

P16 SELECT





Select from our extensive offer...

Art & Design	Photography
Biology	Politics
Chemistry	Psychology
Computer Science	Physics
Design & Technology	R.S - Philosophy & Ethics
Drama	Sociology
English Literature	Spanish
English Language & Literature	RSL Music
Geography	BTEC Sport
History	BTEC I.T
Law	BTEC Business
Mathematics	T Level Health
Further Mathematics	T Level Education & Childcare
Media Studies	

Post 16 Select





P16 EXPERIENCE

President Kennedy School's Post 16 pledges to give every student the opportunity to:

- Take part in a work related experience
- Represent and promote the school at an event
- Regularly take part in an extra-curricular activity
- Contribute to our school community by volunteering as a subject ambassador or learning mentor
- Contribute to our wider community by volunteering, supporting a charity, or getting involved in a project
- Take part in a University Outreach Programme or visit a university
- Participate in our financial education course delivered through our tutor curriculum
- Have a 1-to-1 meeting with our school careers advisor
- Develop key skills such as CV writing and interview preparation to support employability







P16 FUTURE LEADERS AWARD

FUTURE LEADERS

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Birmingham Biological Sciences BSc (Hons)	AAB to include A Level biology and a second A Level science	Human Biology BSc (Hons) Human Biology with a year in professional placement BSc (Hons) Biological sciences with a study in Continental Europe BSc (Hons)
Coventry University Biomedical science	BBB to include A Level Biology	Biological and Forensic Science BSc (Hons) Human biosciences BSc (Hons) Pharmacology BSc (Hons)
Oxford University Biology BA	A*AA (with A* in Science or Maths and one other Science required)	Biology (MBiol) Human Sciences (MBiochem) Biochemistry BA (Hons)
University of Plymouth Marine Biology BSc (Hons)	120-144 UCAS Tariff points from a minimum of 3 A Levels including Biology	Conservation Biology BSc (Hons)
Aberystwyth University Biology and Climate Change	BBB to BBC to include A Level Biology	Marine and Freshwater Biology BSc (Hons) Plant Biology BSc (Hons) Animal Behaviour BSc (Hons) Biochemistry BSc (Hons) Environmental science BSc (Hons) Equine Science BSc (Hons)
University of Bristol Veterinary Sciences BVSc	AAA or A*AB to include chemistry and one other science	Veterinary Nursing BSc (Hons)

Career Opportunities

Microbiologist

What would I do?

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Warwick International Management (inc. year abroad) BSc (Hons)	152 UCAS points	International Business with Modern Languages Economics Global Sustainable Development and Business Studies
King’s College London Business Management with Year in Industry BSc (Hons)	152 UCAS points	Economics and Management Accounting and Finance Management and Modern Languages
Durham University Accounting and Management with Placement Year – BA(Hons)	DDD	Accounting and Finance Economics Business and Management Marketing
City, University of London Business Management, Digital Innovation and Entrepreneurship BSc (Hons)	DDD	Business with Marketing International Business Financial Economics International Political Economy
Queen’s University Belfast Finance (with a Year in Industry) BSc (Hons)	128 UCAS points	Business Economics BSc Actuarial Science and Risk Management BSc Accounting BSc Mathematics with Finance BSc

Career Opportunities

Business Development Manager

What would I do?

