Subjects overview

P16 Programmes of Study

Healthcare Scholars

Must Choose:

Biology & Chemistry

+ A third subject of your choice

Careers: Medicine, Dentistry, Pharmacy, Optometry

STEM+ Programme

Must Choose 2 From:

Maths, Physics, Computer Science or Product Design

+ A third subject of your choice

Careers: Engineering, AI Software, Cyber Security

Law & Public Affairs

Must Choose 2 From:

History, Law or Politics

+ A third subject of your choice

Careers: Law, Police, Social Work, Education, Politics

Technical Level

Either Pathway:

T-Level Health

OR

T-Level Craft & Design

Careers: Nursing, Paramedic, Social Work

Interior Design, Fashion

Global Futures

Must Choose 2 From:

Geography, English or MFL

+ A third subject of your choice

Careers: Counter Terrorism, Charity, Green Energy, Conservation,

Business & Finance

Must Choose 2 From:

Economics, Maths or Sociology

+ A third subject of your choice

Careers: Finance, Business Management, Civil Service, NGO

Free Choice

Flexible Structure:

Choose 3 subjects from a choice of 4 different option blocks

Careers: we support you to find a destination or pathway that suits you

AQA SPECIFICATION OVERVIEW

A-Level Chemistry

2-Year Course

Board: AQA

Core Disciplines

Physical: Kinetics, thermodynamics & electrochemistry

Inorganic: Periodicity, transition metals & aqueous ions

Organic: Mechanisms, functional groups & spectroscopy



Entry Requirements

GCSE Chemistry / Science Grade 6

GCSE Mathematics Grade 6

Assessment Framework

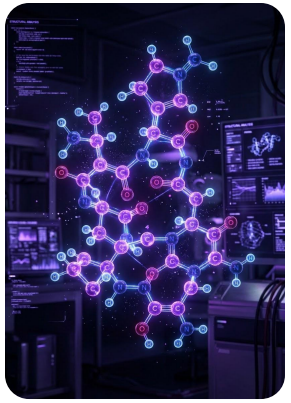
Paper 1 (35%): Physical & Inorganic 2 Hours
Paper 2 (35%): Physical & Organic 2 Hours
Paper 3 (30%): Synoptic & Practical MCQs 2 Hours

Practical Endorsement: Teacher-assessed across 12 core labs (Pass/Fail)

Progression & Careers

Essential Degrees: Medicine, Dentistry, Veterinary, Pharmacy

Career Fields: Chemical Engineering, Research, Law, Finance



OCR SPECIFICATION OVERVIEW

A-Level Computer Science

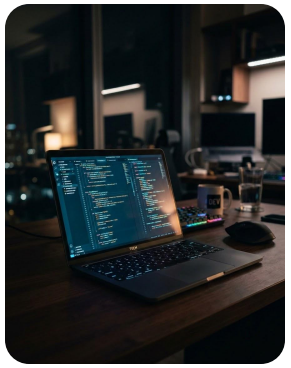
2-Year Course | Board: OCR

Core Focus & Learning

Computational Thinking: System design & algorithm optimization

Software Engineering: Hands-on lab work & modern development

Practical Coursework: Y13 Unity game engine project



Entry Requirements

GCSE Computer Science Grade 5

GCSE Mathematics (or) Grade 6

Assessment & Commitment

Written Examination 1: Theory & Systems 2h 30m

Written Examination 2: Algorithms & Logic 2h 30m

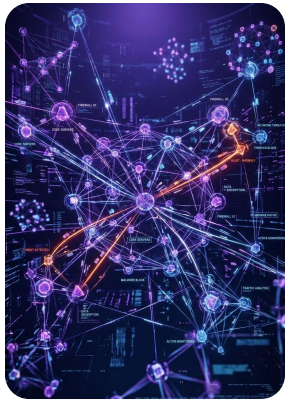
Practical Coursework: Software Development Project Unity / Code

