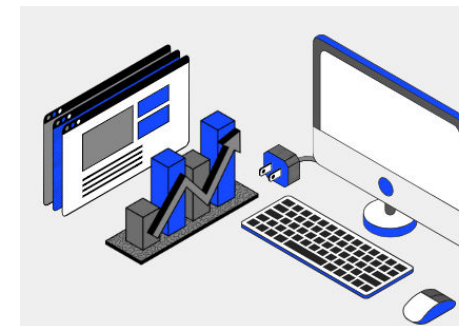
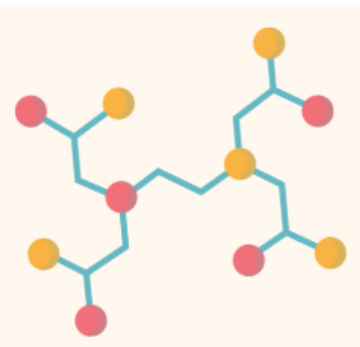


Career pathways in life sciences

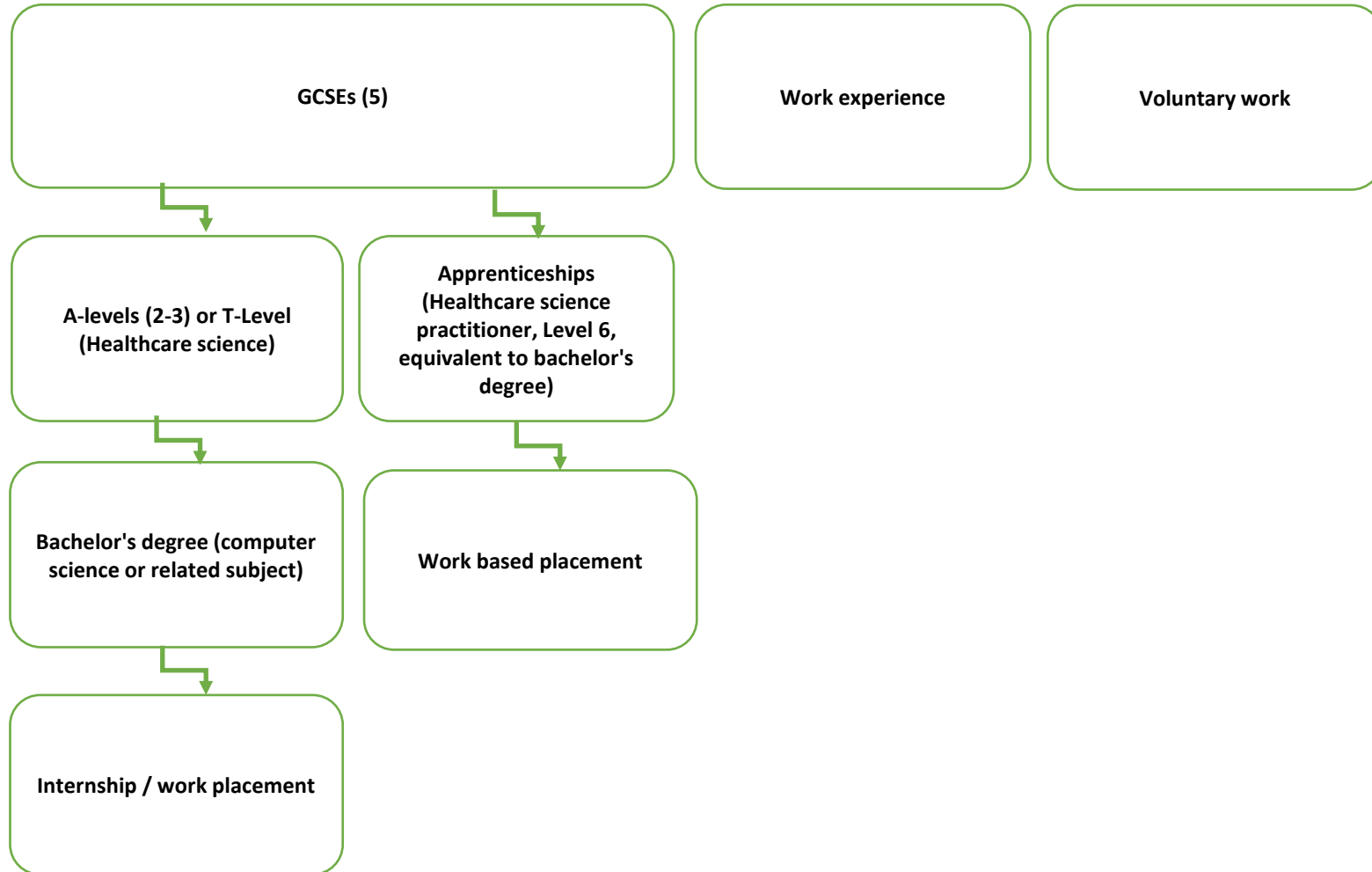




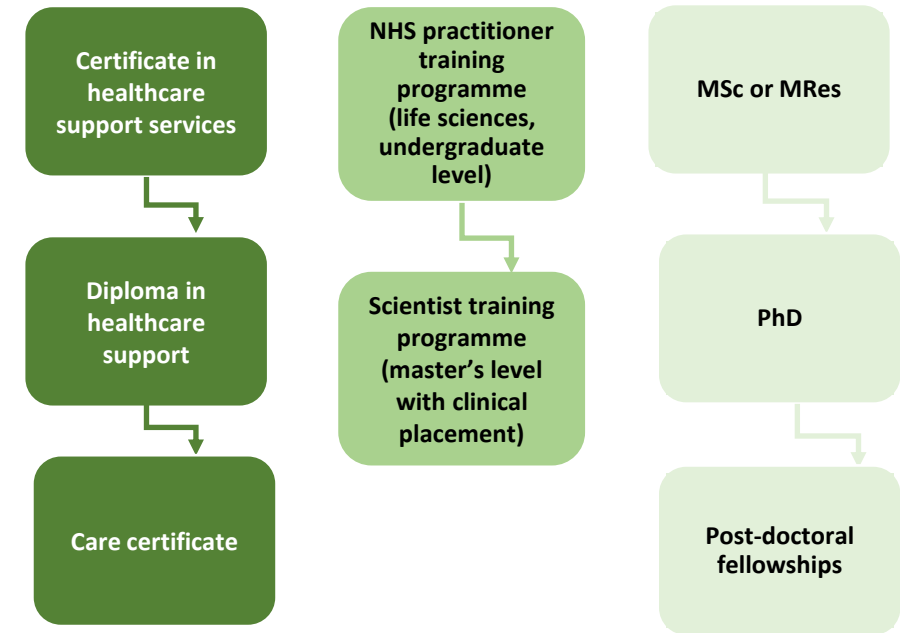
Lab



Healthcare Scientist (no set entry requirements)



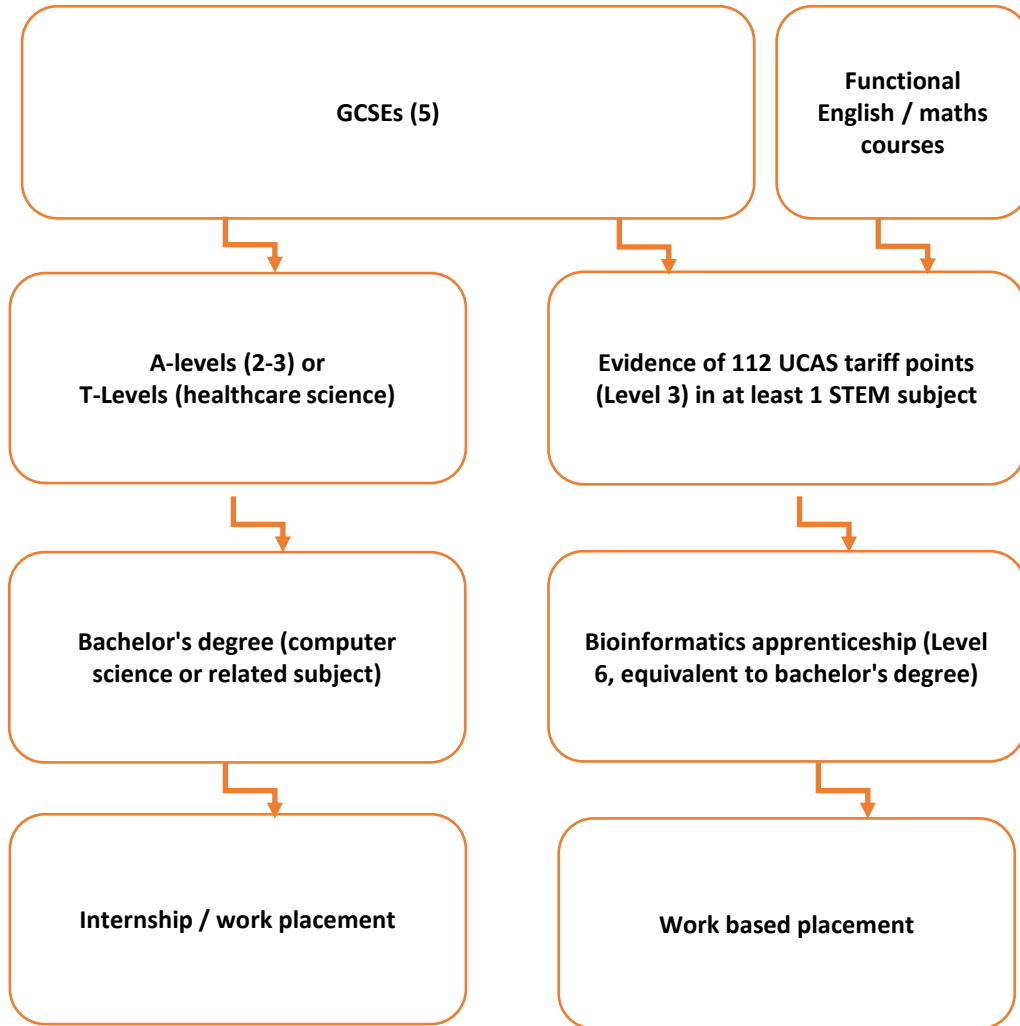
Advanced Qualifications



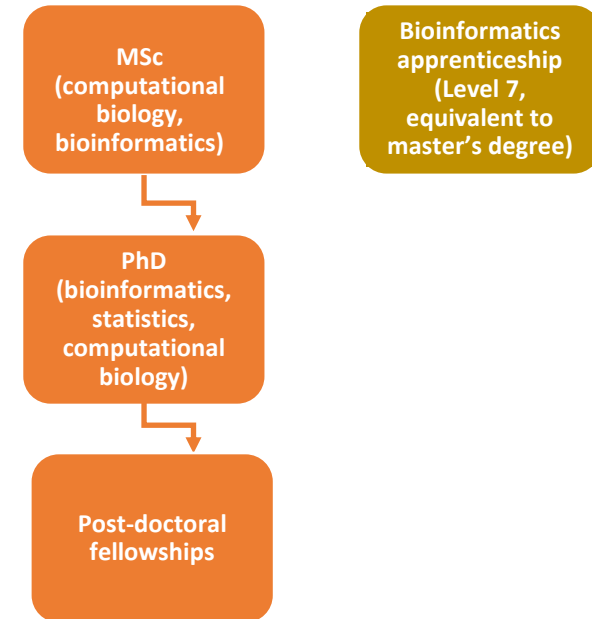
Prospective careers

- Healthcare Science Assistant
- Healthcare Science Associate
- Healthcare Science Practitioner
- Clinical Scientist
- Consultant Clinical Scientist

Computational Biologist



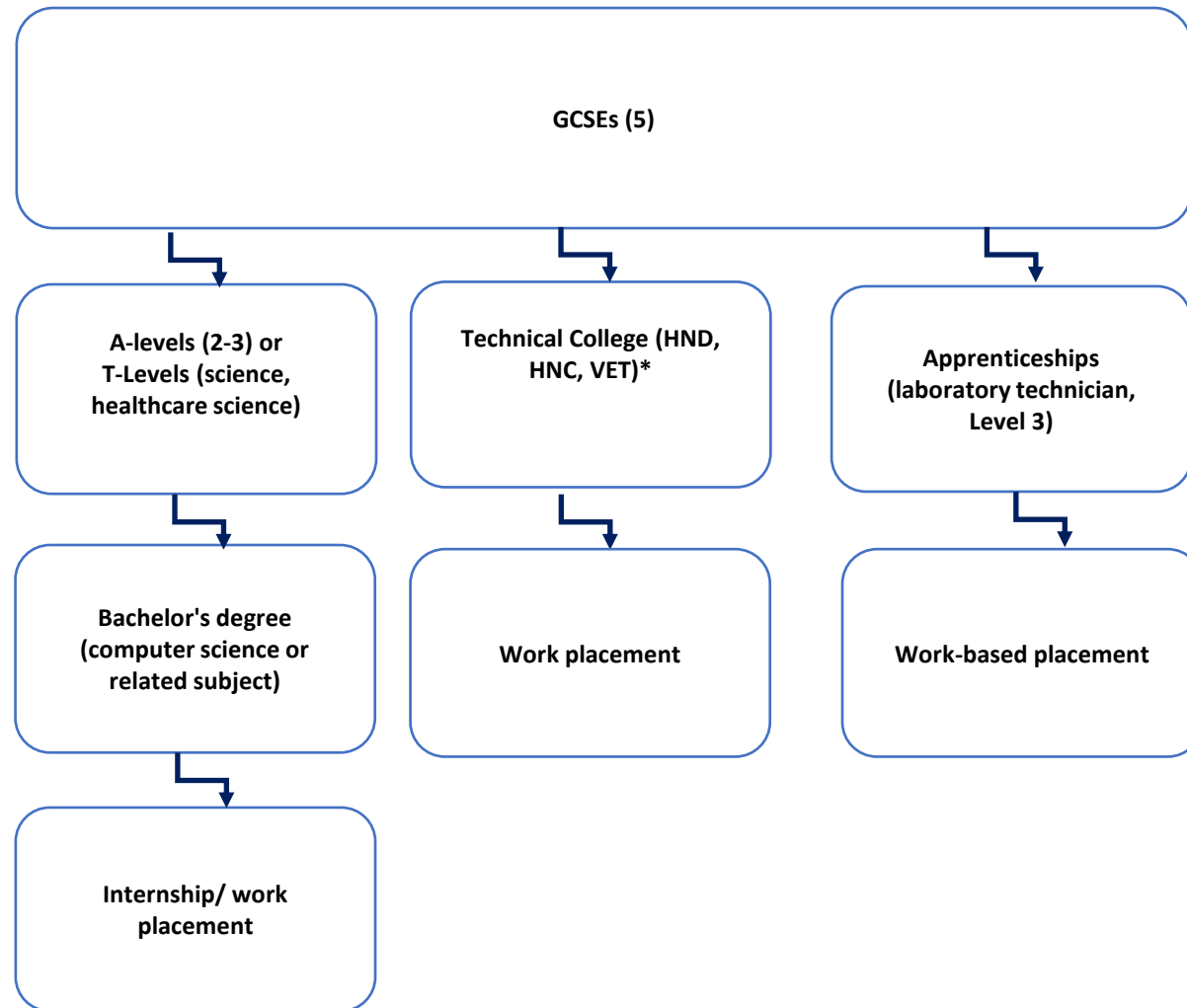
Advanced Qualifications



Prospective careers

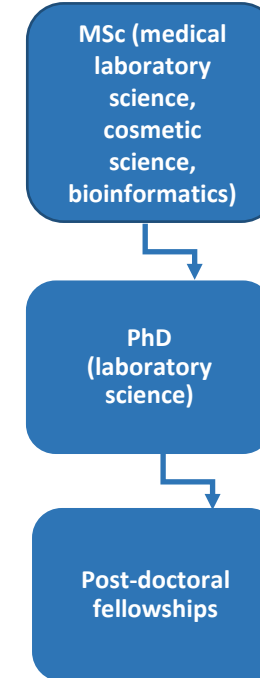
- Bioinformatics Researcher
- Drug Development
- Genetics
- Biotech & pharmaceutical industries
- Lecturer / Senior Lecturer

Lab Technician



*Higher diploma, higher certificate of education, vocational education and training qualification

