS TARIFF POINTS, PREFERABLY TO INCLUDE BIOLOGY OR A RELATED SUBJECT, SUCH AS CHEMISTRY, GEOGRAPHY OR PSYCHOLOGY, PLUS GCSE MATHEMATICS AN ENGLISH LANGUAGE AT GRADE C OR GRADE 4 OR ABOVE (OR EQUIVALENT).

OTHER SUBJECTS WILL BE CONSIDERED IF YOU HAVE DEMONSTRABLE INTEREST OR EXPERIENCE IN A RELATED FIELD.

Some examples of how you can achieve 112-120 UCAS Tariff points are detailed below.
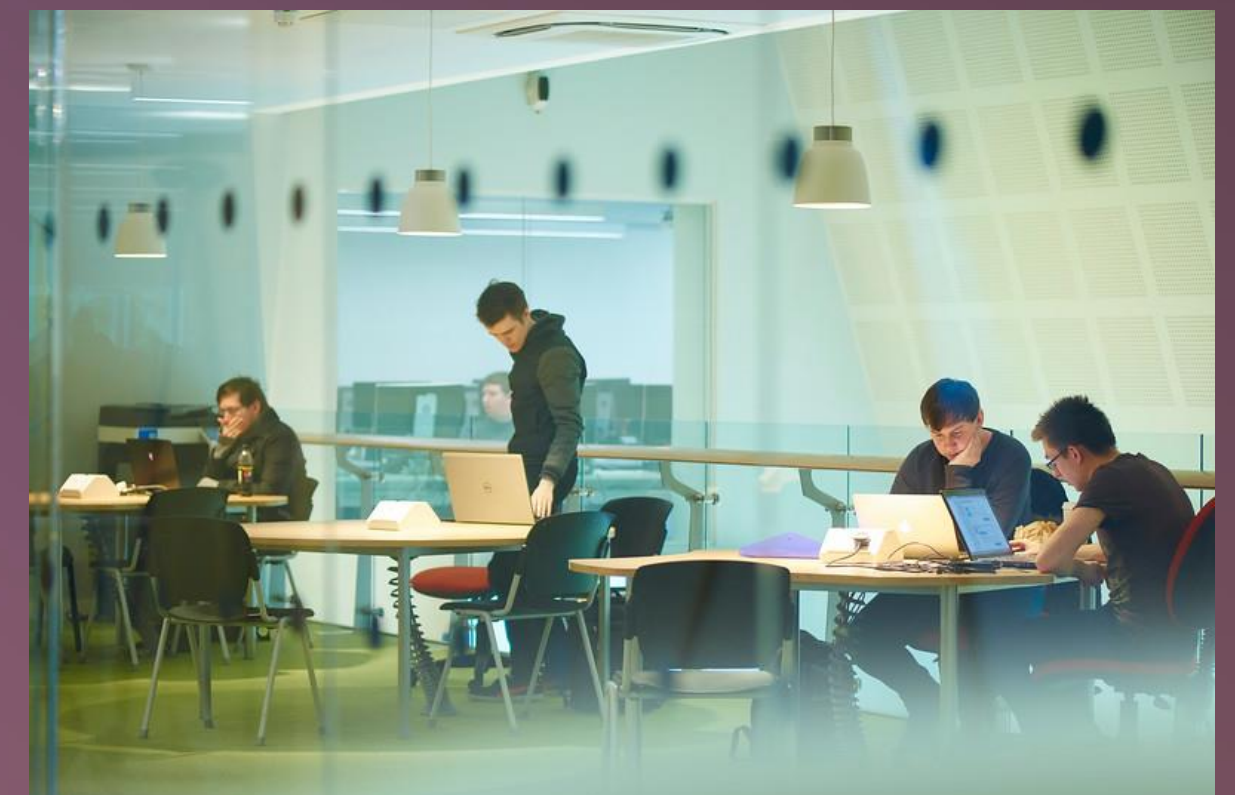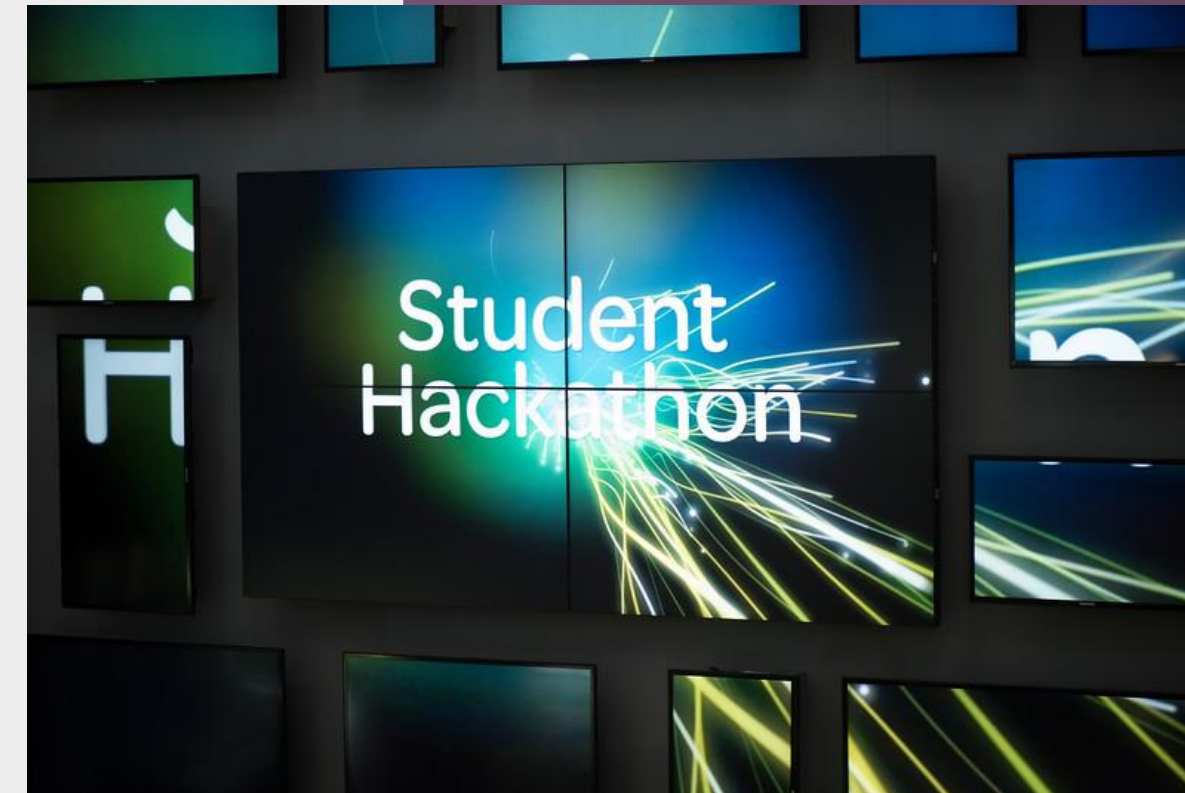
- **A Level:** BBC-BBB;