Study Time: 5 hours/week lab study + 5 hours independent work

Progression & Careers

Core Roles: Software Developer, Cybersecurity Analyst, Data Scientist

Specialisms: Game Developer, Systems Engineer



AQA SPECIFICATION OVERVIEW

A-Level History

2-Year Course

Board: AQA

Examined Modules & Topics

Comp. 1 (Breadth): Stuart Britain & Monarchy Crisis (1603–1702)

Comp. 2 (Depth): Russia Revolution & Dictatorship (1917–1953)

Comp. 3 (NEA): US Civil Rights Investigation (1865–1965)



Entry Requirements

GCSE History Grade 5

GCSE English Language Grade 5

GCSE Mathematics Grade 4

Assessment Framework

Component 1 Exam: Stuart Britain 2h 30m

Component 2 Exam: Russia (1917–1953) 2h 30m

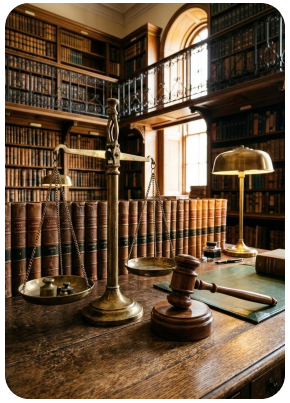
Component 3 (NEA): Historical Investigation 20% Coursework

Core Skills: Source evaluation, critical analysis & research

Progression & Careers

Higher Ed: Facilitating subject for Russell Group universities

Key Sectors: Law, Politics, Journalism, PR, Public Policy, Finance



AQA SPECIFICATION OVERVIEW

A-Level Sociology

2-Year Course

Board: AQA

Core Modules & Topics

Families & Households: Family structures, roles & power dynamics

Education & Methods: Functions of education & policy impact

Crime & Deviance: Social distribution, global & state crime

Beliefs in Society: Religion, ideology, science & New Age



Entry Requirements

GCSE English Language Grade 5

GCSE Mathematics Grade 4

Assessment Framework

Paper 1: Education with Theory & Methods 2 Hours

Paper 2: Topics (Families & Beliefs) 2 Hours

Paper 3: Crime & Deviance with Theory 2 Hours

Core Skills: Social policy evaluation, critical analysis & research

Progression & Careers

Degrees: Sociology, Criminology, Psychology, Law, Politics

Key Sectors: Social Work, Policing, HR, Journalism, Public Service



AQA SPECIFICATION OVERVIEW

A-Level Environmental Science

2-Year Course

Board: AQA

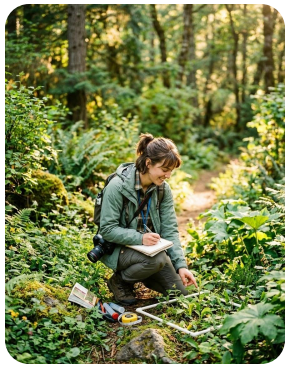
Core Modules & Topics

Living & Physical: Biodiversity, atmosphere, hydrosphere & cycles

Resources & Energy: Renewable energy & sustainable production

Pollution & Sustainability: Pollutant mitigation & circular economy

Research Methods: Fieldwork sampling & quantitative data analysis



Entry Requirements

GCSE Combined Science Grade 4-4

GCSE Mathematics Grade 4

GCSE English Language Grade 4

Assessment Framework

Paper 1 (50%): Physical Env, Energy, Pollution 3 Hours

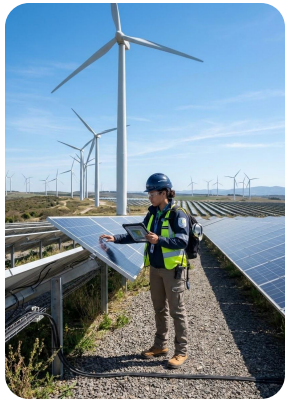
Paper 2 (50%): Living Env, Sustainability, Bio 3 Hours