Advanced Qualifications



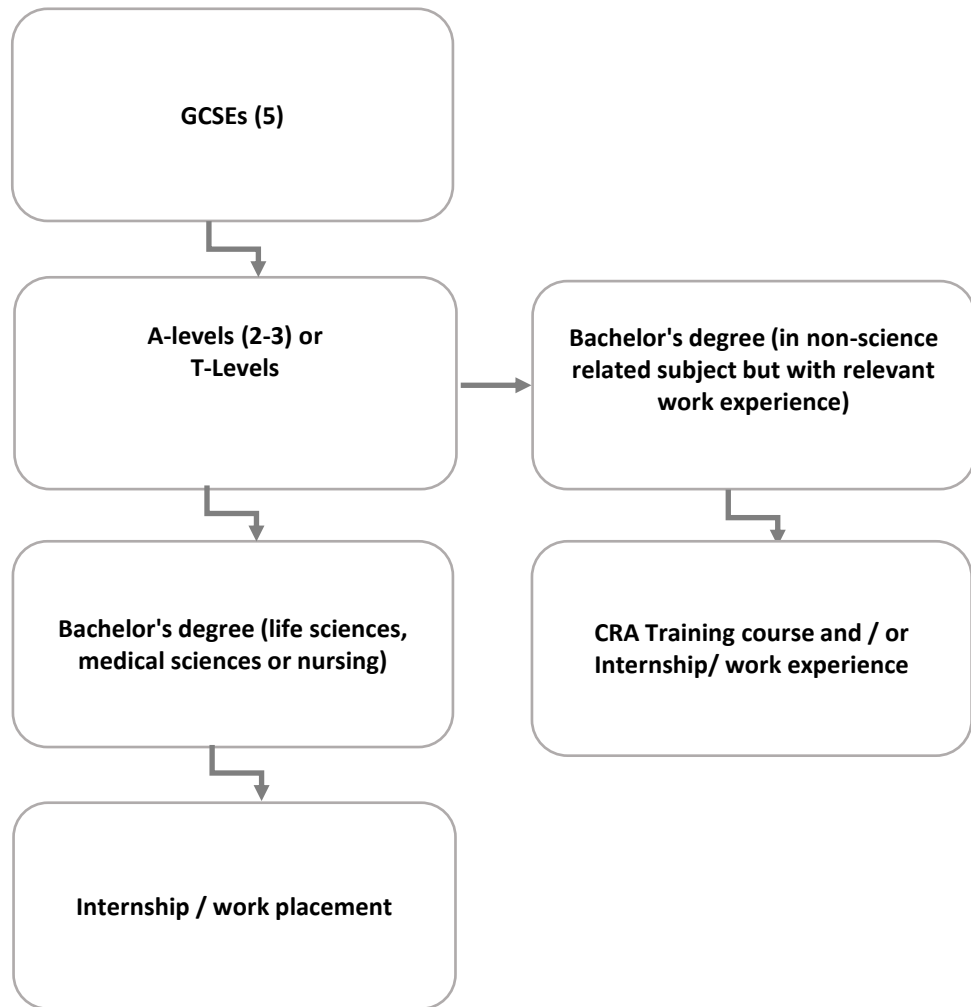
Prospective careers

- Junior Laboratory Technician
- Laboratory Support Technician
- Research and Development Laboratory Technician
- Quality Control Laboratory Technician
- Laboratory Manager
- Medical Laboratory Scientist

Fields:

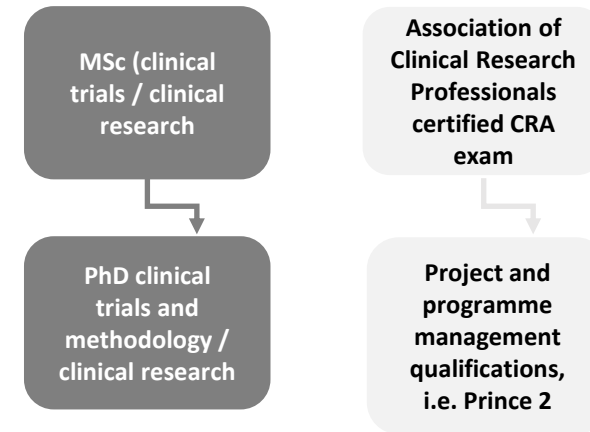
- Medical
- Research
- Industrial

Clinical Research Associate



*Higher diploma, higher certificate of education, vocational education and training qualification

Advanced Qualifications



Prospective Careers

- Clinical Research Coordinator
- Clinical Trials Administrator
- Clinical Trials Management
- Clinical Data Management
- Clinical Project Management
- Clinical Team Management
- Clinical Operations Management



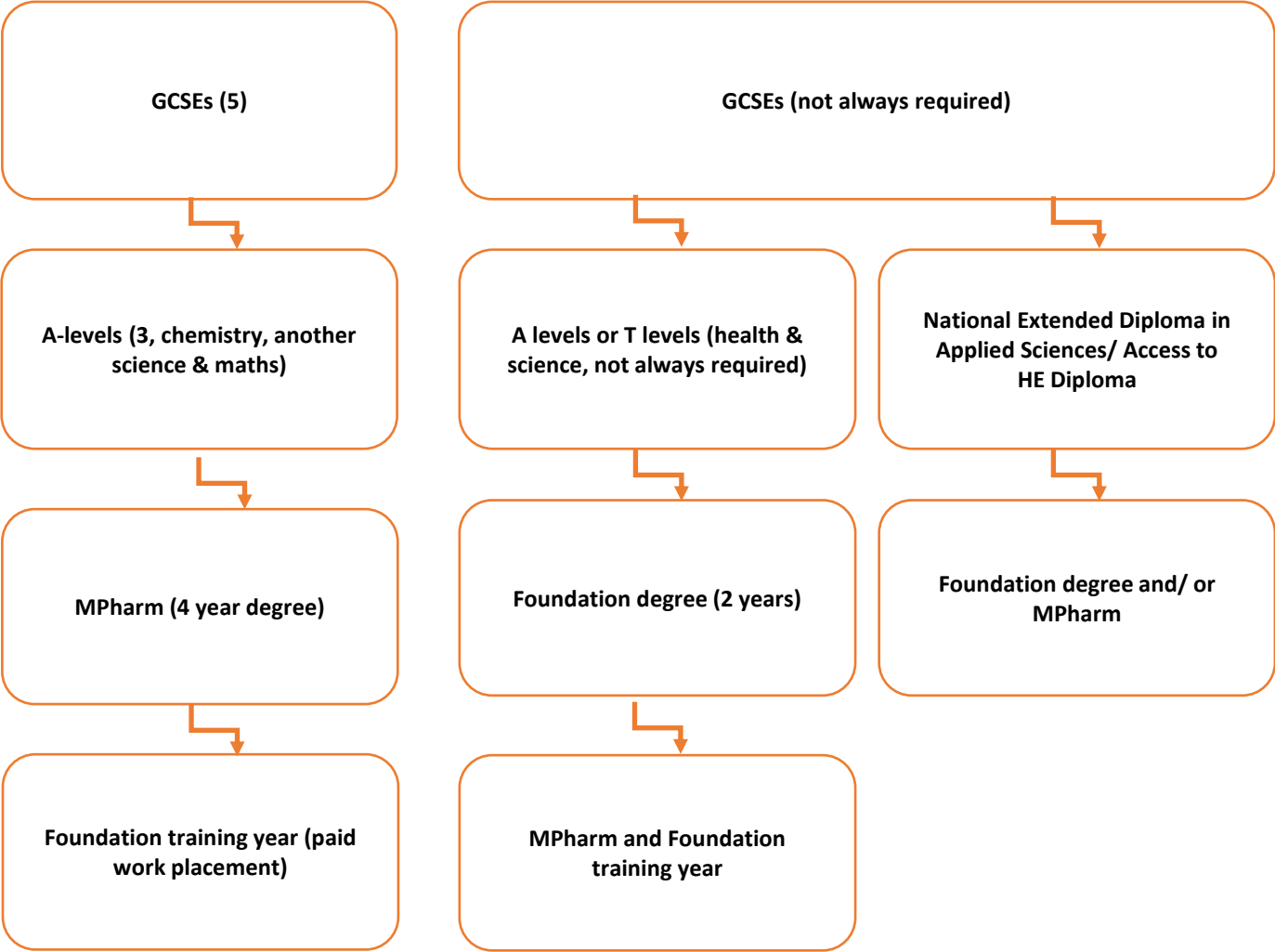
Health (hospital)



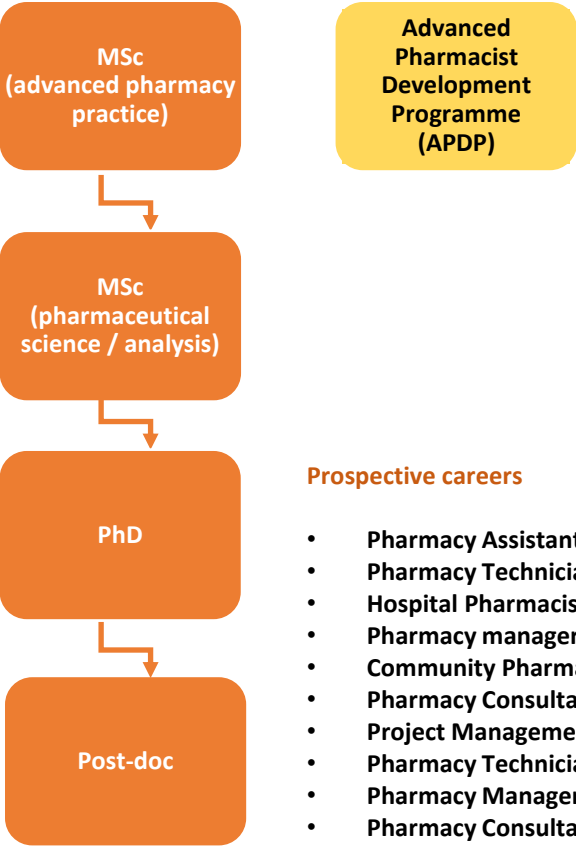
Healthcare Assistant (no set entry requirements)



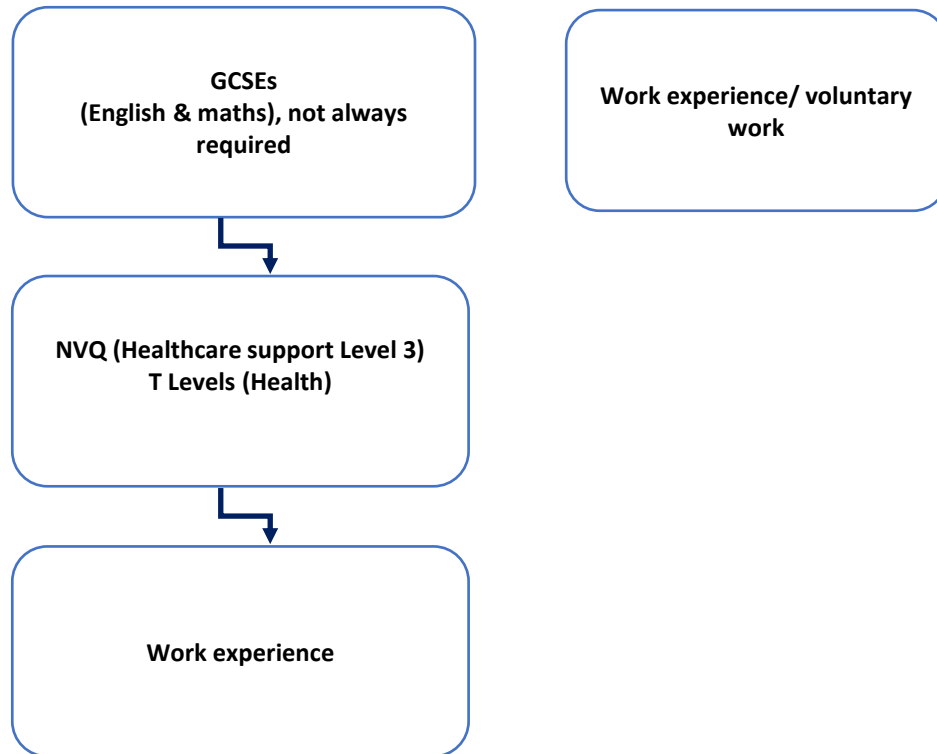
Pharmacist



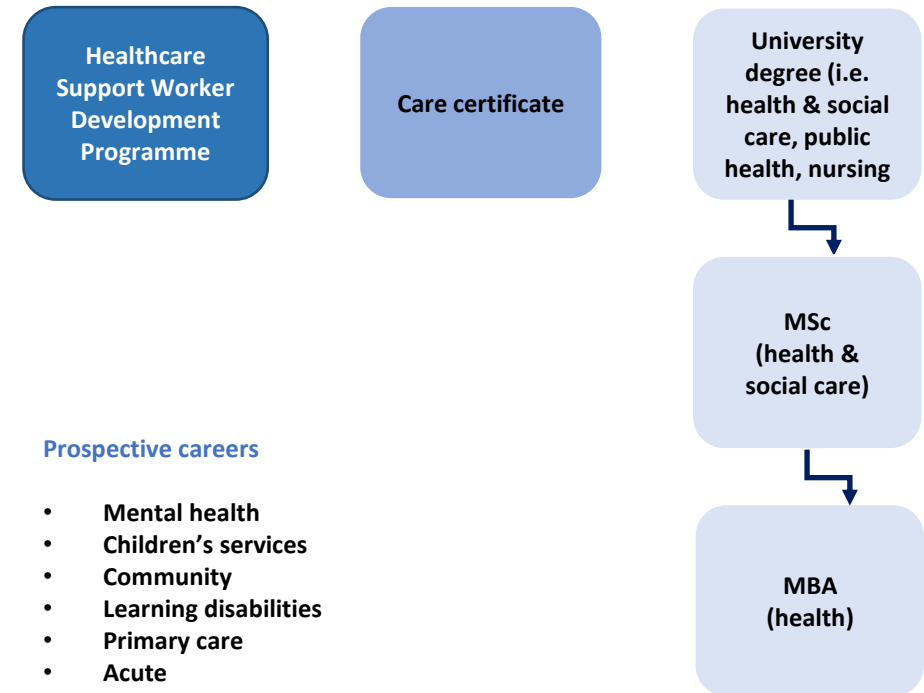
Advanced Qualifications



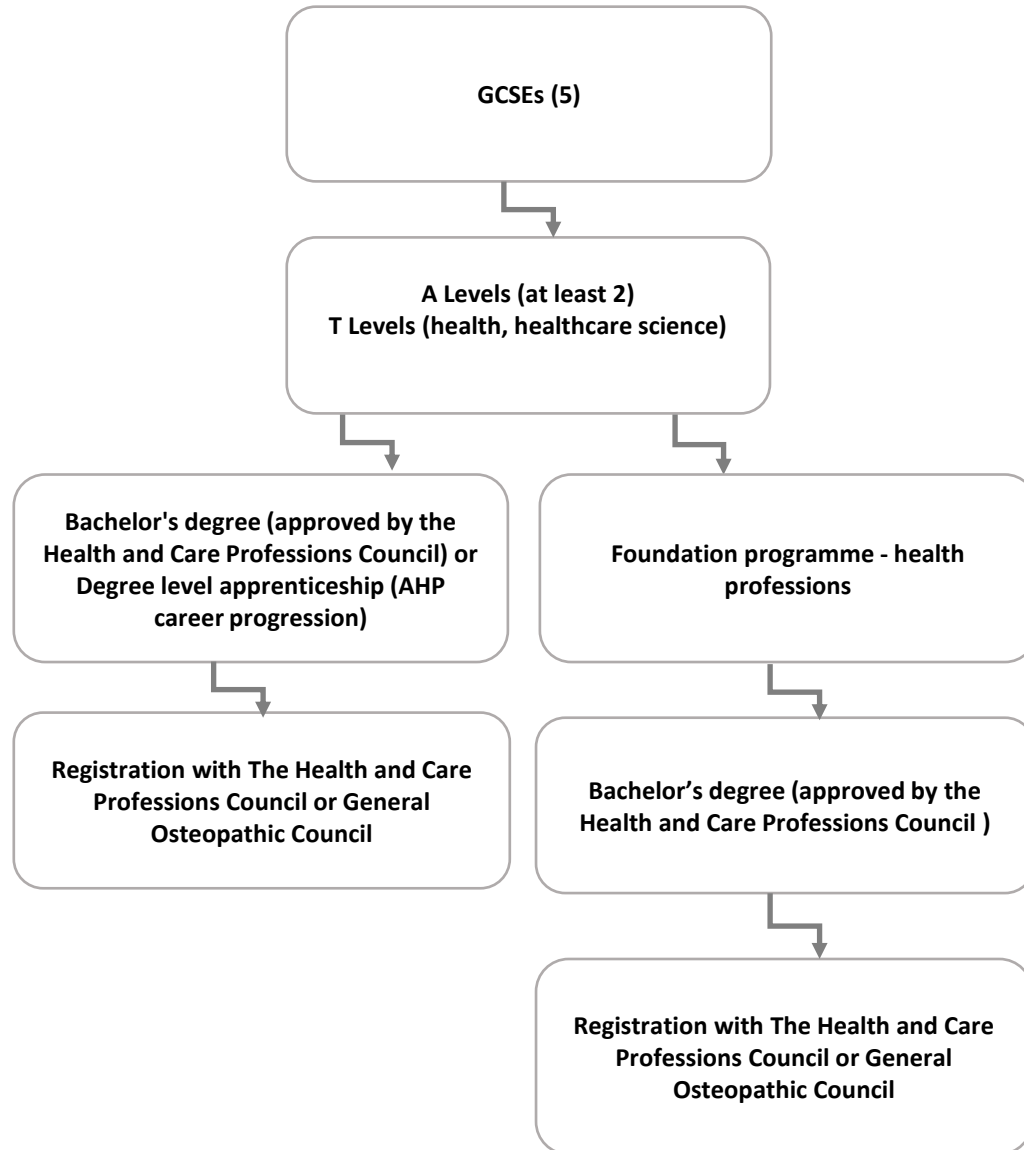
Healthcare Support Worker (no set entry requirements)