- **BTEC Extended Diploma (or combination of BTEC QCF qualifications):** Distinction, Merit, Merit (DMM);

- **T Level:** Overall grade of Merit;

- Please note, the above examples may differ from actual offers made. A combination of A Level and BTEC awards may also be accepted.

Computer Science Courses

- BSc (Hons) Computer Engineering

- BSc (Hons) Computer Science

- BSc (Hons) Computer Science & AI

- BSc (Hons) Computer Science & Mathematics

- BSc (Hons) Computing

- BSc (Hons) Computing (Games Progamming)

- BSc (Hons) Computing (Networks, Cyber Security & Forensics)

- BSc (Hons) Data Science

- BSc (Hons) Information Technology Management for Business

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Computer Science Courses Continued

- MEng (Hons) Intelligent Automation & Robotics

- BEng (Hons) Intelligent Automation & Robotics

- BSc (Hons) Robotics & Artificial Intelligence

- BSc (Hons) Software Engineering

- BSc (Hons) Web Design, Development & Analytics

Entry Requirements

TYPICAL OFFER 104-120 UCAS TARIFF POINTS, FOR WHICH NO SPECIFIC SUBJECTS ARE REQUIRED, PLUS GCSE MATHEMATICS AT GRADE C OR GRADE 4 OR ABOVE (OR EQUIVALENT).