Practical & Fieldwork: Min 15% assessed within papers (No Coursework)

Progression & Careers

Degrees: Marine Biology, Ecology, Geology, Climate Science

Key Sectors: Consultancy, Sustainable Tech, Planning, Law



AQA SPECIFICATION OVERVIEW

A-Level Biology

2-Year Course

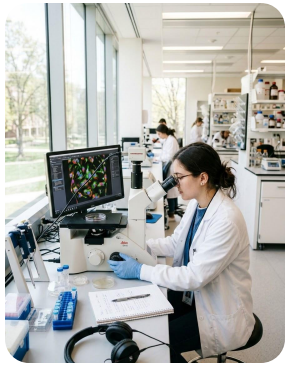
Board: AQA

Core Modules & Topics

Biological Molecules & Cells: Structure, transport & immunity

Energy Transfers & Response: Respiration, photosynthesis & homeostasis

Genetics & Gene Expression: Inheritance, populations & biotechnology



Entry Requirements

GCSE Biology / Science Grade 6

GCSE Mathematics Grade 6

GCSE English Language Grade 5

Assessment Framework

Paper 1 (35%): Molecules, Cells & Genetics 2 Hours

Paper 2 (35%): Energy, Response & Expression 2 Hours

Paper 3 (30%): Synoptic, Practicals & Essay 2 Hours

Practical Endorsement: Teacher-assessed across 12 core labs (Pass/Fail)

