



British International School Riyadh

Guide to Subjects in Guardian University Guide

The downloadable pdfs that accompany these profiles are taken from the Degrees of Skills Guide, published by the CIHE and the Higher Education Academy.

Agriculture and forestry

Land-based industries, such as farming, countryside management and animal rearing - includes agriculture, forestry, food and beverage studies.

Anatomy and physiology

Study of how the human body works - includes anatomy, physiology and pathology, ophthalmics and aural and oral sciences.

American studies

American culture, literature, history and politics - includes Canadian and Latin American studies.

Anthropology

The study of the human species, its culture and history - may cover language, physiology, art and the organisation of society.

Archaeology

The study of the human past from physical remains - including forensic and archaeological science.

Architecture

Design and creation of buildings. Involves the study of the sciences, humanities and fine and applied arts.

Art and design

Creation of visual work, from painting and sculpture to computer graphics and video games - includes crafts and fine art.

Biosciences

The study of life, from molecules to populations - includes nutrition, biology, botany, zoology, genetics, microbiology and molecular biology.

Building and town and country planning

All aspects of buildings (except design) from construction to location - includes urban, rural and regional planning, and landscape design.

Business and management studies

Covers business studies, management studies, finance, accounting, marketing, human resource management and business and administrative studies.

Chemistry

The science of matter - the composition of substances, their properties and reactions.

Classics

Language, history, culture and literature of ancient Greece and Rome - includes Latin and classical Greek studies.

Computer sciences and IT

Design, exploitation and technology surrounding computing - includes computer sciences, information systems, software engineering, artificial intelligence.

Dentistry

Dentists study prevention, detection, management and treatment of oral and dental diseases and the maintenance of oral and dental health.

Drama and dance

The study of artistic performance - includes drama, dance, cinematics and photography.

Earth and marine sciences

The study of the earth, seas, rivers and the atmosphere - includes geology and ocean sciences.

Economics

The study of what influences income, wealth and wellbeing and how this can be implemented into policy.

Education

The study of how people develop and learn - including education studies, undergraduate teacher training and academic studies in education.

Engineering: chemical

Practical application of chemistry on a large scale, and how products can be manufactured - including chemical, process and energy engineering.

Engineering: civil

Creation and maintenance of infrastructure - designing, building and maintaining roads, bridges, railway lines, water supply and sewage systems.

Engineering: electronic and electrical

Engineering of electrical and electronic systems, microelectronics, silicon devices and nanotechnology.

Engineering: general

Application of science, maths and computing skills to solve practical problems.

Engineering: materials and mineral

How things are made and could be improved - including materials science, minerals technology, ceramics and glass, polymers and textiles.

Engineering: mechanical

Design, construction and operation of engines and machines - includes aerospace engineering, naval architecture, production and manufacturing engineering and maritime technology.

English

Critical study of literature - poetry, novels, plays - and language.

Geography and environmental studies

Processes of the earth, and the relationship between humans and their physical surroundings - physical and environmental sciences, human and social geography.

History and history of art

The study of the past - politics, economics, culture, religion and society, including history of art.

Law

The study of criminal and civil legal systems - includes criminology, jurisprudence.

Mathematics

The study of quantities through analysis, deduction and calculation - including mathematics, operational research, statistics and computing sciences.

Media studies, communications and librarianship

How we communicate - includes information services, publicity studies, media studies, publishing, journalism and mass communication.

Medicine

Future doctors study pre-clinical medicine and clinical medicine to maintain health, diagnose and treat disease.

Modern languages

Includes French, German, Spanish, Italian, Portuguese, Russian, Chinese, Japanese, south Asian, African, Australasian, modern Middle Eastern languages, literature and linguistics.

Music

Creative expression through sound, including performance, technique, composition and various styles, includes ethnomusicology.

Nursing

Care of the sick and injured - includes nursing and medical technology.

Pharmacy and pharmacology

The study of medicinal drugs and effects on the body (pharmacology) and management and dispensing of medicines (pharmacy).

Philosophy

Study of how to think about ideas and ask questions about truth, right and wrong - includes ethics, history of philosophy, logic.

Physics

The study of the universe - includes astrophysics, space science, applied physics, medical physics.

Politics

The study of government and society - political thought, institutions, electoral studies.

Psychology

Quest to explain behaviour through the study of the human mind.

Religious studies and theology

The study of religious belief systems, including Christian theology, Islam, Buddhism.

Social policy and administration

The study of contemporary society, focusing on topics such as NHS reform, poverty, social exclusion and the criminal justice system.

Social work

How to find practical solutions to protect vulnerable people - includes community studies.

Sociology

The study of human societies and how they interact.

Sports science

Scientific study of exercise, health and sport.

Tourism, transport and travel

Hospitality industry and its global impact, tourism, travel.

Veterinary science

Diagnosis and treatment of disease and injury in animals - including clinical veterinary medicine and dentistry and pre-clinical veterinary medicine.