PLEASE NOTE, FOR ALL PROGRAMMES IN THE DEPARTMENT OF COMPUTER SCIENCE, A LEVEL 2 NUMERACY QUALIFICATION IS NOT CONSIDERED AS EQUIVALENT TO GCSE GRADE C OR GRADE 4 IN MATHEMATICS.

Some examples of how you can achieve 104-120 UCAS Tariff points are detailed below.

- **A Level:** BCC-BBB;

- **BTEC Extended Diploma (or combination of BTEC QCF qualifications):** Distinction, Merit, Merit (DMM); Distinction, Distinction, Merit (DDM)

- **T Level:** Overall grade of Merit;

- Please note, the above examples may differ from actual offers made. A combination of A Level and BTEC awards may also be accepted.

Geography & Geology Courses

BA (Hons) Geography

BSc (Hons) Geography

BSc (Hons) Physical Geography & Geology

BSc (Hons) Geology with Physical Geography

BSc (Hons) Geoenvironmental Hazards

Entry Requirements

TYPICAL OFFER 112-120 UCAS TARIFF POINTS, INCLUDING GEOGRAPHY, GEOLOGY, ENVIRONMENTAL SCIENCE OR A RELATED SUBJECT. GCSE MATHEMATICS AT GRADE C OR GRADE 4 OR ABOVE, OR ADULT NUMERACY AT LEVEL 2 OR ABOVE, OR EQUIVALENT, IS ALSO REQUIRED.

Some examples of how you can achieve 112-120 UCAS Tariff points are detailed below.

- **A Level:** BBC-BBB;

- **BTEC Extended Diploma (or combination of BTEC QCF qualifications):** Distinction, Merit, Merit (DMM);

- **T Level:** Overall grade of Merit;

- Please note, the above examples may differ from actual offers made. A combination of A Level and BTEC awards may also be accepted.