Progression & Careers

Essential Degrees: Medicine, Dentistry, Veterinary, Biomedical

Career Fields: Pharmacology, Genetics, Biotech, Conservation



AQA SPECIFICATION OVERVIEW

A-Level Law

2-Year Course

Board: AQA

Core Modules & Topics

English Legal System: Structure, personnel, police & judges

Criminal Law: Offences, liability, procedure & defences

Tort Law: Negligence, duty of care & civil liability

Human Rights: Fundamental freedoms & legal protection



Entry Requirements

GCSE English Language **Grade 5**

GCSE Law **Not Required**

Assessment Framework

Paper 1: Legal System & Criminal Law 1h 30m

Paper 2: Legal System & Law of Tort 1h 30m

Paper 3: Legal System & Human Rights 1h 30m

Assessment Method: 100% Terminal Written Examinations

Progression & Careers

Degrees: Law (LLB), Criminology, Politics, Human Rights

Key Sectors: Solicitor, Barrister, Policing, Legal Executive, Civil Service



AQA SPECIFICATION OVERVIEW

A-Level English Language & Literature

2-Year Course

Board: AQA

Core Focus & Stylistics

Stylistics Integration: Linguistic analysis merged with literary criticism

Textual Diversity: Speech, prose, poetry, drama & non-literary texts

Social Themes: Conflict, gender, power & spontaneous speech



Entry Requirements

GCSE English Lang / Lit **Grade 5**

Essential Attitude **Wide Reading**

Assessment & Methodology

Two Written Exams: Text analysis & creative response Terminal

Coursework (NEA): Independent thematic investigation 2 Texts

Learning Style: Seminar-based discussions, critical reading & creative writing

Progression & Careers

Degrees: English, Linguistics, Journalism, Media, Law

Key Sectors: UX Writer, PR, Marketing, Speechwriting, SEO



EDEXCEL SPECIFICATION OVERVIEW

A-Level Product Design

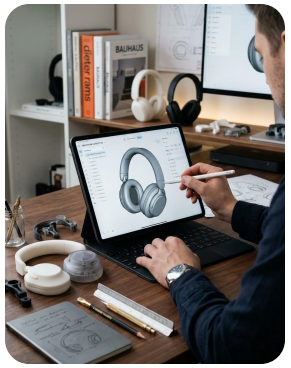
2-Year Course | Board: Edexcel

Core Focus & Principles

Iterative Process: CAD modeling, rapid prototyping & client focus

Materials & Tech: Materials science, smart tech & digital manufacturing

Design Theory: Sustainable manufacturing & historical movements



Entry Requirements

GCSE English Language Grade 4

GCSE Mathematics Grade 4

Prior D&T Subject Not Required

Assessment Framework

Written Examination (50%): Technical principles & materials Terminal

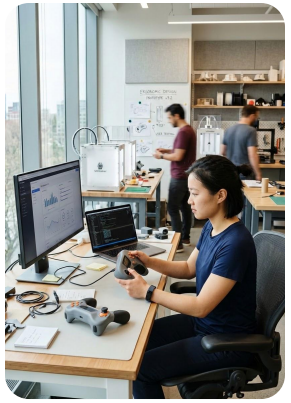
Practical Project (50%): Iterative design & make (NEA) Portfolio