Advanced Qualifications



Allied Health Professional



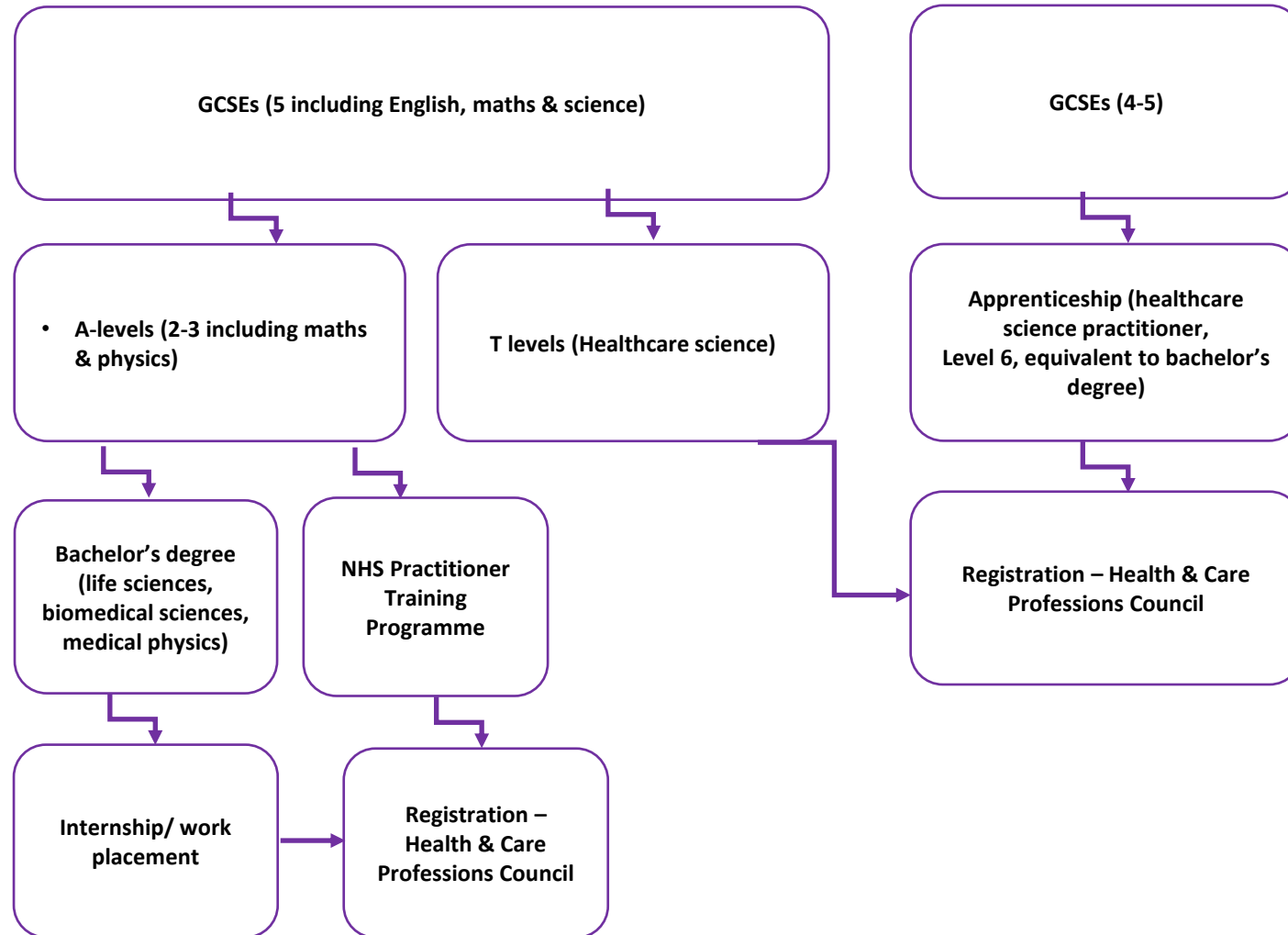
Advanced Qualifications



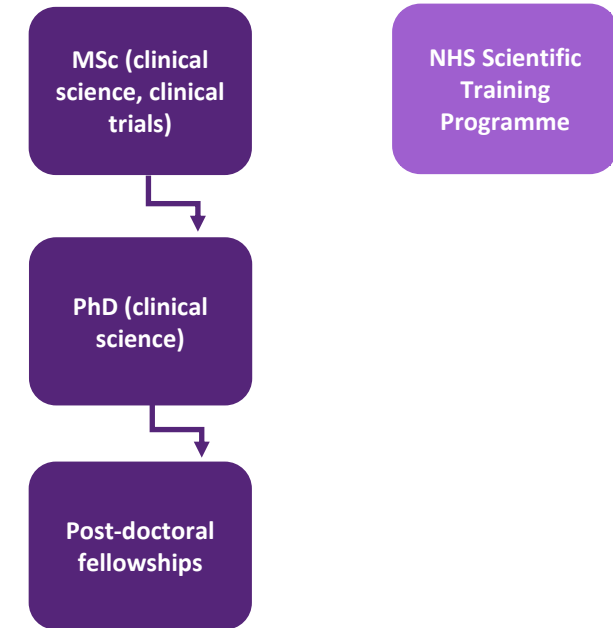
Prospective careers

- Diagnostic Radiographer
- Paramedic
- Podiatrist
- Physiotherapist
- Orthoptist
- Prosthetist

Clinical Scientist



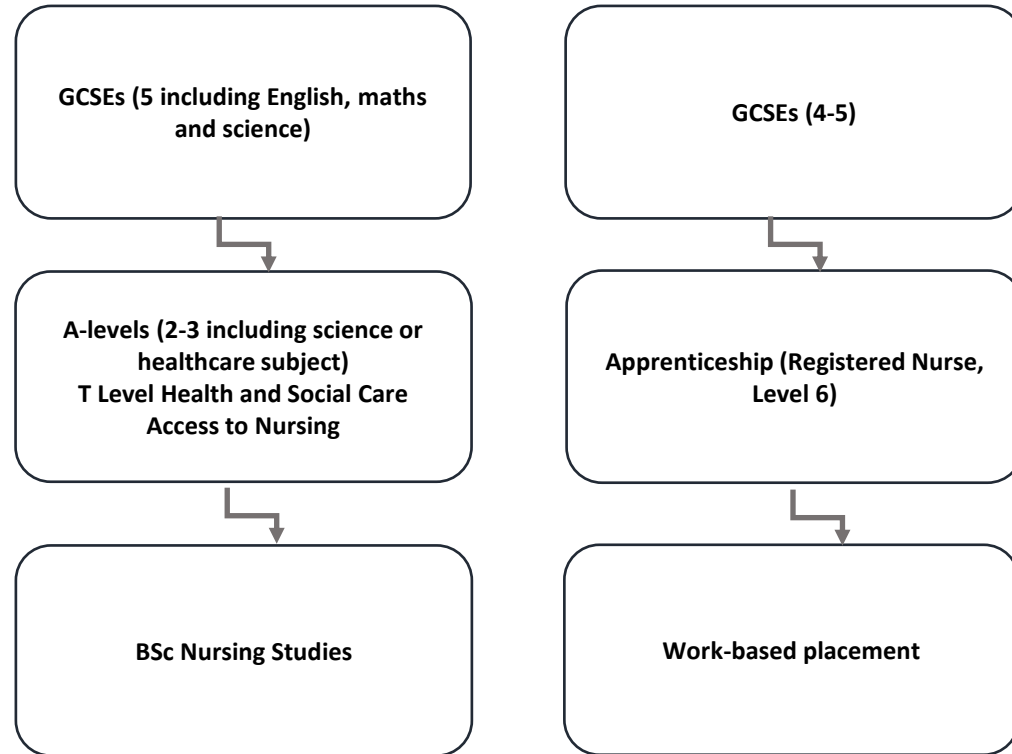
Advanced Qualifications



Prospective careers:

- Laboratory (pathology) sciences
- Physiological sciences
- Medical physics
- Clinical engineering
- Bioinformatics

Nursing



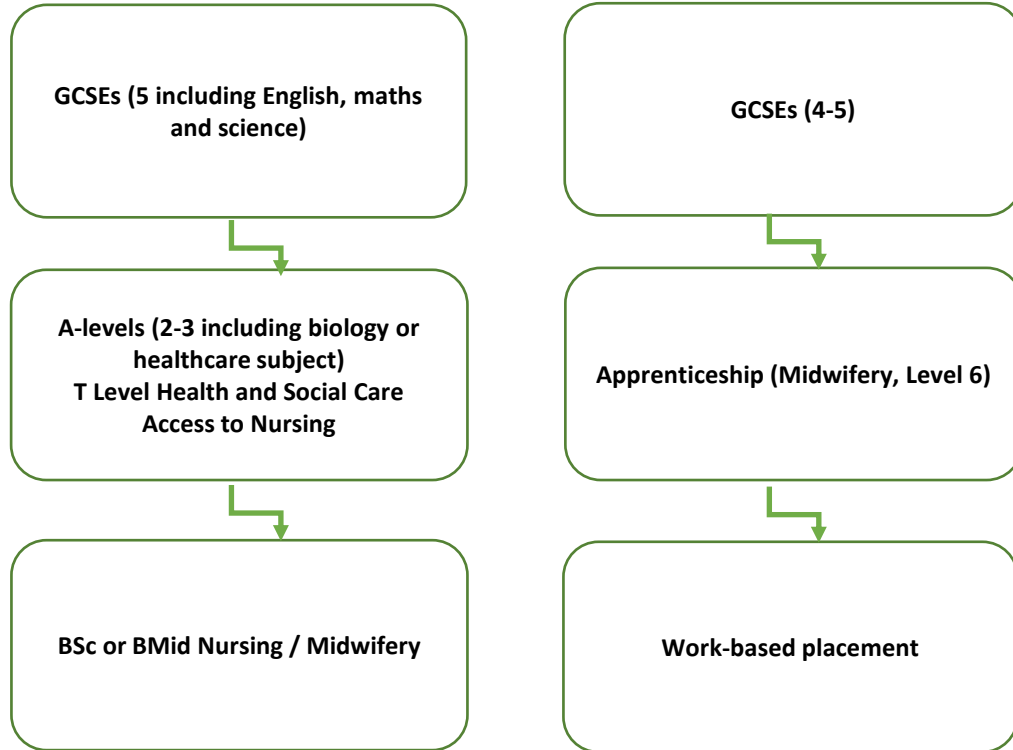
Advanced Qualifications



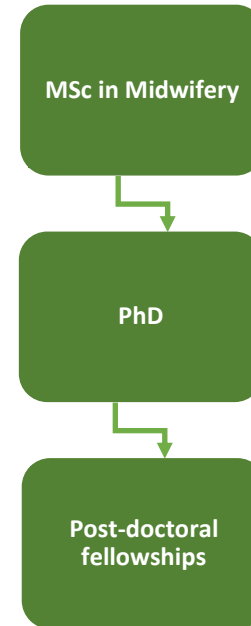
Prospective careers:

- Registered Nurse
- Clinical Nurse Specialist
- Nurse Educator
- Research Nurse
- Nurse Manager
- Nurse Consultant
- Director of Nursing

Midwifery



Advanced Qualifications



Prospective careers:

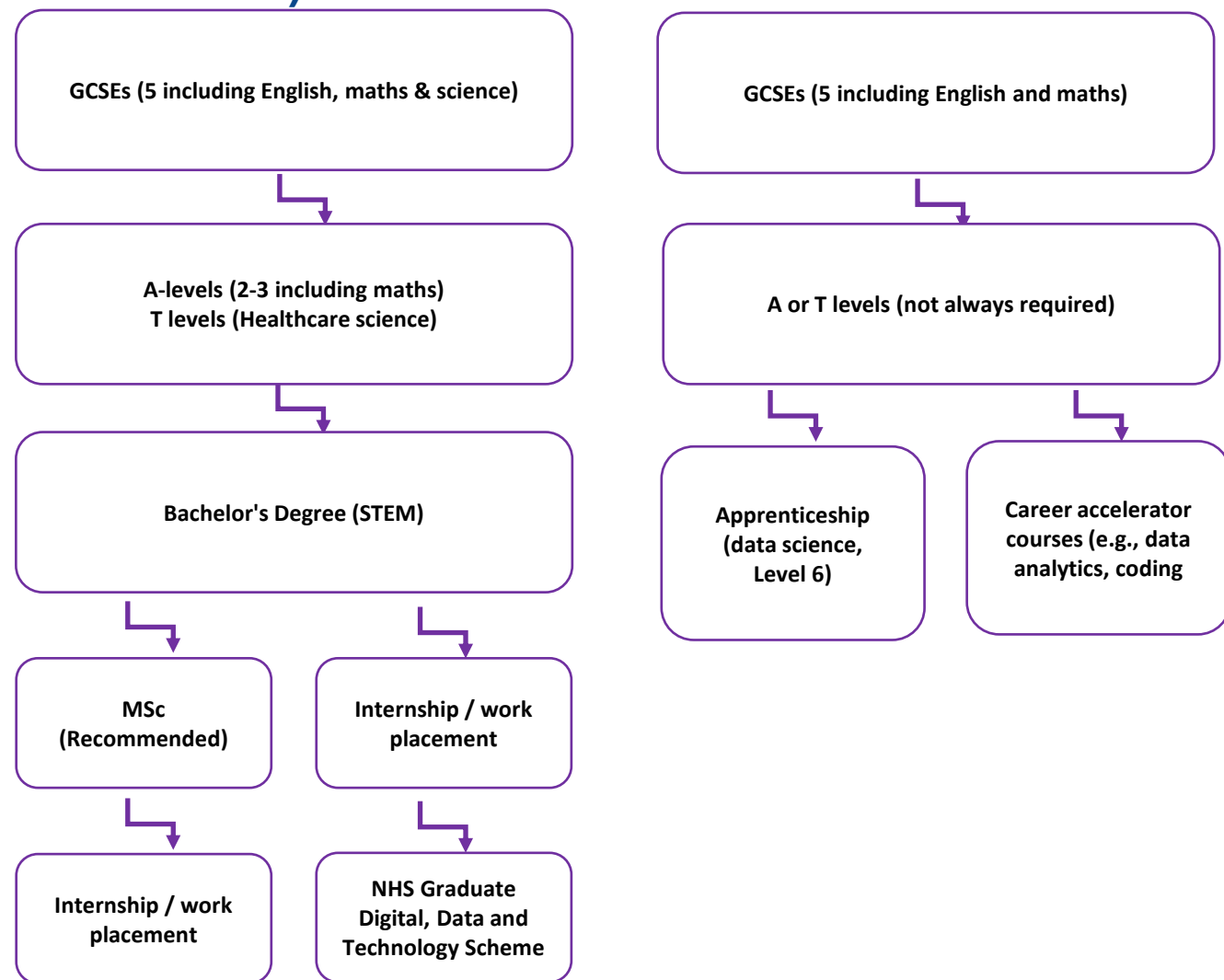
- Certified Nurse-Midwife
- Certified Midwife
- Direct Entry Midwife (apprenticeships)
- Midwife Educator
- Research Midwife
- Public Health Midwife
- Midwifery Policy Maker



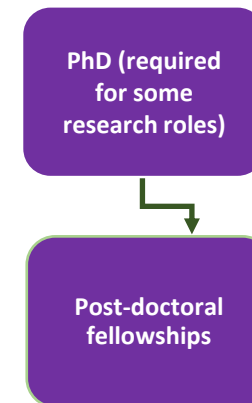
Health Tech



Healthcare Data Scientist (formal qualifications not required but recommended)