- Researching organisations to find new customers and identify who makes the decisions
- ‘Cold calling’ to arrange meetings at customers’ premises
- Finding out what an organisation needs and working with a team to plan proposals and pricing
- Selling products and services to new and existing customers
- Negotiating with customers and building positive relationships
- attending events and conferences
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Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Birmingham Chemistry BSc	ABB to include A level Chemistry. Minimum Mathematics requirement GCSE grade 7.	Chemistry MSci Chemistry with Industrial Experience MSci Chemistry with Study Abroad MSci Chemistry with a Modern Language BSc/MSci Chemistry with Medicinal Chemistry and Drug Discovery BSc/MSci Chemistry with Business Management BSc/MSci
University of Warwick Chemistry BSc	AAB to include Chemistry and one of the following: Mathematics, Further Mathematics, Physics, Biology, Geology, Statistics or Computer Science.	Chemistry MChem Chemistry with Industrial Placement MChem Chemistry with International Placement MChem Chemistry with Medicinal Chemistry BSc/MChem Biochemistry BSc/MBio Biochemistry with Intercalated Year BSc/MBio
Oxford University Chemistry MChem	A*A*A (with both A*s in science subjects and/or Maths)	Biochemistry Biomedical Sciences Earth Sciences Materials Science
University of Lincoln Chemistry BSc	BBC, to include a grade B in Chemistry	Biomedical Science BSc Chemistry MChem Chemistry for drug discovery and development BSc/MChem Chemistry with Education BSc/MChem Chemistry with Mathematics BSc/MChem Biochemistry BSc/MChem Forensic Chemistry BSc/MChem

Career Opportunities

Analytical Chemist

What would I do?

- Analyse samples from various sources to
- Use analytical techniques and instrumentation, such as gas and high-performance liquid chromatography (HPLC), ion chromatography, electrochromatography and spectro

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
Aston University Computer Science BSc(Hons)	BBB	Computer Science with Business BSc, Cybersecurity BSc, Electronic Engineering and Computer Science MEng
University of Bristol Computer Science and Electronics with Study Abroad MEng	ABB-AAA including Mathematics	Computer Science with Innovation MEng, Computer Science BSc,
Birmingham University BSc Computer Science with Digital Technology Partnership. (Apprenticeship with PwC)	AAA, must include Maths grade A	Computer Science BSc Artificial Intelligence and Computer Science BSc Computer Science with Study Abroad BSc

Career Opportunities

Python Developer

What would I do?

- Develop software for applications and websites.
- Create links between data and APIs, like Amazon Web Services.
- Use machine learning to predict the outcome of a range of activities, e.g. reducing financial trading.

Salary: Starting: £25,000

UK average: £57,500

Routes in: Bachelor’s degree or significant experience in programming.

App Developer

What would I do?

- Supervise the work of programmers, technologists and technicians and other engineering and scientific personnel.
- Train users to use new or modified equipment.
- Specify power supply requirements and configuration.
- Recommend purchase of equipment to control dust, temperature, and humidity in area of system installation.
- Develop and direct software system testing and validation procedures, programming, and documentation.
- Modify existing software to correct errors, allow it to adapt to new hardware, or to improve its performance.
- Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design.

Salary: Starting: £27,500

UK average: £44,055

Routes in: Bachelor’s degree in Computer Science

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
Nottingham Trent University Product Design Ba (Hons)	BBC	Furniture Design Ba (Hons) Product Design BSc (Hons)
Coventry University Product Design Ba (Hons)	BBC	Automotive and Transport BA (Hons) Graphic Design BA (Hons)
Edinburgh College of Art Product Design BA (Hons)	BBC	Graphic design BA (Hons) A range of Design courses including Animation, Fashion, Illustration, Textiles
Birmingham School of Architecture and Design Architecture Ba (Hons)	AAB preferably a Design course or Social Science	Art and Design Design Visualisation
Loughborough University Product Design and Technology BSc (Hons)	AAB preferably a Design course or Social Science	Design BA (Hons) Industrial design BA (Hons) Product Design Engineering BEng (Hons)
University of Leeds Product Design BSc	ABB ideally in Design and Technology	Mechanical Engineering BEng (Hons) Automotive engineering BEng (Hons)

Career Opportunities

Architect

What would I do?

- Create hand sketches, 3D models and detailed technical plans using computer aided design (CAD) software
- Create a plan, following building laws and safety regulations
- Find cost-effective ways to work within budgets
- Manage construction projects
- Choose or advise on materials
- Visit sites to check building work and progress
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Post-School Progression Opportunities

Higher Education:

Progress to higher education in courses like primary education, child development or social work.