Assessment Balance: Equal 50/50 split between technical exam & practical project

Progression & Careers

Pathways: Engineering, Architecture, Industrial Design, Apprenticeships

Key Roles: Product Designer, UX/UI, CAD Tech, Automotive & Medical Tech



WJEC SPECIFICATION OVERVIEW

Level 3 Criminology

2-Year Course

Board: WJEC

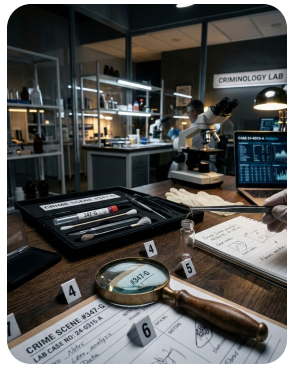
Core Modules & Topics

Changing Awareness: Types of crime, perceptions & campaigns

Criminological Theories: Social, psychological & biological causes

Scene to Courtroom: Police procedures, evidence & trial process

Crime & Punishment: Law enforcement, prisons & social control



Entry Requirements

5 GCSE Passes Grade 4+

GCSE English & Maths Grade 4+

Assessment Framework

Controlled Assessments: Practical internal tasks (Y12 & Y13)
Internal

Written Examinations: External theory exams (Y12 & Y13)
External

Interdisciplinary Study: Combines Psychology, Law & Forensic Science

Progression & Careers

Degrees: Criminology, Law, Forensic Psychology, Policing

Key Sectors: Police Force, Probation, Courts, Offender Management



EDEXCEL SPECIFICATION OVERVIEW

A-Level Government & Politics

2-Year Course

Board: Edexcel

Core Modules & Political Systems

UK Politics & Gov: Parliament, PM, Cabinet, elections & constitution

US & Comparative: Federalism, Congress, Presidency & UK comparison

Political Ideologies: Liberalism, Conservatism, Socialism & Feminism



Entry Requirements

GCSE History Grade 5

GCSE English Language Grade 5

GCSE Mathematics Grade 4

Assessment Framework

Paper 1: UK Politics & Core Ideologies Terminal Exam

Paper 2: UK Government & Non-Core Ideology Terminal Exam

Paper 3: US Government & Comparative Politics Terminal Exam

Core Skills: Comparative analysis, debate, policy research & legal cases

Progression & Careers

Degrees: Politics, PPE, International Relations, Law, History

Key Sectors: Civil Service, PR, Advocacy, Policy, Journalism



AQA SPECIFICATION OVERVIEW

A-Level Geography

2-Year Course

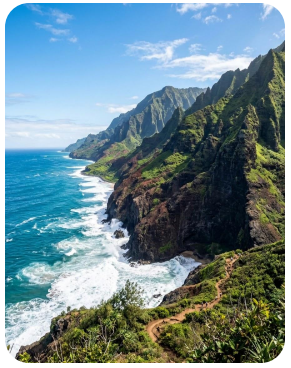
Board: AQA

Core Modules & Topics

Physical Geography: Coasts, natural hazards, water & carbon cycles

Human Geography: Changing places, global governance & population

Fieldwork & NEA: Y12 field trip & individual data investigation



Entry Requirements

GCSE Geography Grade 5

GCSE English Language Grade 5

GCSE Mathematics Grade 4

Assessment Framework

Two Written Exams: Physical & Human Geography Year 13

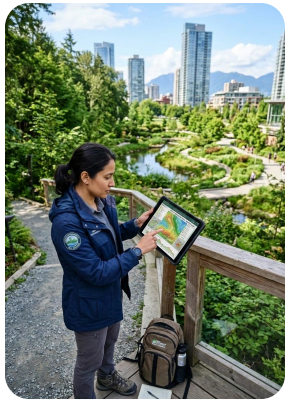
Individual Investigation (NEA): Fieldwork project Coursework

Subject Advantage: Bridges arts & sciences with high graduate employability

Progression & Careers

Pathways: Urban Planning, Environmental Science, Development, Data

Key Sectors: Consultancy, Emergency Planning, Law, Tourism, PR



AQA SPECIFICATION OVERVIEW

A-Level Mathematics

2-Year Course

Board: AQA

Core Modules & Disciplines

Pure Mathematics: Proof, algebra, functions & calculus

Mechanics: Forces, kinematics & mathematical modelling

Statistics: Probability, statistical sampling & data analysis



Entry Requirements

GCSE Mathematics High Grade 6

Baseline Assessment Course Start

Level 2 Further Maths Desirable

Assessment Framework

Paper 1 (33.3%): Pure Mathematics 2 Hours (100 Marks)

Paper 2 (33.3%): Pure & Mechanics 2 Hours (100 Marks)

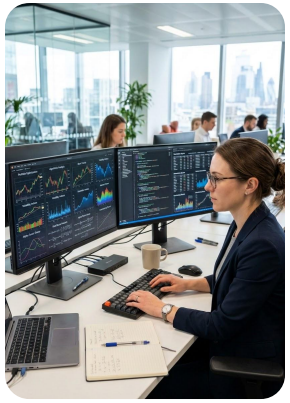
Paper 3 (33.3%): Pure & Statistics 2 Hours (100 Marks)

Format: 3 terminal written calculator papers at the end of Year 13

Progression & Careers

Key Fields: Engineering, Technology & AI, Finance, Research

Specialisms: Sports Biomechanics, Statistics, Medicine, Sciences



PEARSON BTEC SPECIFICATION OVERVIEW

Level 3 Business Studies

2-Year Course

Board: Pearson BTEC

Core Units & Practical Focus

Business Environment: Structures, environment & financial planning

Marketing Campaigns: Developing, planning & launching campaigns

Recruitment & Selection: HR processes, interviewing & practical skills



Entry Requirements

GCSE English Language Grade 4

GCSE Mathematics Grade 4

L2 BTEC Enterprise Not Required

Assessment Framework

Year 12: Coursework & Controlled Assessment 2 Units

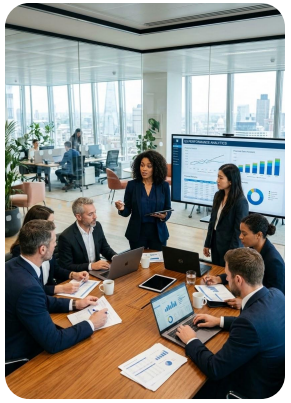
Year 13: Coursework & External Examination 2 Units

Assessment Balance: Combination of practical coursework & formal exams

Progression & Careers

Degrees: Business Management, Marketing, Finance, HR

Employer Value: Highly favoured for practical business skills



AQA SPECIFICATION OVERVIEW

A-Level Physics

2-Year Course

Board: AQA

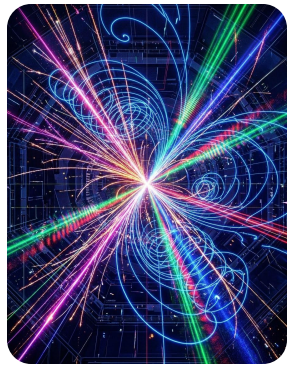
Core Modules & Topics

Core Principles: Particles, radiation, waves, mechanics & electricity

Advanced Fields: Thermal physics, fields, nuclear & capacitance

Specialist Options: Astrophysics, Medical, Engineering or Electronics

Practical Skills: Experimental design, error evaluation & modeling



Entry Requirements

GCSE Physics / Science Grade 6

GCSE Mathematics Grade 6

A-Level Mathematics Strongly Rec.