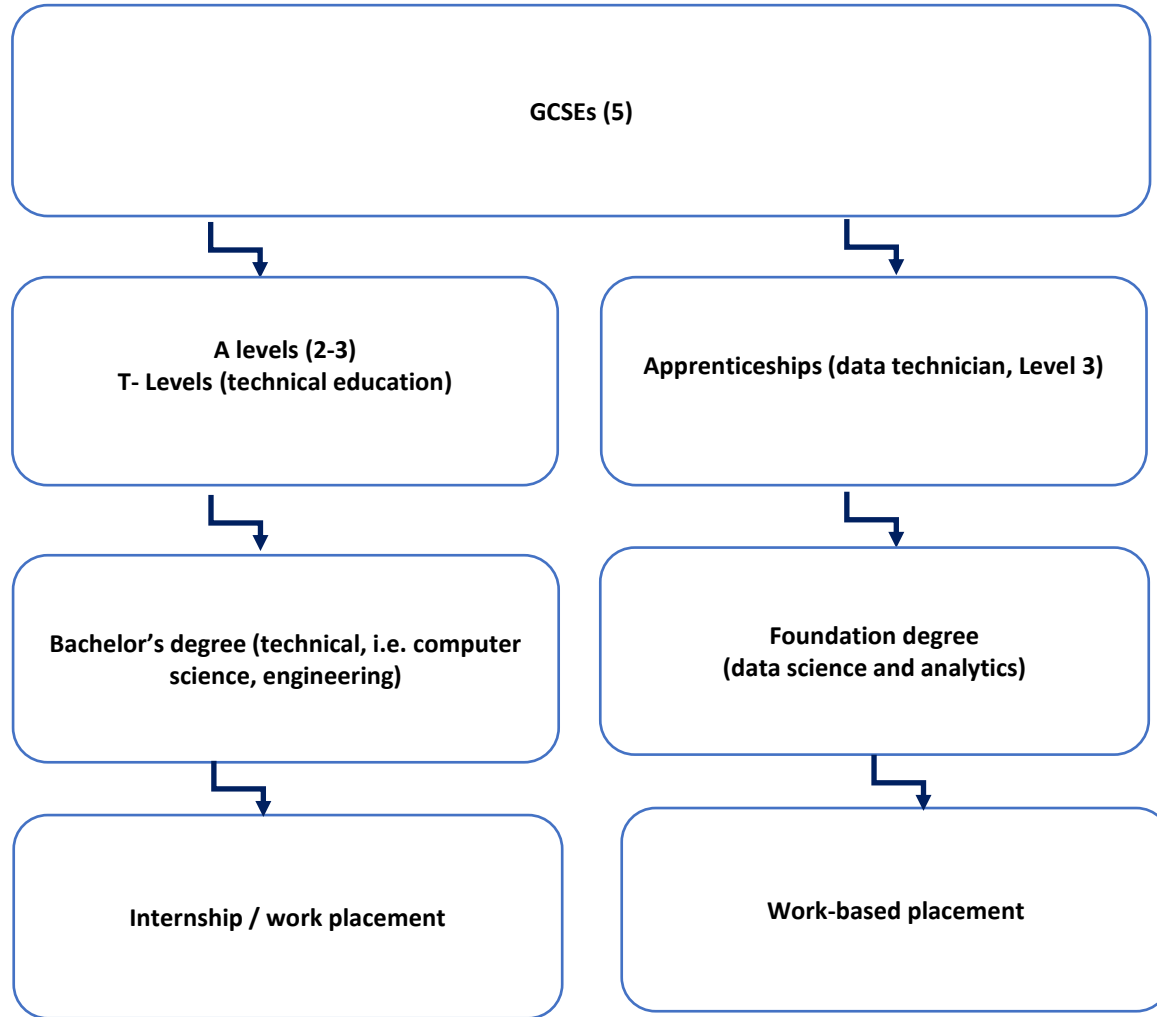
Advanced Qualifications



Prospective careers:

- Data Scientist
- Research Data Scientist
- Senior Data Scientist
- Digital Fellow
- Data Analyst
- Head of Data Science
- Director of Data Science

Data Centre Technician



*Certified Data Centre Technician Professional

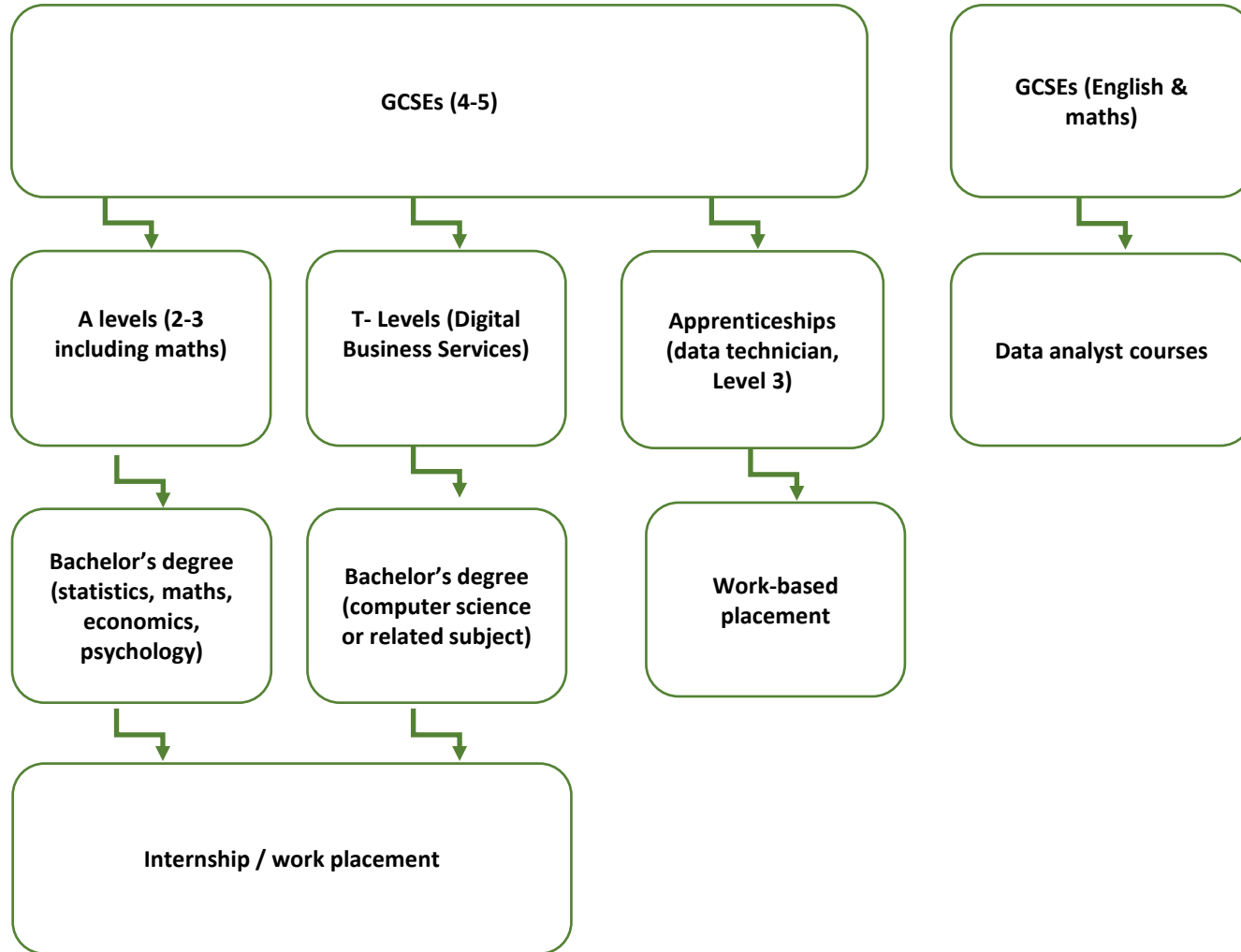
Advanced Qualifications

MSc
(Data centre leadership and management)

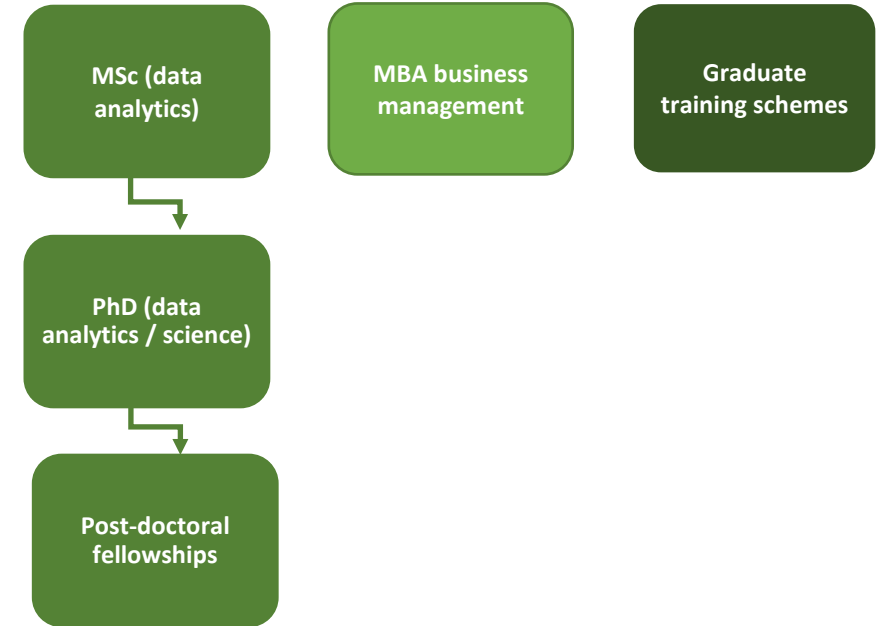
Prospective careers:

- Data Centre Administrator
- Network / Computer Systems Engineer
- Data Warehouse Manager
- Data Centre Engineer
- Data Centre Operations Manager
- Technical Consultant
- Technical Architect
- Information Technology Manager

Data Analyst



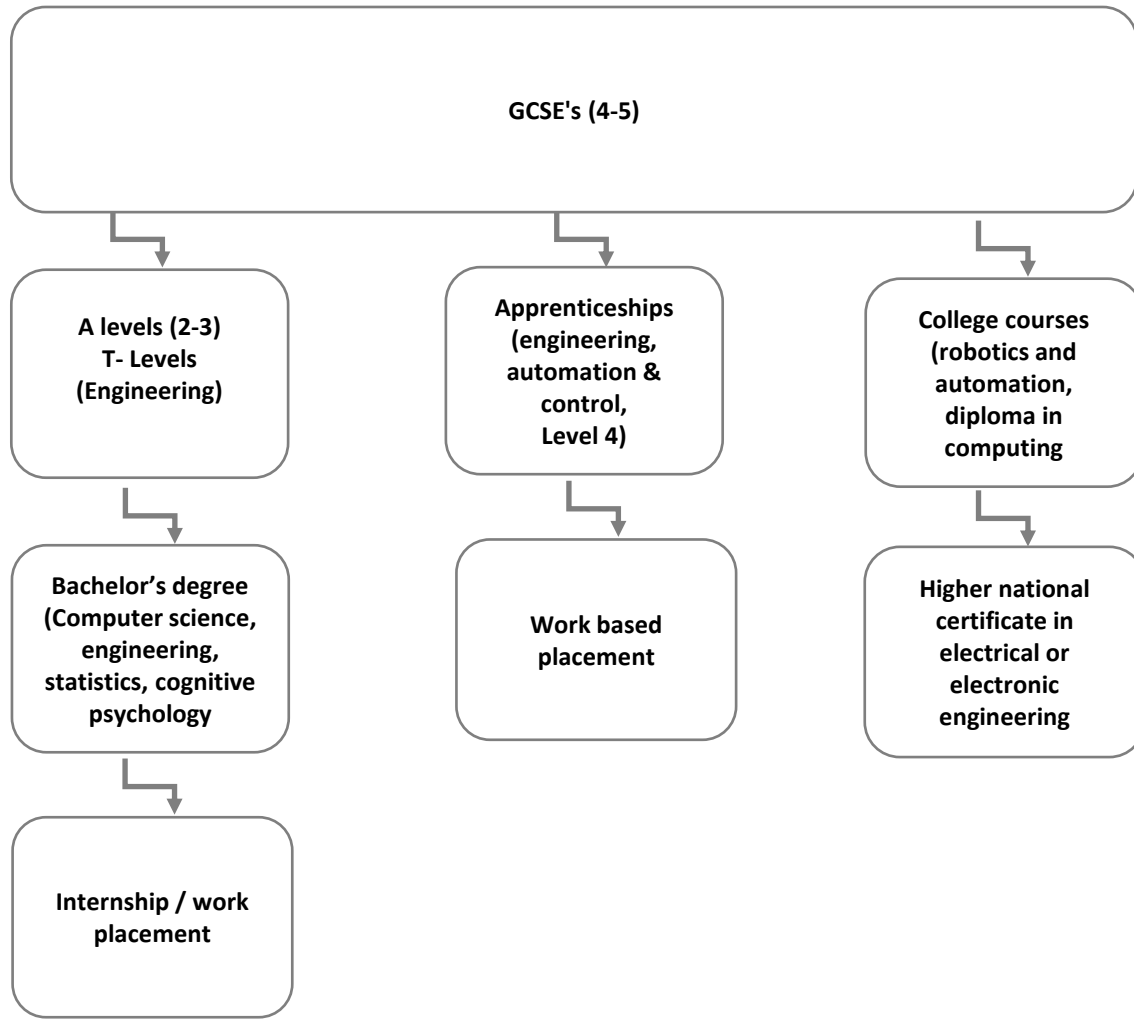
Advanced Qualifications



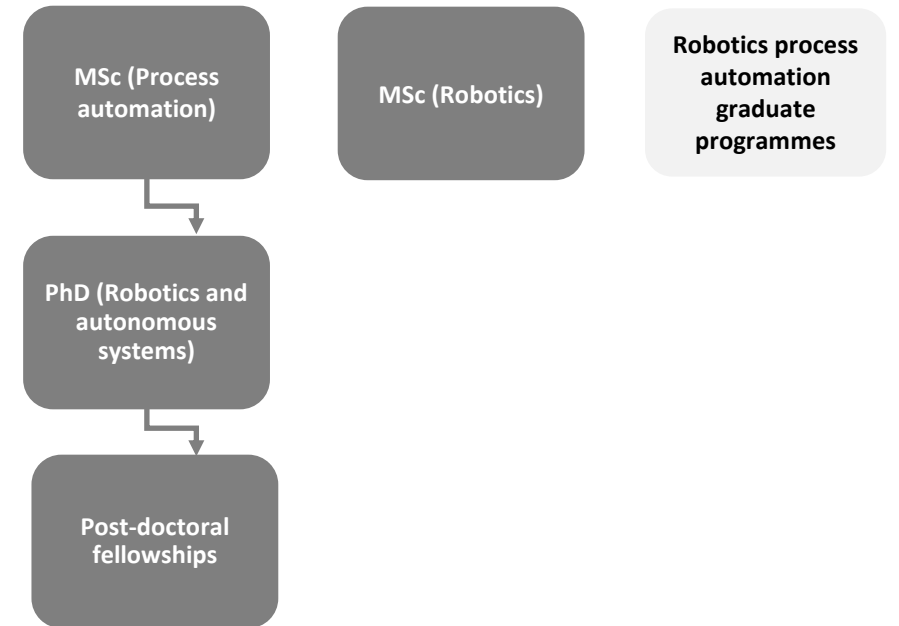
Prospective careers:

- Senior Data Analyst
- Statistician
- Business Intelligence
- Data Assurance
- Data Quality
- Finance