Higher Apprenticeships:

Progress into degree-level or higher apprenticeships in education, childcare or related fields.

Further Technical Study:

Opportunities for continued learning in specialised areas like early years education or SEND (Special Educational Needs and Disabilities).

Skilled Occupation:

Immediate employment opportunities in assistant teaching roles.

International Roles:

Possibility of working abroad, such as becoming an au pair or in childcare roles to gain international experience

Career Opportunities

Teaching Assistant

What would I do?

- getting the classroom ready for lessons and clearing away afterwards
- listening to children read or reading to them
- helping children who need extra support
- helping teachers prepare materials that match development needs
- supervising group

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
Loughborough University English BA (Hons)	AAB including English (Literature, Language or both)	English with Business Studies (BA) English with Creative Writing (BA) Liberal Arts (BA)
University of York English BA (Hons)	AAA/A*AB including an A in English Literature (English Language and Literature is also acceptable)	English and Philosophy (BA) English and History (BA) English and Politics (BA)
University of Bristol English BA (Hons)	AAA including English Literature or combined English Literature and Language	English with study abroad (BA) English and Classical Studies (BA)

Career Opportunities

Digital Copywriter	Secondary School English teacher	Web Content Manager
What would I do?	What would I do?	What would I do?
- Understand your target audience - you're not writing for the client, you're writing for their readers, so you'll need to know what interests them - Identify key messages - understand the main thing that you want the reader to feel and do and how to communicate this powerfully - Work with creative teams to ensure that the visual elements of the webpage complement the words Salary: Starting: Starting salaries for junior copywriters are between £22,000 and £30,000 per year or you can work as a freelancer and determine your own wage. Routes in: Bachelor degree in English	- As a secondary school teacher you'll teach pupils aged 11 to 18. Specialising in a particular subject, you'll plan, teach and assess lessons in line with curriculum objectives. - You'll aim to ensure a healthy culture of learning and will support, observe and record pupils' progress. - Teachers must keep up to date with developments in their subject area, new resources, methods and national	

Post-School Progression Opportunities

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University of York English BA (Hons)	AAA/A*AB including an A in English Literature (English Language and Literature is also acceptable)	English and Philosophy (BA) English and History (BA) English and Politics (BA)
University of Bristol English BA (Hons)	AAA including English Literature or combined English Literature and Language	English with study abroad (BA) English and Classical Studies (BA)

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Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of St Andrews BSc (Hons) Geography	AAA/ABB	Sustainable Development BSc
London School of Economics BA (Hons) Geography	AAA	BA Geography BSc Geography with Economics BSc Environmental Policy with Economics
Coventry University Geography BA (Hons)	BBC	Geography and Natural Hazards BSc (Hons) Geography BSc (Hons)

Career Opportunities

Environmental Consultancy:

What would I do?

- Work to ensure that their commercial or government clients comply with regulations and address a variety of environmental issues
- This is a varied role, typically focusing on identifying whether an area of land, air or water is polluted, and what the impact would be.
- Working with local authorities, architects and town planners to understand the impact of future developments on the environment and how they can be minimized.

UK average: £35,000-£45,000
Routes in: Bachelor’s degree

Landscape Architect:

What would I do?

- meeting with clients to discuss their needs
- surveying sites to look at existing plant and animal life, and natural resources

For more information contact:

Ms Miller - Leader of Health & Social Care
millers@pks.coventry.sch.uk

Post School Progression Opportunities

Upon successful completion of the T level students can either consider directly entering the work force or continuing with education at University by studying a Degree.