Assessment Framework

Paper 1 (34%): Particles, Waves, Mechanics & Electricity 2 Hours

Paper 2 (34%): Thermal Physics, Fields & Nuclear Physics 2 Hours

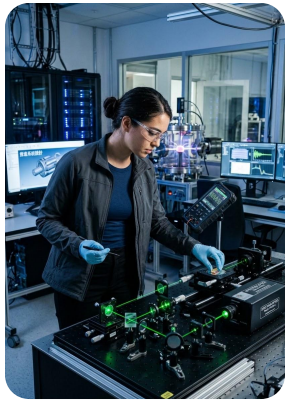
Paper 3 (32%): Practical Skills, Data Analysis & Option 2 Hours

Practical Endorsement: Teacher-assessed across 12 core labs (Pass/Fail)

Progression & Careers

Degrees: Engineering, Physics, Astrophysics, CompSci, Architecture

Career Fields: Data Science, Finance, Software Dev, R&D



AQA SPECIFICATION OVERVIEW

A-Level Economics

2-Year Course

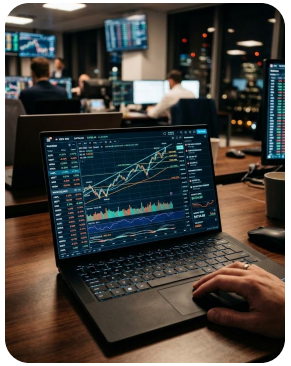
Board: AQA

Core Focus & Economic Analysis

Quantitative Skills: Statistical data, index numbers, graphs & metrics

Economic Models: Critical evaluation of micro & macro enquiry

Market Trends: Analysis of 15-year macroeconomic & global developments



Entry Requirements

GCSE Mathematics **Grade 6**

GCSE English Language **Grade 5**

Key Attribute **Current Affairs**

Assessment Framework

Three Terminal Examinations: Written papers at Year 13 end 1h 30m each

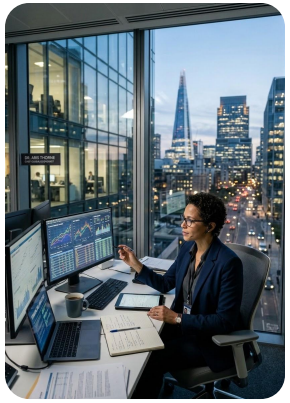
Assessment Content: Microeconomics, Macroeconomics & Data 3 Papers