Robotics Process Automation



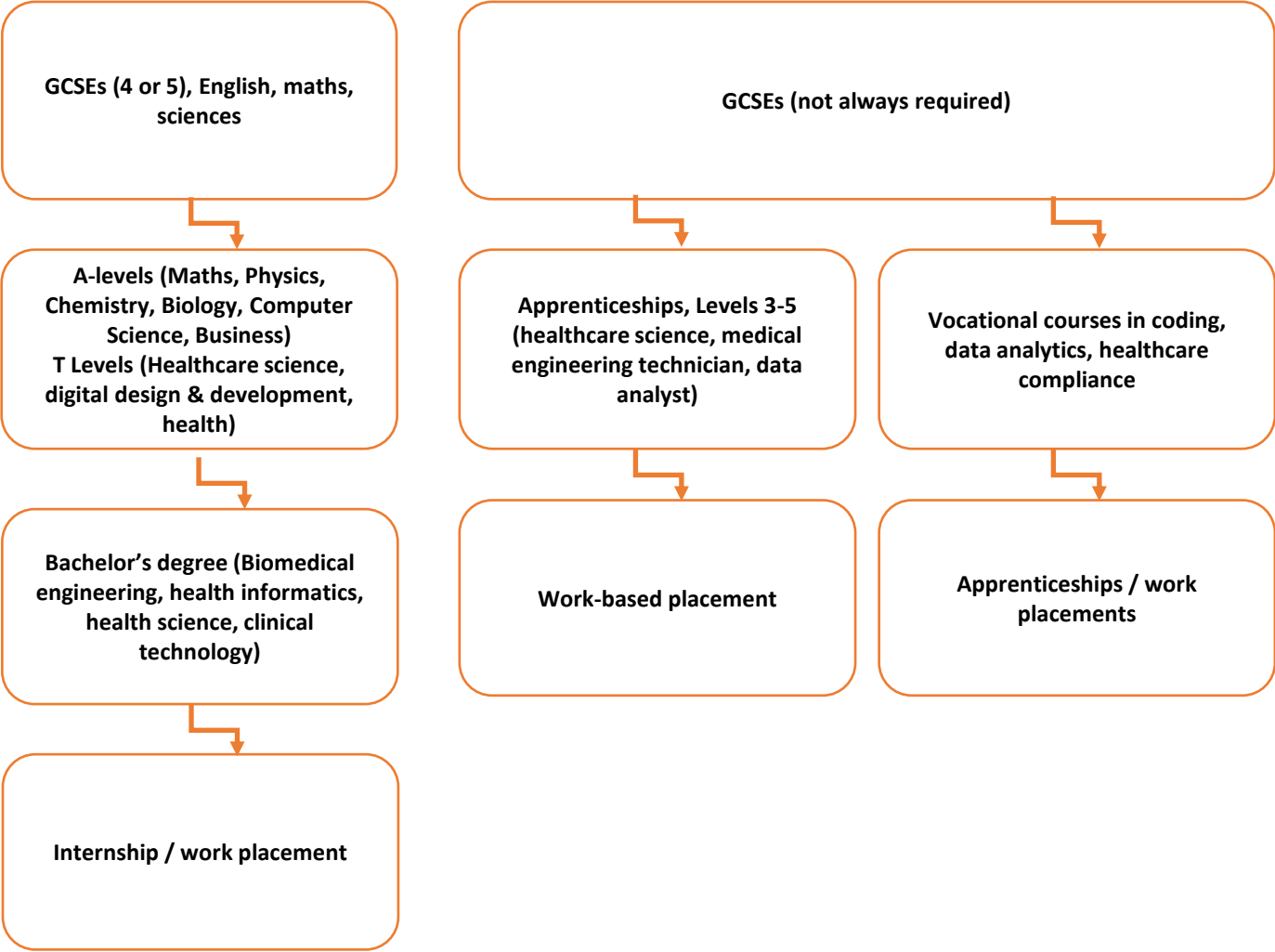
Advanced Qualifications



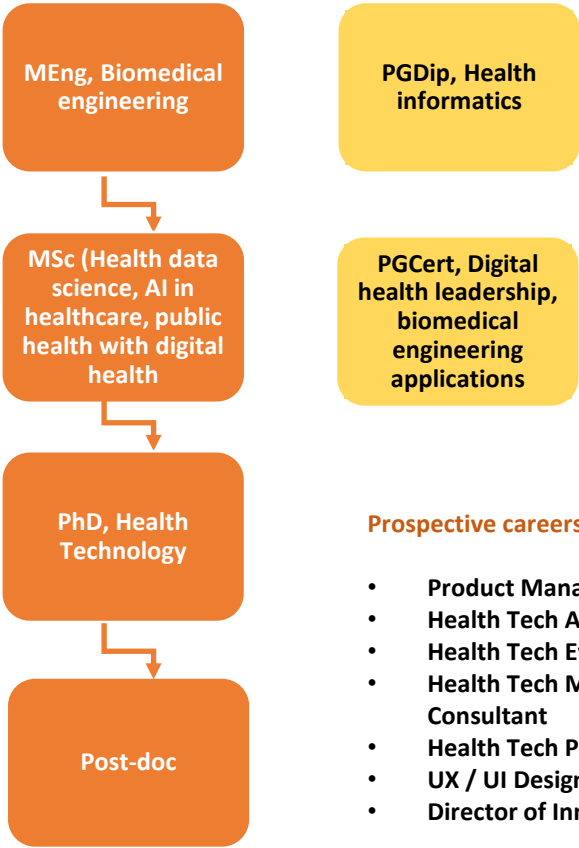
Prospective careers:

- Robotics Process Automation Analyst
- Robotics Process Automation Developer
- Robotics Process Automation Champion
- Robotics Process Automation Architect
- Robotics Process Automation Specialist
- Robotics Process Automation Lead

Health Tech Advisory & Management



Advanced Qualifications



Prospective careers

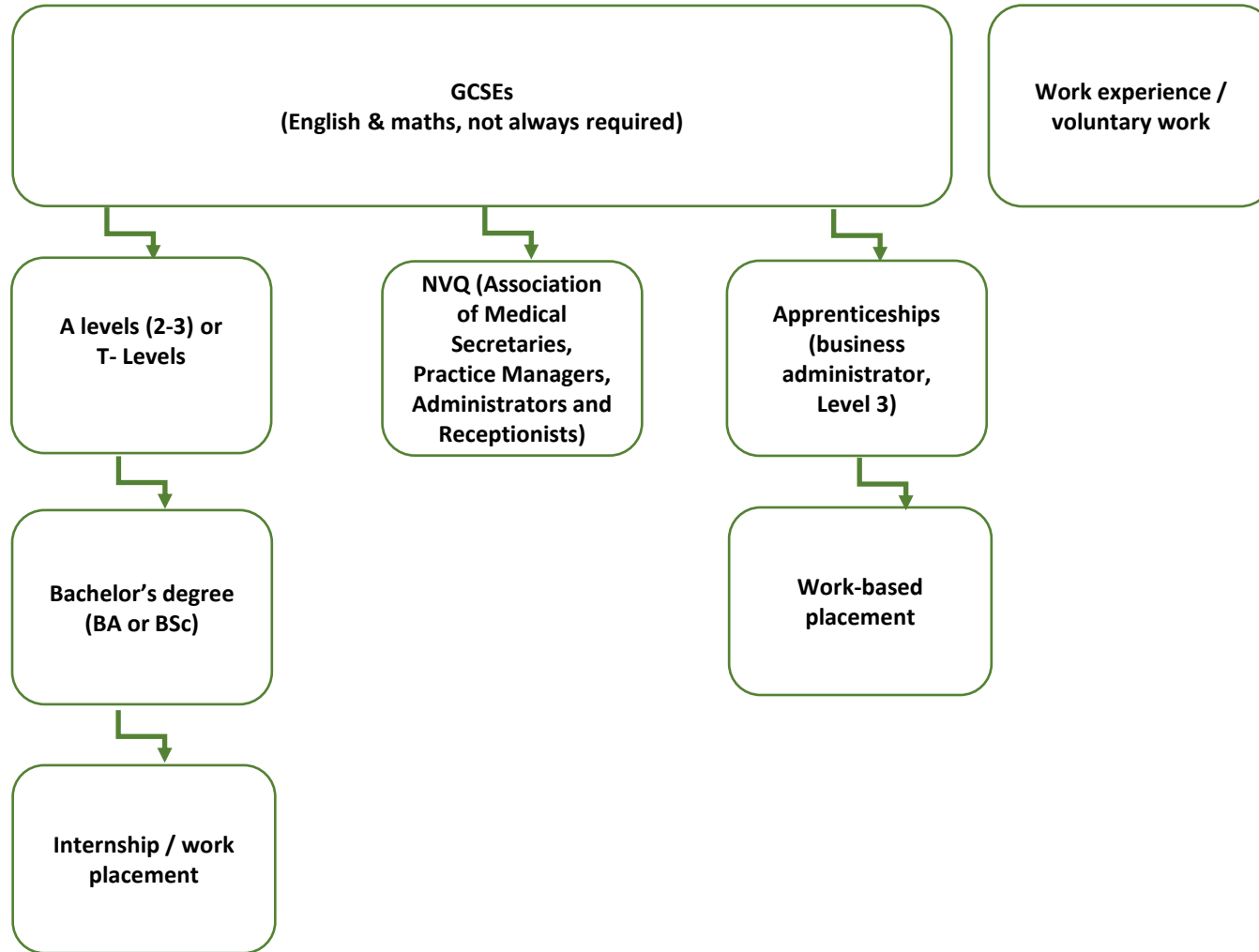
- Product Manager
- Health Tech Advisor
- Health Tech Evaluation
- Health Tech Management Consultant
- Health Tech Project Manager
- UX / UI Designer, Healthcare
- Director of Innovation



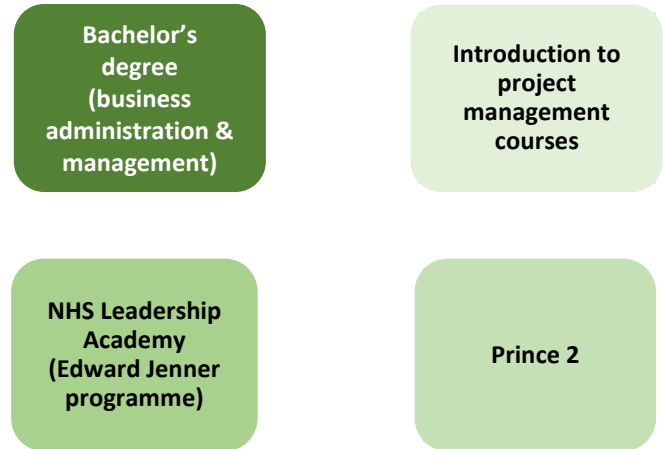
Office



Receptionist / Administrator (no set entry requirements)



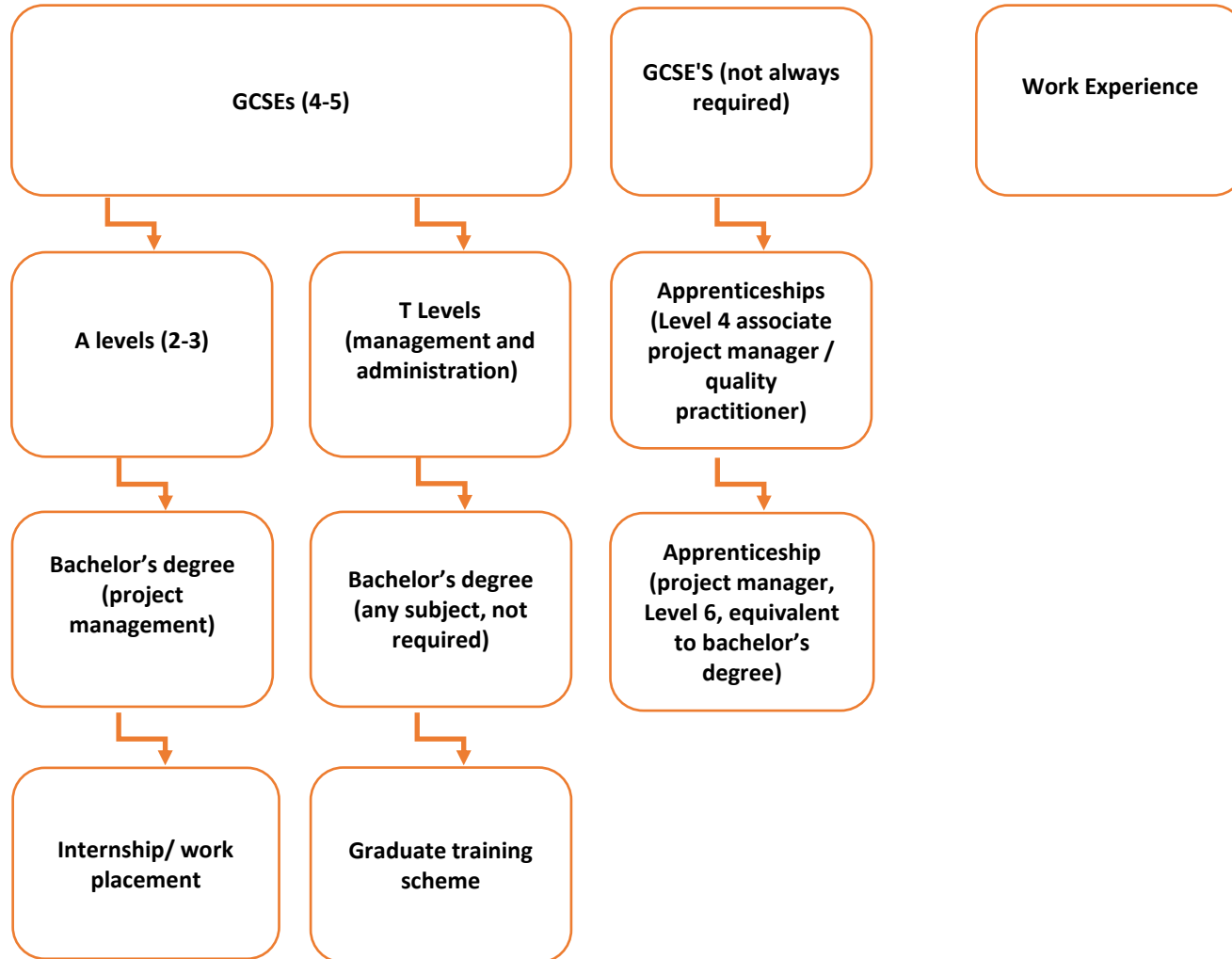
Advanced Qualifications



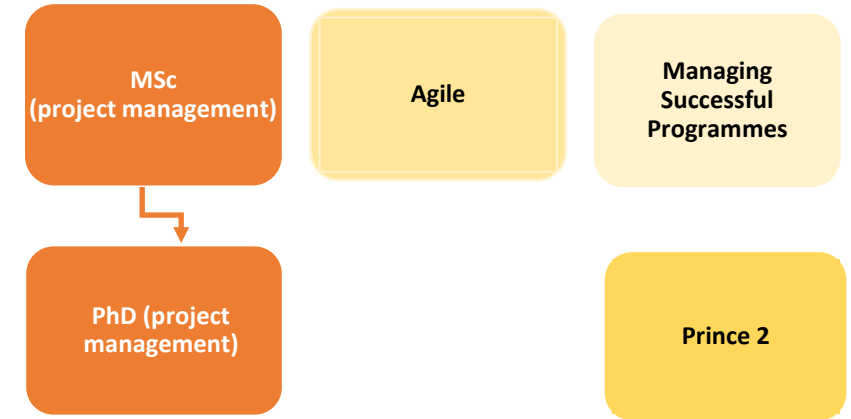
Prospective careers:

- Receptionist
- Secretary
- Telephonist / Switchboard Operator
- Health records staff
- Ward Clerk
- Medical Secretary
- PA
- EA
- HR, Informatics, Estates or Finance administrator
- Administrative Team Leader

Project Management (no set entry requirements)



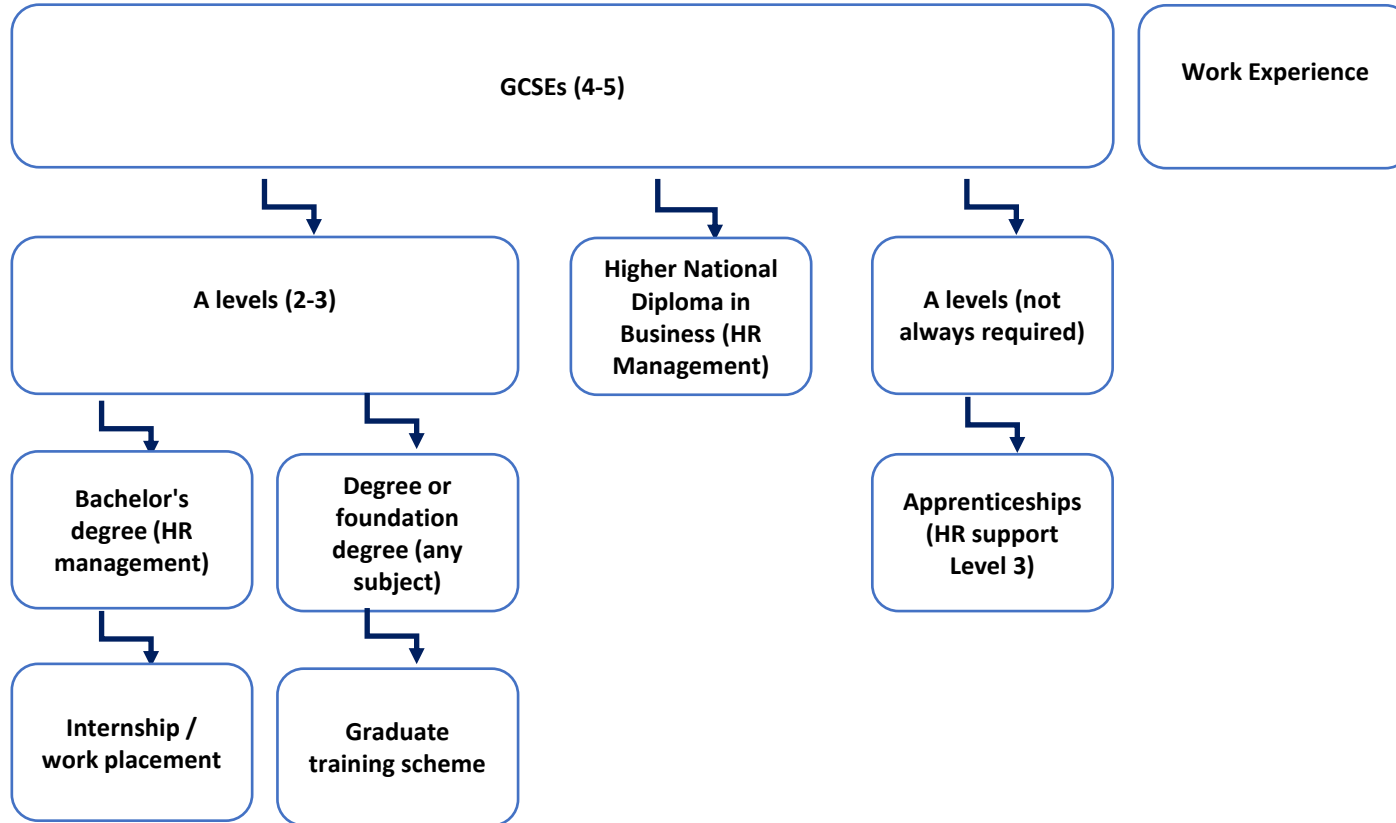
Advanced Qualifications



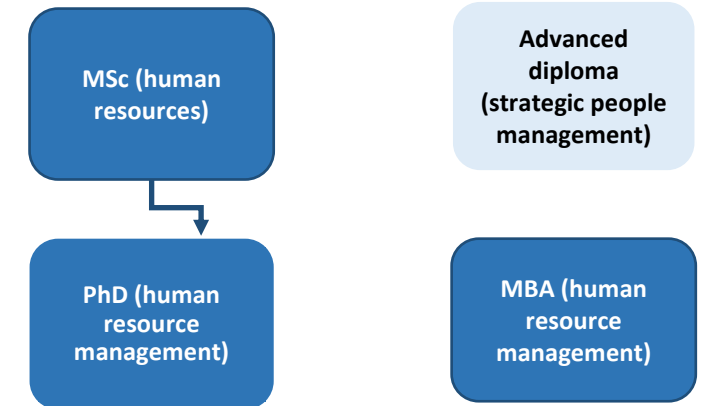
Prospective careers:

- Project Coordinator
- Assistant Project Manager
- Project Manager
- Senior Project Manager
- Resource Manager
- Programme Manager
- Programme Director

HR Advisor (no set entry requirements)



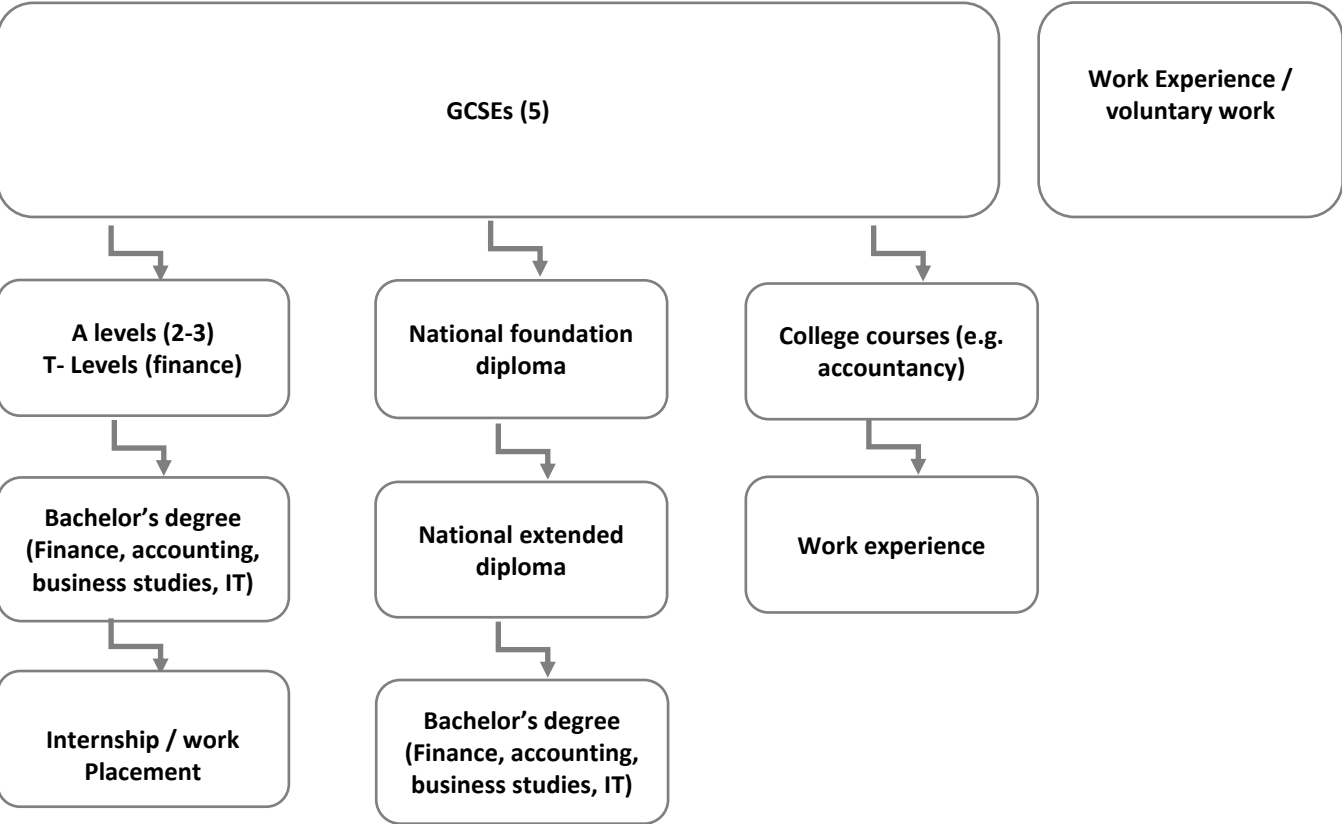
Advanced Qualifications



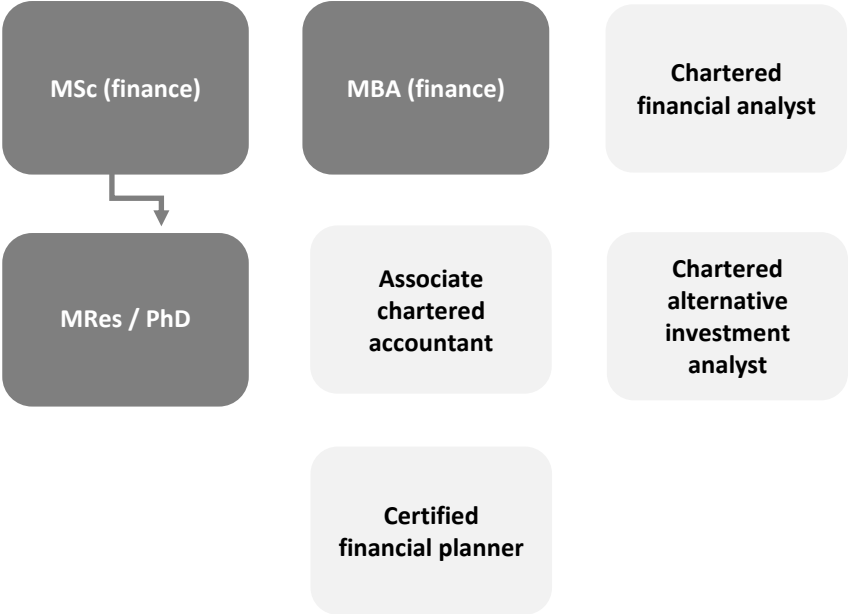
Prospective careers:

HR Officer
HR Advisor
People Business Partner
HR Manager
Head of People
Director of People

Finance



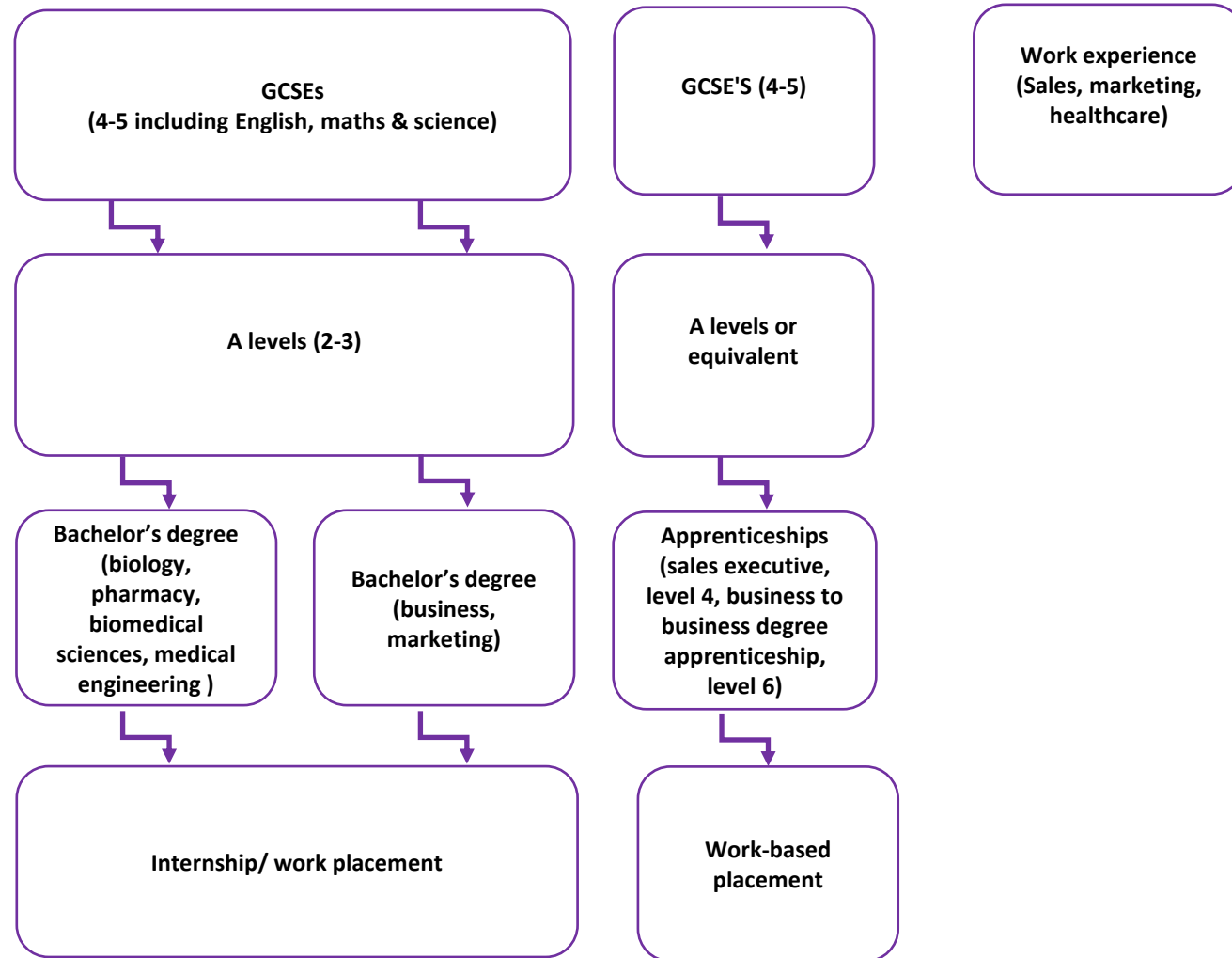
Advanced Qualifications



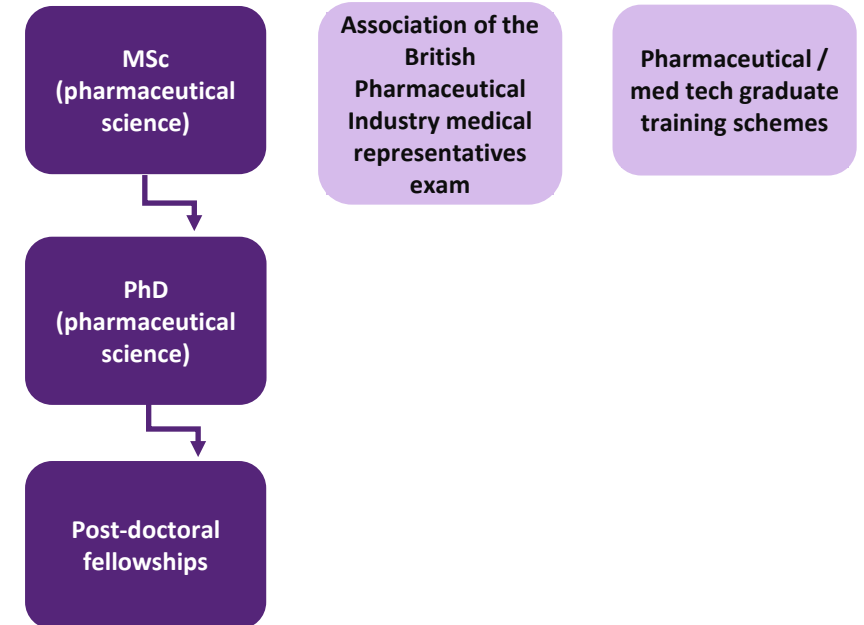
Prospective careers:

- Finance Officer
- Credit Control
- Payroll Officer
- Accountant
- Finance Manager
- Head of Finance
- Finance Director

Pharmaceutical Sales (no set entry requirements)



Advanced Qualifications



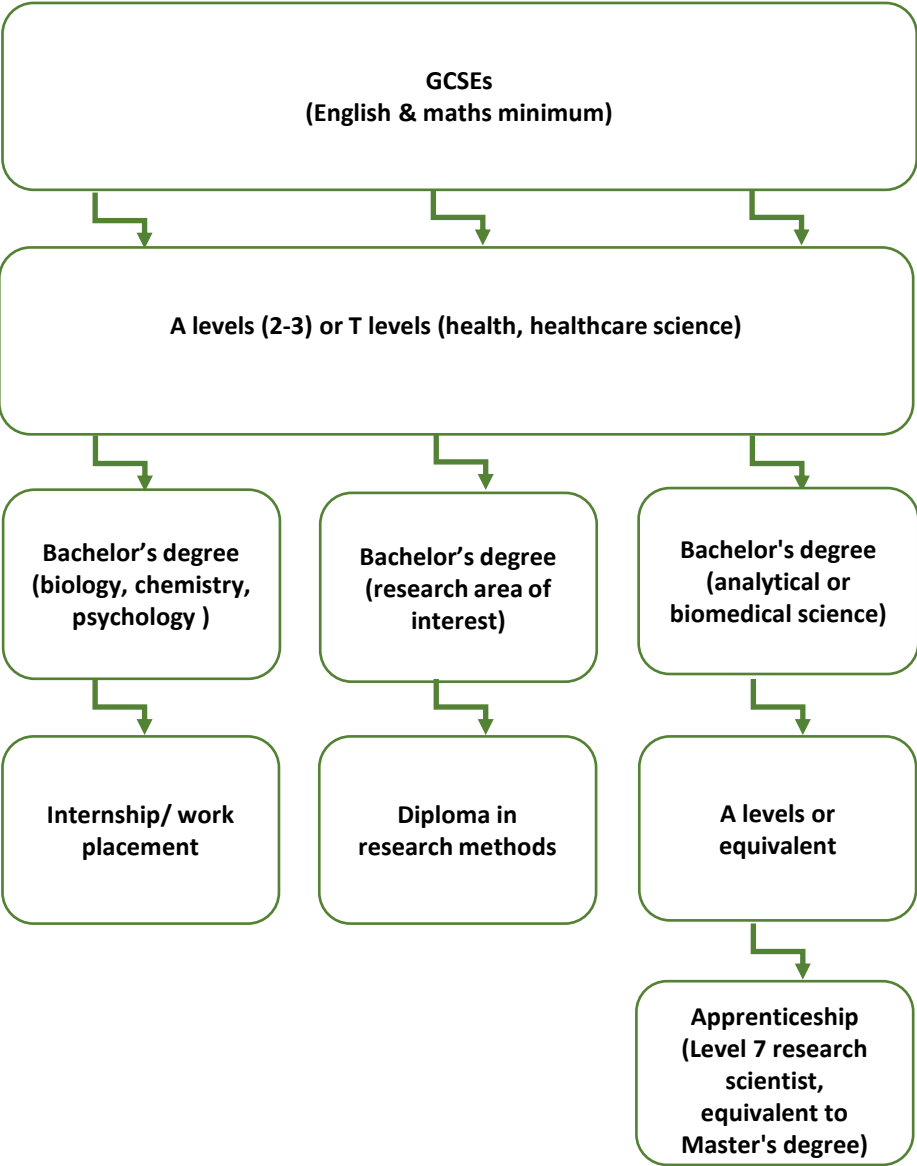
Prospective careers:

- Medical Sales Representative
- Sales Support
- Sales Specialist
- Brand Manager
- Sales Manager
- International Sales Executive

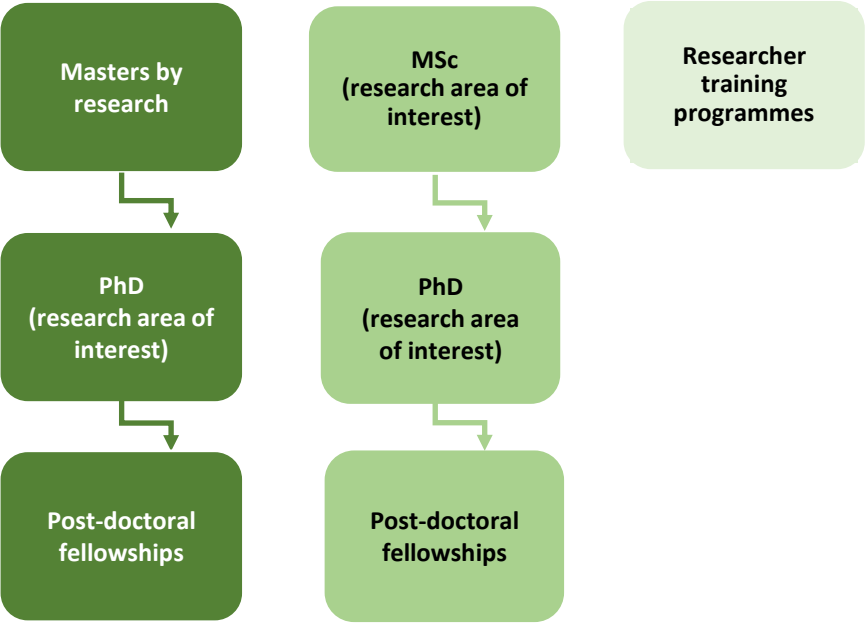
Life sciences: Education



Research Assistant



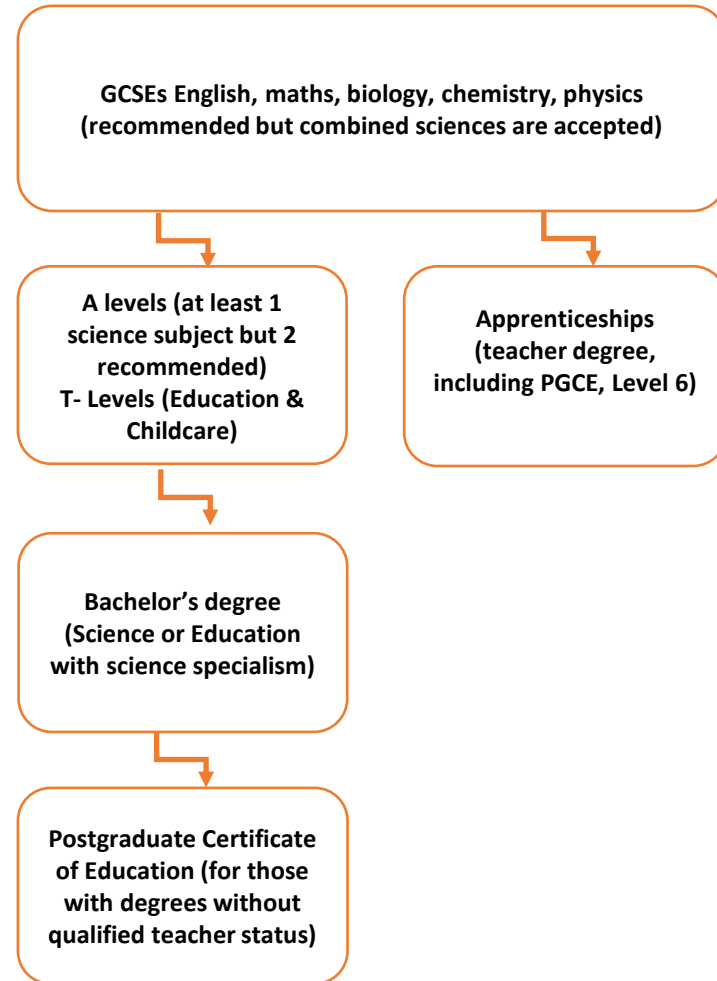
Advanced Qualifications



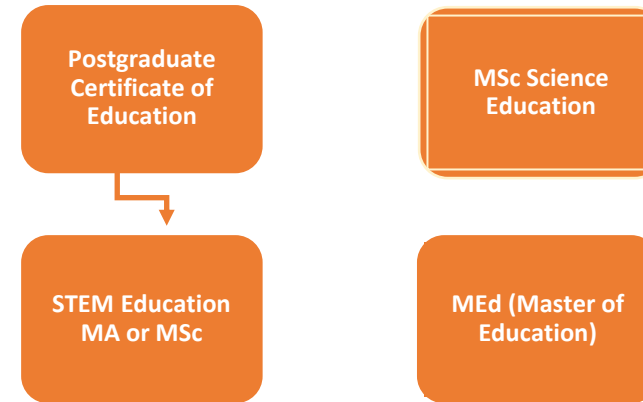
Prospective careers:

- Research Assistant
- Research Associate
- Senior Research Associate
- Principal Research Associate
- Director of Research

Secondary School Science Teacher



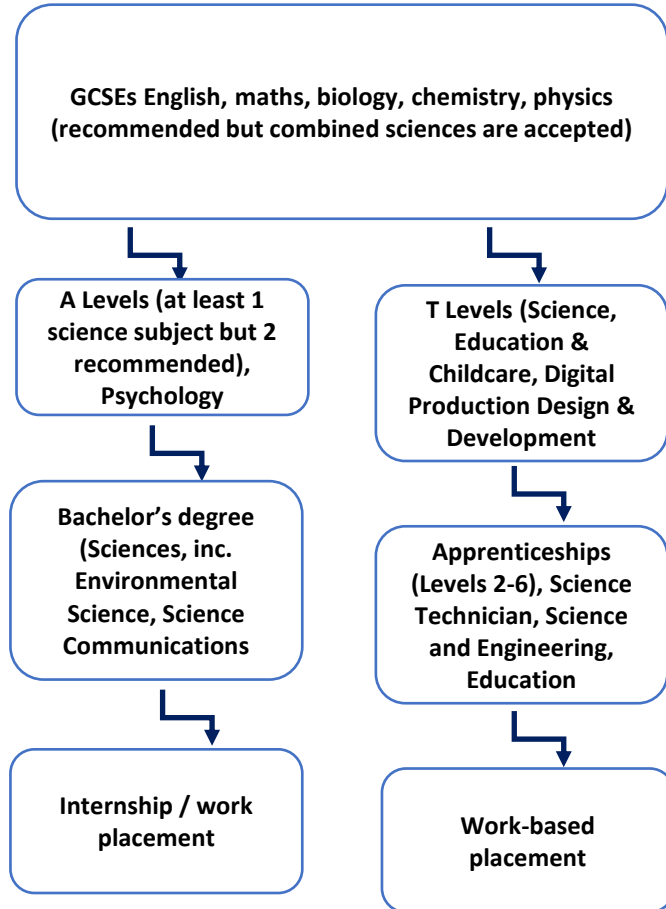
Advanced Qualifications



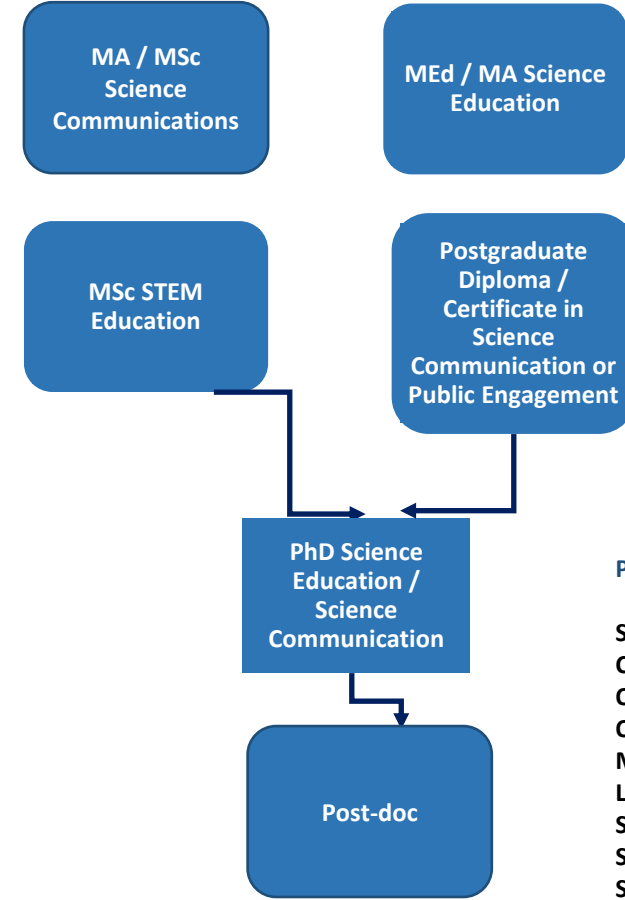
Prospective careers:

Biology Teacher
Chemistry Teacher
Physics Teacher
Combined Science Teacher

Science Education Outreach (no set entry requirements)



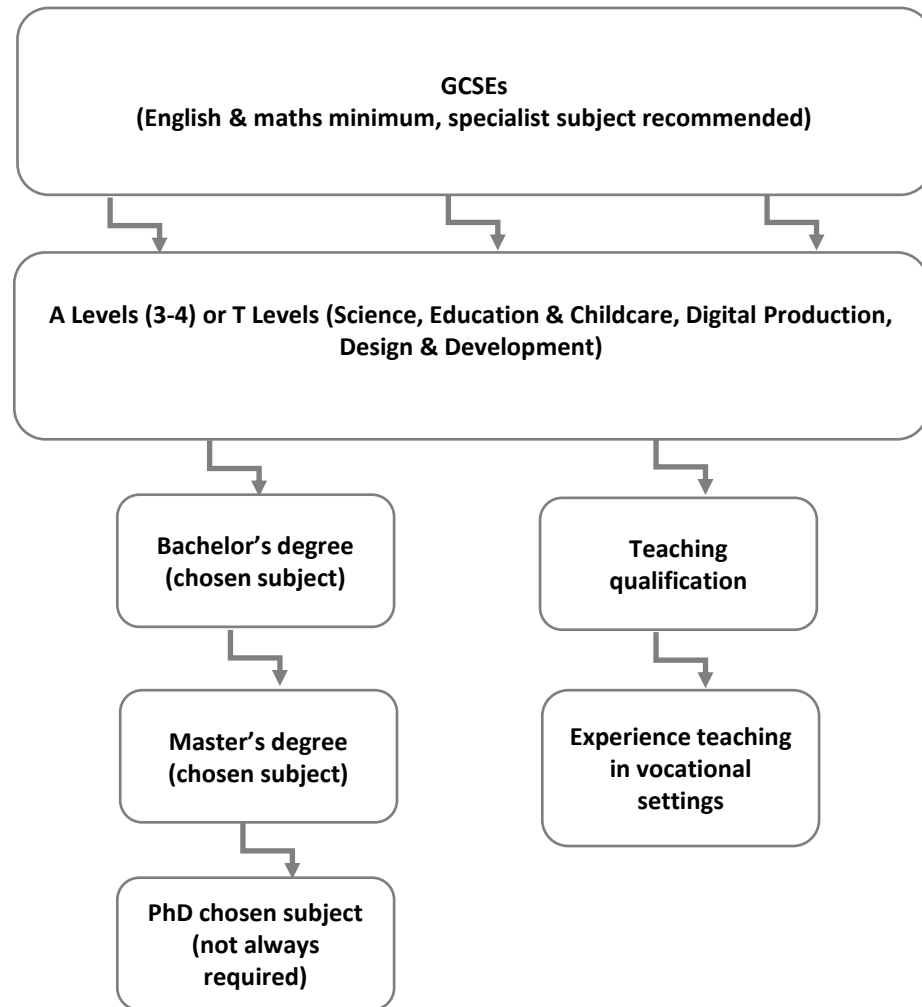
Advanced Qualifications



Prospective careers:

STEM Outreach Consultants
Outreach Coordinators
Outreach Project Managers
Learning Producers
Science Communications
Science Policy Researchers
Science Policy Officers

Lecturer



Other routes (no PhD)




Advanced qualification



Prospective careers:

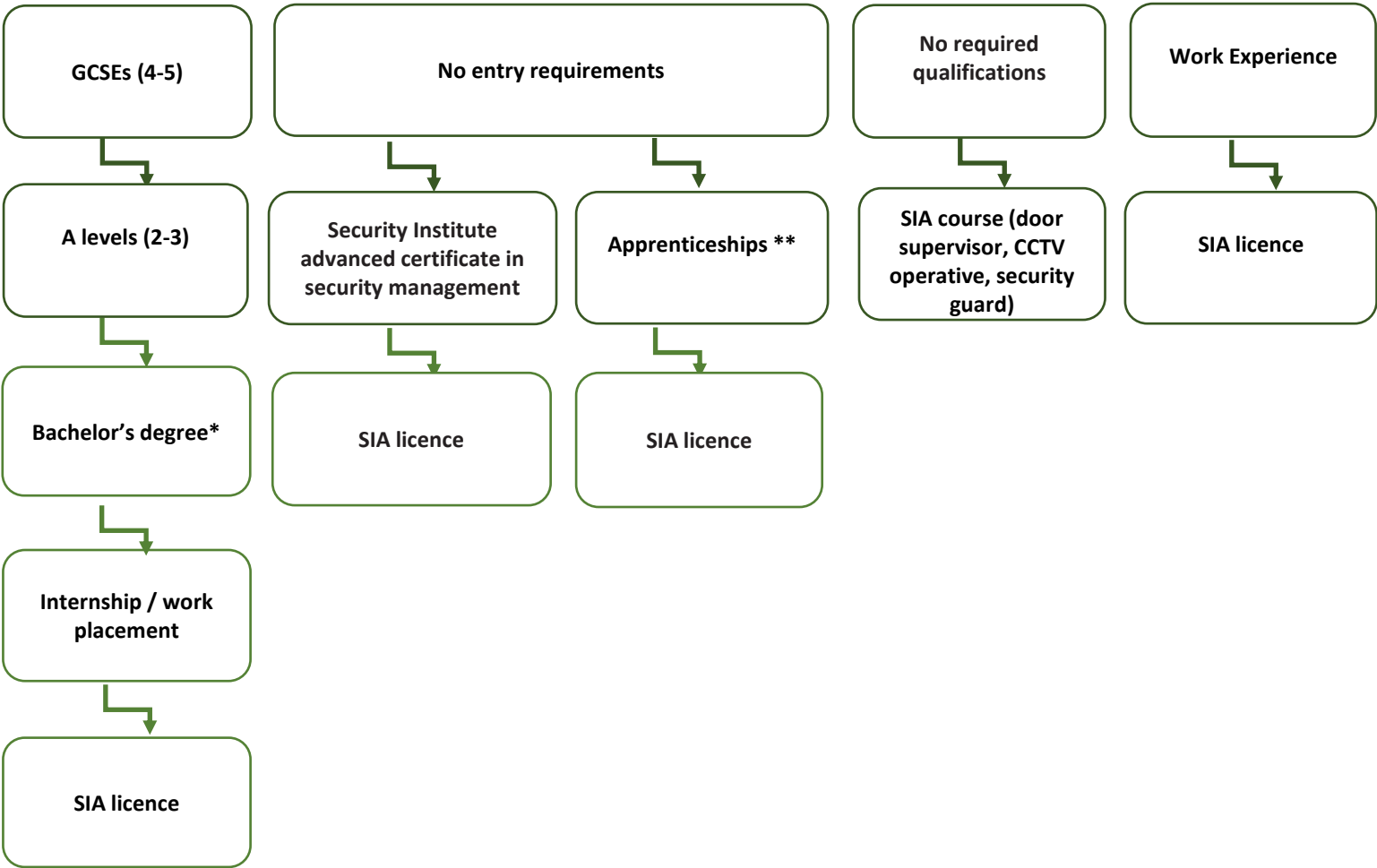
- Teaching Fellow
- Research & Teaching Lecturer
- Senior Lecturer
- Associate Professor
- Professor
- Clinical Lecturer