Work Place Entry	Average Salary	Once working in the health sector students can progress to a range of more professional roles within individual organisations.
Health Care Assistant	£25,130	
Care Escorts	£24,870	
Ambulance Staff (Non Paramedic)	£28,300	
Care workers	£23,410	

Students progressing to university

Nursing	£37,960 UCAS Tarif = 112 points	After completing their degree and entering the work force on a professional pathway student may consider specialising in their chosen field
Child Nursing	£37,960 UCAS Tarif = 112-136 points	
Occupational Therapy	£37,420 UCAS Tarif = 112 – 120 points	
Paramedic	£37,960 UCAS Tarif = 112 – 128 points	
Operating Department Practitioner	£37,960 UCAS Tarif = 96-120 points	
Midwifery	41,420 UCAS Tarif = 96-136 points	
Mental Health	£44,240 UCAS Tarif = 104 – 120 points	

Degree apprenticeships

From time to time degree apprenticeships are available through the NHS <https://www.jobs.nhs.uk>

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Cambridge History BA(Hons)	A*AA inc A Level History	History and Politics History and Modern Languages History of Art
University of St.Andrews Modern History MA (Hons)	AAA inc History A Level	Medieval History Middle East Studies Ancient History Medieval History and Archaeology
Royal Holloway University of London Ancient History BA (Hons)	BBB-ABB	History and Philosophy Modern Languages and History Classical Archaeology and Ancient History History Politics and International Relations
University of Bristol History BA (Hons)	AAA-ABB including History	English and History History with Languages Ancient History History with Innovation
Manchester Metropolitan University History BA(Hons)	BBC-BCC	History and Politics English and History History and International Relations Art History and Curating

Career Opportunities

Historian

What would I do?

- Present historical accounts in terms of individuals or social, ethnic, political, economic, or geographic groupings.
- Teach and conduct research in colleges, universities, museums, and other research agencies and schools.
- Interview people to gather information about historical events and to record oral histories.
- Organise information for publication and for other means of dissemination, such as use in CD-ROMs or Internet sites.
- Trace historical development in a particular field, such as social, cultural, political, or diplomatic history.
- Conduct historical research, and

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Warwick Computer ScienceBSc (Hons)	152 UCAS points	Artificial Intelligence Cyber Security Computer Science with Mathematics
Aston University Cyber Security BSc (Hons)	DDD	Forensic Analyst Threat Analyst
University of Westminster Computer Games Development with Placement Year – BSc(Hons)	DDM	Object-orientated design Programming development
Oxford Brookes University Information Technology for Business BSc (Hons)	DDD	Business and Finance Education and IT Information Technology Management
Coventry University Ethical Hacking (with a Year in Industry) BSc (Hons)	DDM	Animation Software Artificial Intelligence Software development

Career Opportunities

Software Developer

What would I do?

- Producing clean, efficient code based on specifications
- Testing and deploying programs and systems
- Fixing and improving existing software
- Work with developers to design algorithms and flowcharts
- Produce clean, efficient code based on specifications
- Integrate software components and third-party programs
- Verify and deploy programs and systems
- Troubleshoot, debug and upgrade existing software
- Gather and evaluate user feedback
- Recommend and execute improvements
- Create technical documentation for reference and reporting

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
UCL (University College London) Law LLB (Hons)	A*, A, A (at least two from the university's list of preferred A Level subjects) and GCSE English Language and Maths at Grade B or 6	Law LLB with French Law (Hons) Law LLB with German Law (Hons) Law with Another Legal System (Hons)
University of Birmingham LLB Law (Hons)	A, A, A	LLB Law with Business (Hons) LLB Law with Criminology (Hons) LLB International Law & Globalisation (Hons)
Nottingham Trent University LLB Law (Hons)	120 UCAS Tariff points from up to four qualifications (two of which must be A Level equivalent)	Business Law LLB (Hons) Law with Psychology LLB (Hons) International Law LLB (Hons)

Career Opportunities

Barrister, Solicitor or Legal Executive

What would I do?