Core Skills: High-level analytical, problem-solving & numerical abilities

Progression & Careers

Higher Ed: Highly regarded by Oxbridge & Russell Group

Key Careers: Banking, Risk Analyst, Investment, Accounting, Policy



AQA SPECIFICATION OVERVIEW

A-Level German / Spanish

2-Year Course

Board: AQA

Core Focus & Cultural Mastery

Social Trends: Family, digital world, immigration & multiculturalism

Political & Artistic Culture: History, media, politics & heritage

Film & Literature: Critical analysis of 1 book, 1 film & research project



Entry Requirements

GCSE German / Spanish **Grade 5+**

Core Aptitude **Cultural Interest**

Assessment Framework

Listening, Reading & Writing: Translation & comprehension Exam

Critical Writing: Literary & film essay analysis Exam

Speaking Assessment: Independent Research Project (IRP) Oral

Core Advantage: High cultural intelligence, university-level research & fluency

Progression & Careers

Degrees: Modern Languages, Law, Int. Relations, Business

Key Sectors: Diplomacy, Int. Business, Tech, Journalism, Law



AQA SPECIFICATION OVERVIEW

A-Level Psychology

2-Year Course

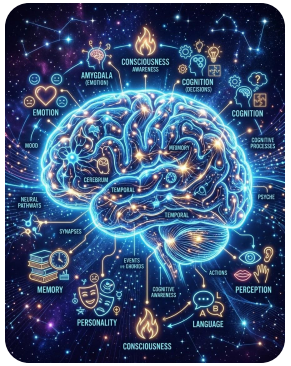
Board: AQA

Core Modules & Approaches

Introductory Topics: Social influence, memory, attachment & psychopathology

Core Contexts: Psychological approaches, biopsychology & research methods

Issues & Options: Gender, schizophrenia, forensic psychology & debates



Entry Requirements

GCSE English, Maths, Science **Grade 5 (Desirable)**

GCSE Psychology **Not Required**

Assessment Framework

Paper 1: Introductory Topics in Psychology 2 Hours

Paper 2: Psychology in Context & Research 2 Hours

Paper 3: Issues & Options in Psychology 2 Hours

Core Skills: Empirical research methods, statistical analysis & essay writing

Progression & Careers

Degrees: Clinical Psych, Educational Psych, Forensic Psych, Social Work

Key Sectors: Healthcare, HR, Management, Advertising, Legal System



PEARSON BTEC SPECIFICATION OVERVIEW

Level 3 BTEC Sport

2-Year Course

Board: Pearson BTEC

Core Modules & Focus

Body Systems & Fitness: Anatomy, physiology & fitness programming

Sports Industry: Professional development, business & operations

Practical Performance: Specific sports application & performance analysis



Entry Requirements

GCSE English Language Grade 4+

GCSE Mathematics Grade 4+

GCSE PE / BTEC Sport Not Required

Assessment Framework

External Assessment: 2 written exam/set task units Classroom

Internal Assessment: 2 practical coursework units Computer Lab

Study Time: 5 hours/week taught lessons + 5 hours independent study

Progression & Careers

Core Pathways: Sports Management, Sports Coaching, Sport Psychology

Industry Value: Great foundation for diverse careers in the sports sector



PEARSON SPECIFICATION OVERVIEW

T-Level Health

2-Year Course

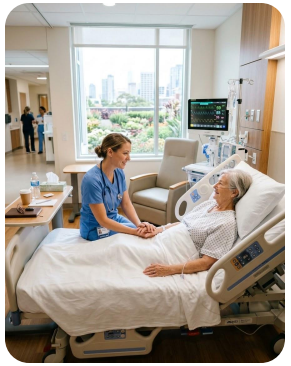
Board: Pearson

Core Concepts & Specialisms

Core Concepts: Anatomy, physiology, person-centred care & digital health

Occupational Specialisms: Adult nursing, mental health & youth care

Industry Placement: Min 315 hours (45 days) in clinical healthcare environments



Entry Requirements

5 GCSE Passes Grade 4+

GCSE Eng, Maths & Sci Grade 4+

Core Aptitude Compassion

Assessment Framework

Written Core Exams: 2 papers on theory & human physiology (Theory)

Employer-Set Project: Controlled synoptic case study project (Project)

Occupational Specialism: Clinical practical assessment (Y2) (Practical)

UCAS Tariff: Equivalent to 3 A-Levels for direct university entry

Progression & Careers

Degrees: Nursing, Midwifery, Paramedic Science, Physiotherapy

Pathways: Higher Apprenticeships, Senior NHS & Healthcare Roles



T-LEVEL SPECIFICATION OVERVIEW

T-Level Craft & Design

2-Year Course

Board: T-Level

Core Focus & Specialisms

Technical Mastery: Pattern drafting, garment construction & fabric work

Creative Economy: Sustainable production, ethical sourcing & innovation

Practical Outcomes: Studio concept development to high-spec prototypes



Entry Requirements

GCSE English Language Grade 4

GCSE Mathematics Grade 4

Prior D&T / Textiles Not Required

Assessment Framework

Written Core Exam: Creative sector, business & production(Exam)