Life sciences clusters: Estates management

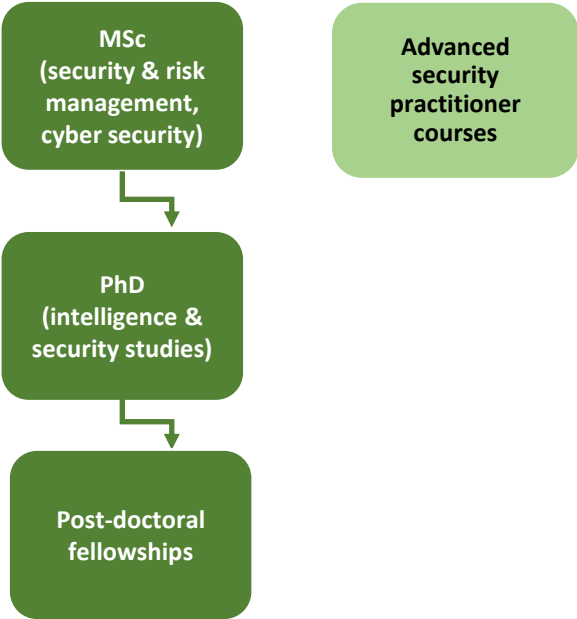


Security (no set entry requirements)



*Bachelor's Degree in risk and security management, cyber security, safety management.
** Apprenticeships in fire, emergency & security systems, level 6, equivalent to bachelor's degree)

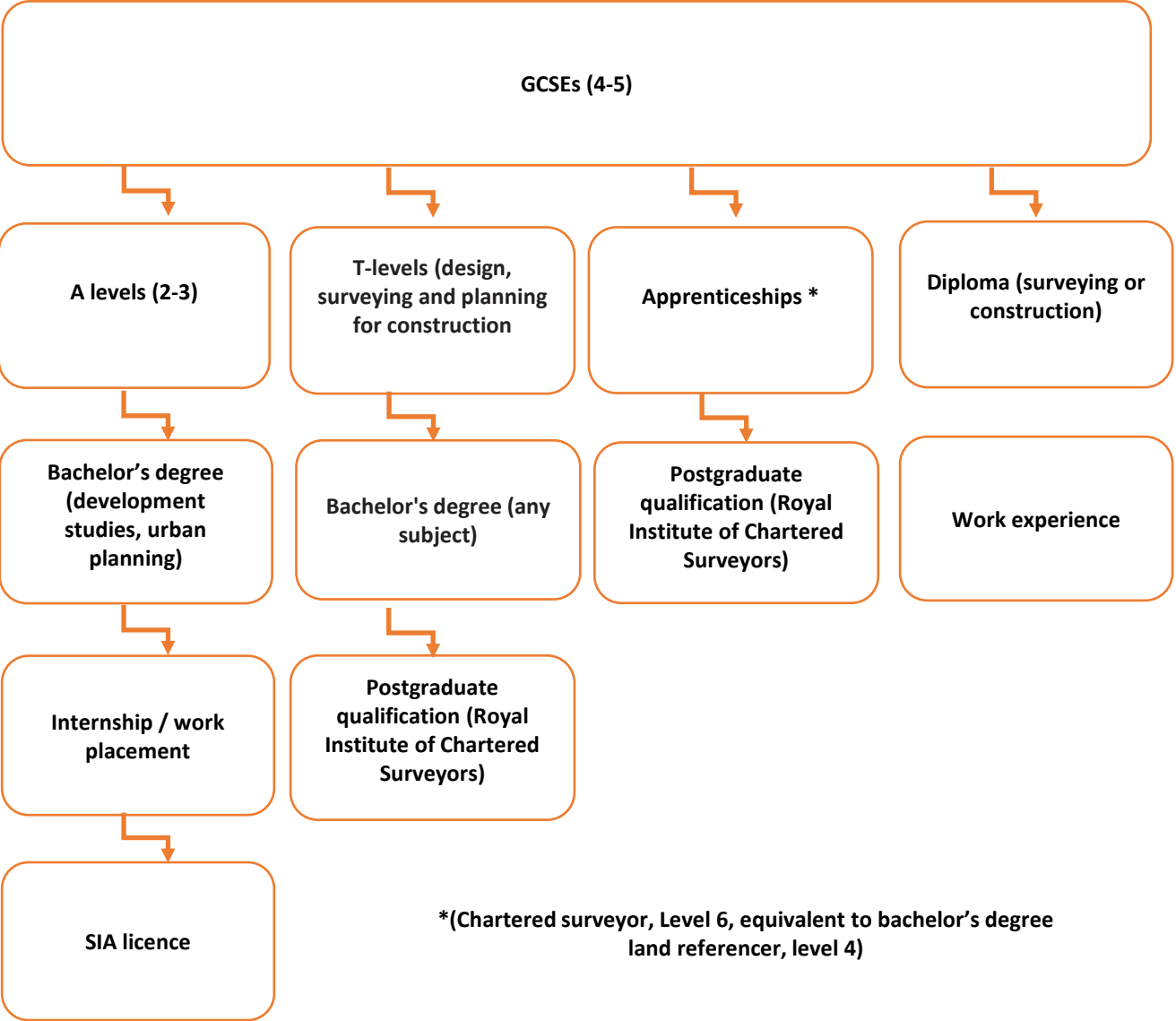
Advanced Qualifications



Prospective careers:

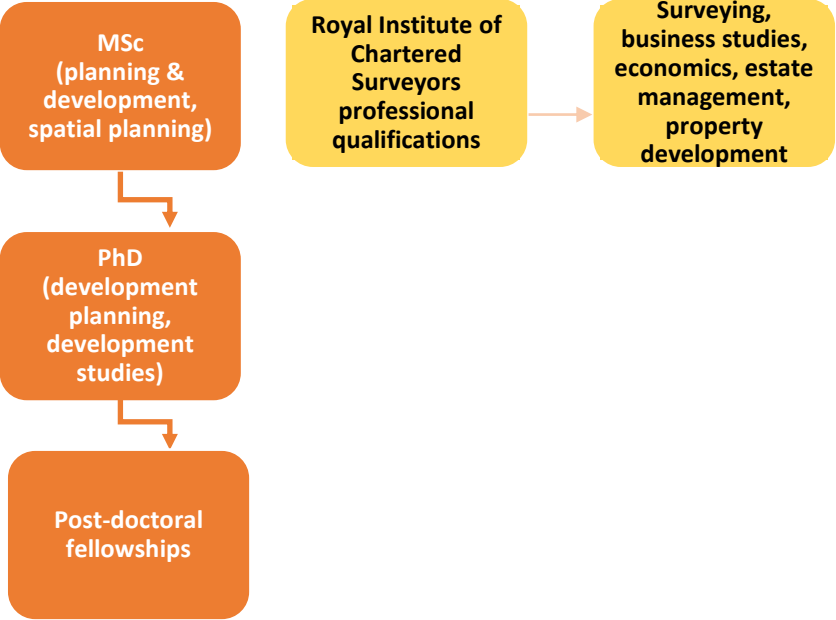
- Security Officer
- Security Guard
- Senior Security Guard
- Security Supervisor
- Intelligence Analyst
- Chief Security Officer

Planning and Development



*(Chartered surveyor, Level 6, equivalent to bachelor's degree
land referencer, level 4)

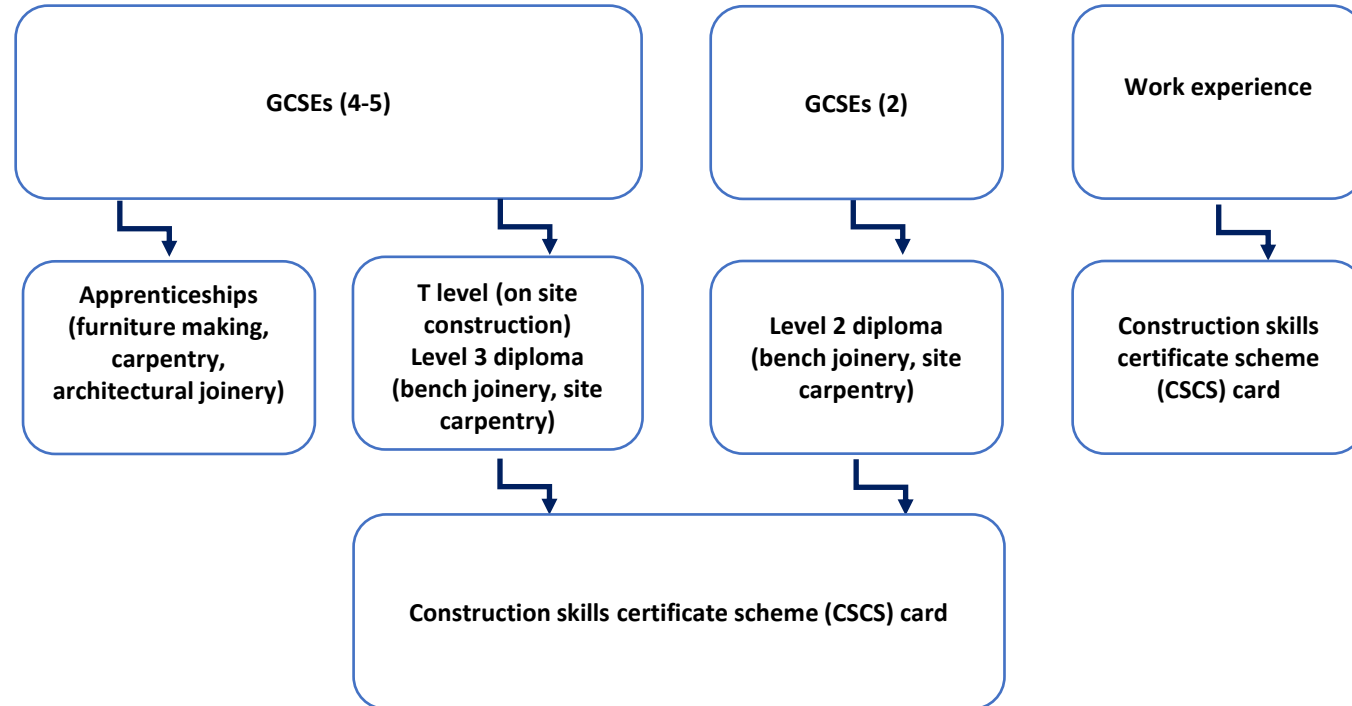
Advanced Qualifications



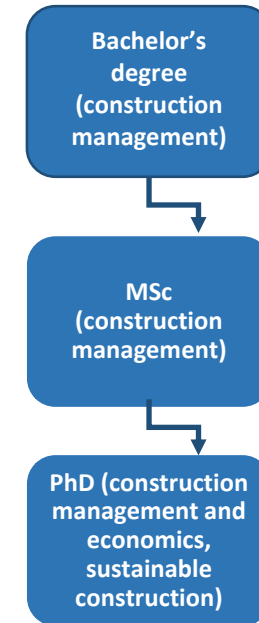
Prospective careers:

- Planning and Development Coordinator
- Planning and Development Project Manager
- Surveyor
- Town Planner
- Asset Manager
- Commercial Development Manager

Carpenter (no set entry requirements)



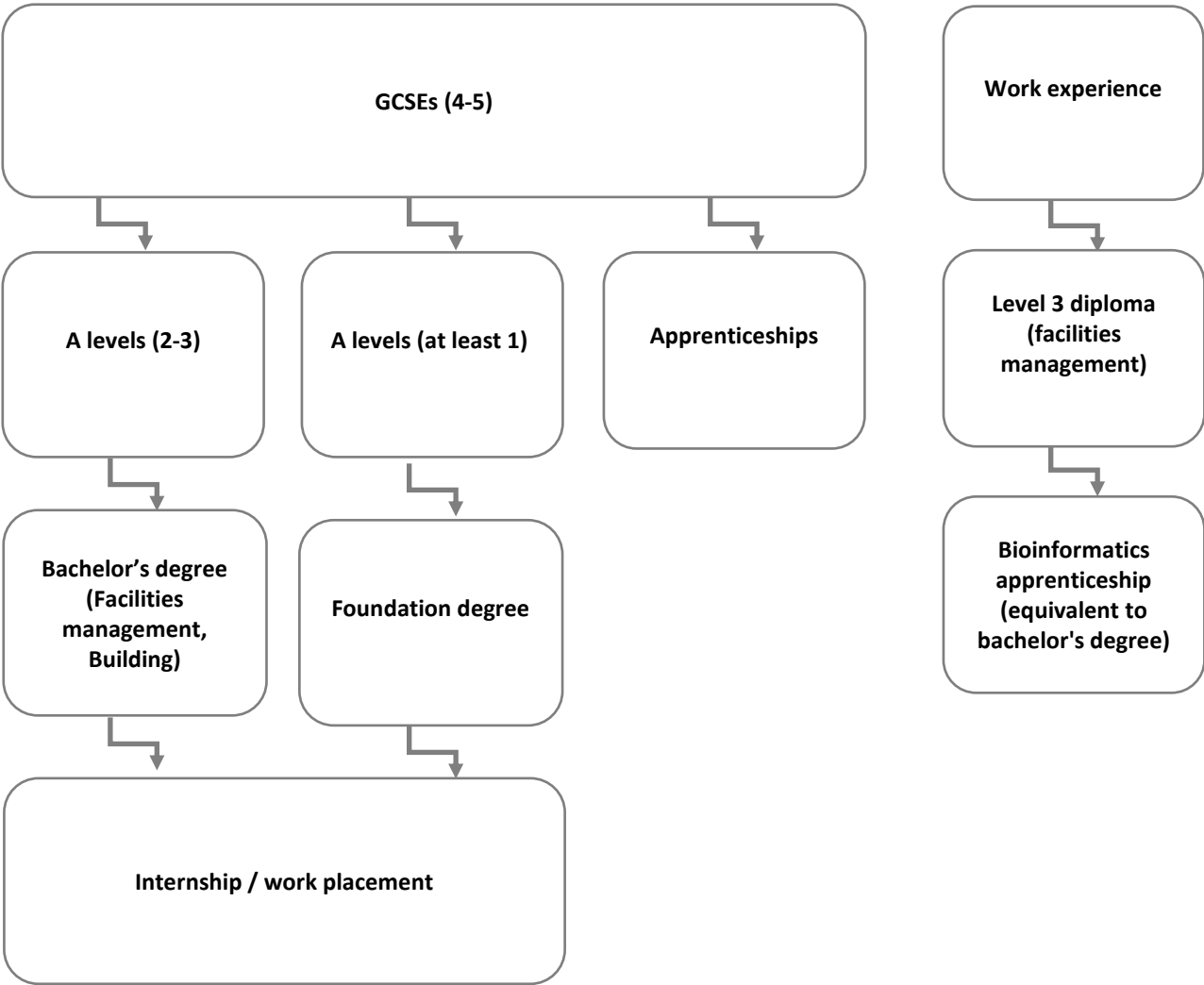
Advanced Qualifications



Prospective careers:

- Rough Carpenter
- Trim Carpenter
- Framer
- Roofer
- Joister
- Carpentry Project Manager
- Carpentry Site Manager

Facilities Management (no set entry requirements)



Advanced Qualifications



Prospective careers:

- Catering
- Cleaning
- Building maintenance
- Environmental services
- Security
- Reception
- Domestic Services Manager
- Domestic Supervisor
- Contracts Manager
- Senior Facilities Manager
- Head of Facilities Management

Salaries



Role	Entry level salary*	Median level salary	Senior level salary
Healthcare Scientist	£35,000	£55,000	£85,000
Computational Biologist	£50,000	£70,000	£100,000
Lab Technician	£27,000	£40,000	£60,000
Clinical Research Associate	£35,000	£45,000	£60,000
Healthcare Assistant	£30,000	£32,000	£40,000
Pharmacist	£35,000	£50,000	£70,000
Healthcare Support Worker	£24,000	£31,000	£40,000
Allied Health Professional	£37,000	£54,000	£90,000
Healthcare Data Scientist	£55,000	£75,000	£100,000
Data Centre Technician	£30,000	£52,000	£60,000
Data Analyst	£35,000	£65,000	£100,000
Robotics Process Automation	£35,000	£60,000	£100,000
Pharmaceutical Sales	£30,000	£60,000	£80,000
Health Technology Advisory & Management	£40,000	£70,000	£100,000

* Salaries based on UK average

Role	Entry level salary	Median level salary	Senior level salary
Receptionist / Administrator	£22,000	£28,000	£60,000
Project Management	£35,000	£50,000	£80,000
HR Advisor	£35,000	£40,000	£60,000
Finance*	£25,000	£50,000	£100,000
Research Assistant	£31,000	£55,000	£80,000
Secondary School Science Teacher	£36,000	£45,000	£60,000
Science Education Outreach	£23,000	£36,000	£75,000
Lecturer	£37,000	50,000	£90,000
Security*	£25,000	£30,000	£60,000
Planning and Development	£30,000	£60,000	£100,000
Carpenter	£34,000	£46,000	£56,000
Facilities Management	£35,000	£43,000	£65,000

* Based on NHS salaries only



References



<https://nationalcareers.service.gov.uk/>

<https://www.healthcareers.nhs.uk/>

<https://www.hee.nhs.uk/>

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<https://www.goconstruct.org/>

<https://uk.indeed.com/>

<https://www.openstudycollege.com/>

<https://www.get-licensed.co.uk/>

<https://www.goconstruct.org/>