Engineering Courses

BEng (Hons) Electrical & Electronic Engineering

BEng (Hons) Electrical Engineering

BEng (Hons) Electronic Engineering
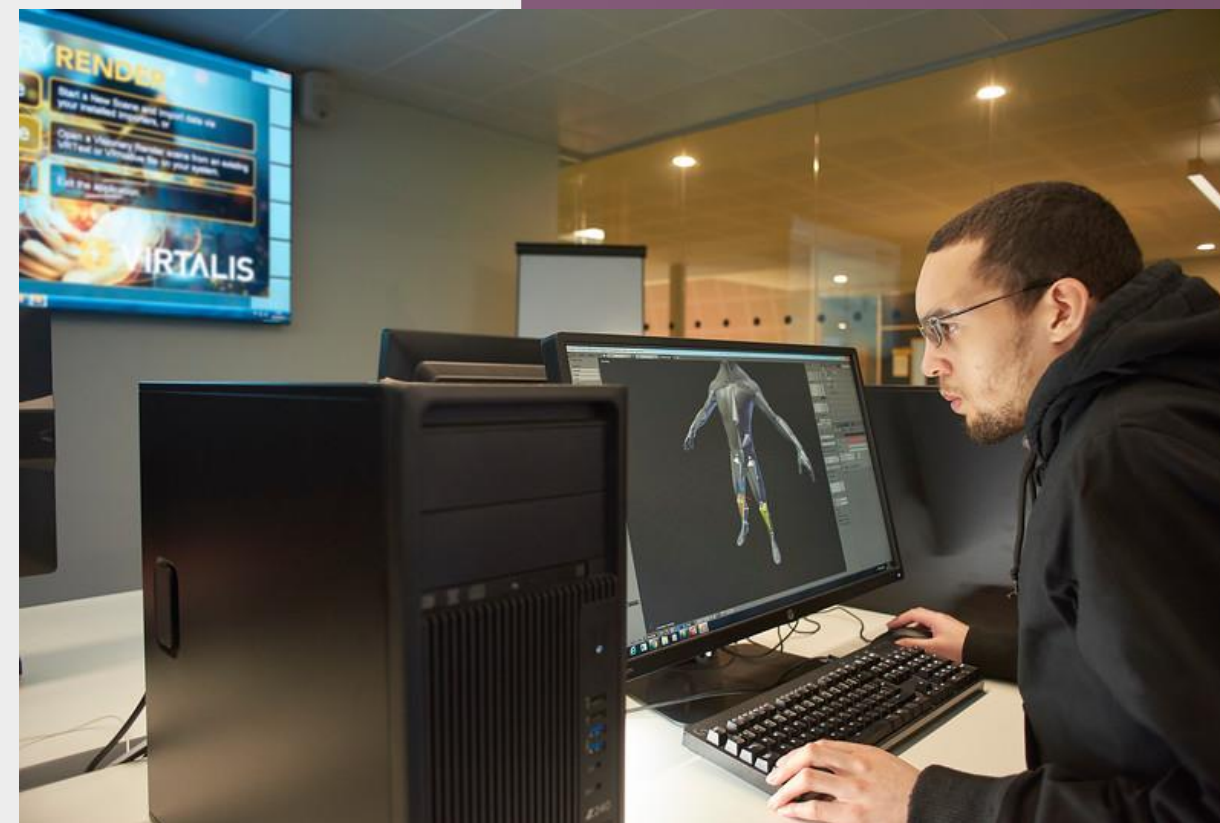
BEng (Hons) Intelligent Automation & Robotics

BEng (Hons) Mechanical Engineering

BSc (Hons) Computer Engineering

BSc (Hons) Robotics & Artificial Intelligence

BEng (Hons) Biomedical Engineering

BEng (Hons) Engineering

Engineering Courses Continued

MEng (Hons) Electrical & Electronic Engineering

MEng (Hons) Electrical Engineering

MEng (Hons) Electronic Engineering

MEng (Hons) Intelligent Automation & Robotics

MEng (Hons) Mechanical Engineering

MEng (Hons) Biomedical Engineering

MEng (Hons) Engineering

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Entry Requirements

TYPICAL OFFER 112-128 UCAS TARIFF POINTS. THIS MUST INCLUDE A LEVEL MATHEMATICS AT GRADE C OR ABOVE OR EQUIVALENT. GCSE ENGLISH LANGUAGE AT GRADE C OR GRADE 4 OR ABOVE, OR EQUIVALENT, IS ALSO REQUIRED.

Some examples of how you can achieve 112-128 UCAS Tariff points are detailed below.

- **A Level:** BBC-ABB;

- **BTEC Extended Diploma (or combination of BTEC QCF qualifications):** Distinction, Merit, Merit (DMM) or Distinction, Distinction, Merit (DDM);

- **T Level:** Overall grade of Merit;

- Please note, the above examples may differ from actual offers made. A combination of A Level and BTEC awards may also be accepted.

Application Advice

Application Advice

- Think about motivation: Why do they want to study their chosen subject at a higher level

- What have they learnt: specific and relevant topics they have studied so far

- Skills and experiences – real world examples

- Keep a reflective diary – great for when they come to write personal statements or attend interviews

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Facilities and Employability

Facilities

- Tech Hub, BioSciences & GeoSciences Buildings

- Labs and prep rooms

- Microscopes incl, SEM

- Climate Controlled Insectaries

- CAVE

- 3D Printer and Scanner

- Dedicated IT rich teaching facilities

- GIS Labatory

Employability

- Sandwich year opportunities

- Learning a language

- Active research tutors

- Summer internship opportunities

- Access to facilities

- Fieldwork opportunities

- Programme of visiting speakers

- Careers & employability support

- Additional qualifications

Q&A
Panel

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