- Represent clients in a range of legal matters from criminal and civil matters, financial and family issues, immigration, human rights and advocating in courts.

Salary: Starting: £33,426
UK average: £70,474 (can be as much as £100,000+)

Routes in: Bachelor's degree accredited by the British Psychological Society and at least three years postgraduate study. Can be sponsored and trained by the NHS

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Warwick Engineering BEng (Hons)	AAA that includes Mathematics	Civil Engineering BEng Electrical and Electronic Engineering BEng Mechanical Engineering BEng
University of Sheffield Economics BSc (Hons)	AAB that includes Mathematics	Economics & Mathematics BSc Financial Mathematics BSc Economics with Finance BSc
University of Leicester Mathematics and Artificial Intelligence BSc (Hons)	ABB that includes Mathematics	Mathematics MMath Mathematics BSc Mathematics and Actuarial Science BSc

Career Opportunities

Data Scientist

What would I do?

- work closely with your business to identify issues and use data to propose solutions for effective decision making
- use machine learning tools and statistical techniques to produce solutions to problems
- stay curious and enthusiastic about using algorithms to solve problems and enthuse others to see the benefit of your work
- use machine learning tools and statistical techniques to produce solutions to problems

Salary: Starting: £25,000
UK average: £50,000
Routes in: Relevant Bachelor’s degree

Software Developer

What would I do?

- talking through requirements with the client and the development team
- taking

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Bath Mathematics BSC (Hons)	A*AA including A*A in Mathematics and Further Mathematics	Other similar courses offered: Mathematics MMath, Mathematics and Statistics BSc, Mathematics Statistics and Data Science BSc
University of Cambridge, Kings College Computer Science Meng	A*A*A including Mathematics and Further Mathematics, and TMUA admissions assessment	Engineering MEng, Mathematics MMath, Natural Science MSci
University of Warwick, Mathematics, Operational Research, Statistics, Economics (MORSE), BSc	A*A*A to include A*A* in Mathematics and Further Mathematics	Data Science BSc, Mathematics and Statistics BSc, Discrete Mathematics BSc

Career Opportunities

Actuary

What would I do?

- Use mathematical modelling techniques and statistical concepts to determine probability and assess risks, for example, analysing pension scheme liabilities to price commercial insurance
- Analyse statistical data in order to make calculations, for example, accident rates for particular groups of people
- Be an effective communicator, to discuss and explain complex topics in a simple way
- Present reports, explaining their implications to managers and directors and advising on risk limitation

Salary: Starting: £30,000
UK average: £55,000
Routes in: Relevant Bachelor’s degree

Post-School Progression Opportunities

University	Entry requirements	Other similar courses offered
University of Brighton Bachelor of Arts BA (Hons)	BBB – BBC including A Level Media Studies	2D Animation Film Studies
University of Portsmouth Bachelor of Arts BA (Hons)	ABB including A Level Media Studies	Journalism Film Studies and Media
University of Leeds Bachelor of Arts BA	AAB - ABB including A Level Media Studies	Cultural and Media Studies with a Year in the Industry
University of Kent Bachelor of Arts BA	BBB including A Level Media Studies	Film and Media Studies Film Studies with a Year in the Industry
University of Aberystwyth Bachelor of Arts BA	BBB - BBC including A Level History	Media and Communication Studies

Career Opportunities

Historian

What would I do?

- Present historical accounts in terms of individuals or social, ethnic, political, economic, or geographic groupings.
- Teach and conduct research in colleges, universities, museums, and other research agencies and schools.
- Interview people to gather information about historical events and to record oral histories.
- Organize information for publication and for other means of dissemination, such as use in CD-ROMs or Internet sites.
- Trace historical development in a particular field, such as social, cultural, political, or diplomatic history.
- Conduct historical research, and publish or present findings and theories.
- Research and prepare manuscripts in support of public programming and the development of exhibits at historic sites, museums, libraries, and archives.
- Conserve and preserve