Employer-Set Project: Real-world design brief task(Project)

Occupational Specialism: Textiles design-and-make project(Practical)

Industry Placement: **Practical work experience directly with fashion/textile employers**

Progression & Careers

Degrees: Fashion Design, Textile Design, Garment Tech, Costume

Pathways: Tailoring Apprenticeships, Sample Machinist, Brand Founder



EDEXCEL SPECIFICATION OVERVIEW

Extended Project Qualification (EPQ)

Half A-Level (UCAS) | Board: Edexcel

Core Focus & Project Structure

Self-Directed Research: Independent project chosen by the student

Project Options: 5,000-word dissertation OR practical project artefact

Skills Mastery: Project management, critical evaluation & planning



Entry Requirements

Specific GCSEs Open to All

Key Attribute Independent Drive

Assessment Framework

Production Log: Planning, logbook & reflections (Holistic)

Project Product: 5,000-word report OR artefact (Holistic)

Live Presentation: Delivery & supervisor Q&A (Holistic)

Assessment Style: 100% evidence-based portfolio (No Written Exams)

Progression & Value

UCAS Tariff: UCAS points worth 50% of a full A-Level

University Value: Highly regarded for reduced grade offers at top universities



OCR SPECIFICATION OVERVIEW

Level 3 Core Maths

AS-Level Equivalent

Board: OCR (MEI)

Core Focus & Real-World Skills

Practical Maths: Financial calculations, statistics & data analysis

Everyday Decision-Making: Real-world contexts without abstract proofs

Subject Support: Directly supports Biology, Psychology, Geography & Business



Entry Requirements

GCSE Mathematics Grade 4 (Grade 5 Ideal)

Prior Access GCSE Foundation

Assessment Framework

Two Written Papers: Quantitative reasoning & problem solving (Terminal)

Pre-Release Material: Clean data sheets & context briefs supplied (Pre-Release)

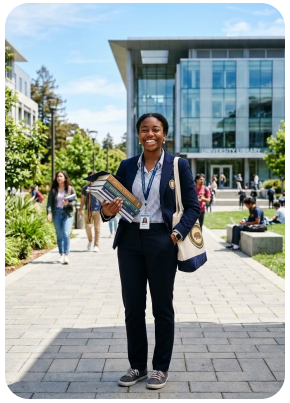
Calculator Permitted: Full scientific or graphical calculator used (100% Calc)

Focus: Contextual data interpretation, financial planning & practical math

Progression & UCAS Value

UCAS Tariff: Carries the same UCAS points as an AS-Level

Uni Value: Many universities lower entry offers for students with Core Maths



LEADERSHIP SKILLS FOUNDATION OVERVIEW

Level 3 Sports Leadership

60 Hours GLH

Board: Sports Leaders

Core Units & Leadership Modules

Leadership & Safety: Skill development, safety & session planning

Inclusive Delivery: Progressive sports sessions for diverse groups

Event Management: Plan, lead & evaluate sports & physical events



Entry Requirements

L2 Sports Leadership Desirable

GCSE Requirements Open Entry

Core Aptitude Passion for Coaching

Assessment Framework

Practical Observation: Assessed live session leadership (Practical)

Portfolio & Evaluations: Event plans & leadership logs (Evidence)

Time Commitment: 60 Hours GLH / 122 Hours TQT (Guided Study)

Assessment Style: 100% practical observation & logbook evidence (No Written Exams)

Progression & Careers

Primary Pathways: Sports Coaching, PE Teaching & Fitness Leadership

Industry Value: Aligned with national standards for inclusive sport leadership

