



## EXPERIENCE COURSES AT UNIVERSITY

### INTRODUCTION –

#### WHO CAN APPLY?

Students in Yr 12 and Scottish Yr 5 who want to make an informed choice about reading for a technology-based degree at university. *Broad-based* courses provide information on several subjects, *Focus* courses concentrate on a single discipline, *Insight* courses are for girls only and *Science and Society* courses provide information on a range of Science subjects. If you are not a British subject, your application may take longer to review and the course charged at full cost (places are heavily subsidised). First preference is for those with British nationality. We do not guarantee to place every applicant.

#### WHICH COURSE IS RIGHT FOR ME?

If you are unsure whether a science or engineering degree is for you, our broad-based courses will be most suitable. For those who want to concentrate on a particular discipline, we have a range of *Focus* courses: subjects include Aerospace, Mechanical, Chemical, Marine, Civil, Computing, Materials, The Physical Sciences, and Systems.

*Science and Society* courses are designed for those interested in a scientific career but need help in finding an appropriate course.

*Insight* is for girls who prefer to study in a female environment. Where these run concurrently with others, social activities or cultural visits may be taken together.

#### HOW CAN HEADSTART HELP?

- by introducing different branches of science, engineering and technology
- by providing hands-on experience of real practical problems
- by identifying sources of funding and support
- by showing what it's like to study for a degree at university
- by helping you decide to which university you should apply

**YOU APPLY FOR A PLACE** at the Headstart website. Then download the Application Form as it contains areas for your parents and teacher to complete. Successful applicants will be notified by Headstart in March and required then to pay the course fee - amount in pounds is shown as the numeric part of the course code. Ensure you provide five course options - we need these in case your preferences are full.

Places are allocated by Headstart. It may be possible to arrive early and stay at the university overnight, but Headstart representatives will not be on site until registration begins. If you need to arrive early, you must make arrangements direct with the Accommodation department of the university. Please note that not all universities are able to offer overnight accommodation the night before the course.

**APPLICATION FORMS** must be received by Headstart by 19 February of the course year. Dates may change so check the website in December. Any Offer of a Place will confirm dates and the university will provide Joining Instructions one month before the course starts. Offers are mailed to successful applicants by Headstart during January of the course year for courses in week 1, and during March of the course year for courses in weeks 2 - 7

**YOU WILL BE REQUIRED TO PAY** a course fee and travel costs there and back. The course fee is shown as the numeric part of the course code: e.g. CAR/220 explains the cost to attend Headstart at Cardiff is £220. Accommodation costs during the course are included in the fee. Financial assistance may be available and some schools will help with the fee or travel costs. You should ask at school first.

**PAYMENT IS NOT REQUIRED** until we send an Offer. Then, send a cheque made payable to Headstart to the Headstart office at Welwyn Garden City or pay online at the Headstart website. If you require financial assistance, it is important to let us know when you register by simply adding a note to your application. Call 01707 871505 for more information, or email Headstart.

## Programme of Courses for 2010

	<b>Week</b>	<b>Course Code</b>	<b>Course Type</b>
Arizona USA	7	ARI/220	Focus – Electronics
Bath	4	BTM/220	Focus – Mechanical Engineering
Birmingham	5	BIR/220	Broad-based engineering
Birmingham	5	BCX/220	Focus – Civil engineering
Bristol	4	BRI/220	Broad-based engineering
Bristol Electronics	4	BEX/220	Focus - Electronics
Cambridge	1	CDM/252	Focus - Materials
Cambridge	2	CAM/252	Broad-based engineering
Cambridge	5	CDX/252	Science - The Physical Sciences
Cardiff	3	CAR/220	Broad-based engineering
Colorado USA	**	DEN/220	Broad-based engineering
Durham	4	DUR/220	Broad-based engineering
Durham Maths	4	DMA/220	Focus - Mathematics
East Anglia	4	UWE/220	Science
Glasgow*	3	GLA/50	Marine Extension Course
Heriot Watt	5	WAT/220	Broad-based engineering
Huddersfield	4	HUD/220	Focus – Automotive Engineering
Imperial	3	IMP/220	Broad-based engineering
Liverpool	5	LIV/220	Focus - Aeronautics and Aerospace
Liverpool John Moores*	5	LJM/50	Marine Extension Course
Loughborough	3	LOU/220	Broad-based engineering
Loughborough	4	LUX/220	Focus - Systems Engineering
Manchester	4	MAN/220	Broad-based engineering
Newcastle	3	NCL/220	Broad-based engineering
Newcastle	3	NSC/220	Science and Society – Climate Change
Oxford	2	OMC/220	Focus – Materials and Chemistry
Oxford	4	OXF/252	Broad-based engineering
Oxford	7	OXM/220	Focus – Materials Engineering
Plymouth	5	PLY/220	Broad-based engineering
Plymouth Marine*	5	PLM/50	Marine Extension Course
Salford (Insight)	3	SAL/220	Girls only – Science and Engineering
Sheffield	5	SHE/220	Broad-based engineering
South Tyneside College*	3	STC/50	Marine Extension Course
Southampton	5	STX/220	Science – Sustainable Energy Technology
Southampton	5	SMA/220	Focus – Marine and Nautical Science
Southampton	4	SOU/220	Broad-based engineering
Strathclyde	3	STR/220	Broad-based engineering
Surrey	6	SUR/220	Broad-based engineering
Swansea	4	SWA/220	Broad-based engineering
UCL	3	UCL/220	Science - Bio-Chemical Engineering
York	5	YRK/220	Focus – Computer Science

**Week 1** is from Tuesday 23<sup>rd</sup> March to Saturday 27<sup>th</sup> March

**Week 2** is from Sunday 20<sup>th</sup> June to Friday 25<sup>th</sup> June

**Week 3** is from Sunday 27<sup>th</sup> June to Friday 2<sup>nd</sup> July

**Week 4** is from Sunday 4<sup>th</sup> July to Friday 9<sup>th</sup> July

**Week 5** is from Sunday 11<sup>th</sup> July to Friday 16<sup>th</sup> July

**Week 6** is from Sunday 18<sup>th</sup> July to Friday 23<sup>rd</sup> July

**Week 7** is from Sunday 15<sup>th</sup> August to Friday 20<sup>th</sup> August

\*\* Additional week Sunday 25<sup>th</sup> July to Thursday 29<sup>th</sup> July

\*Marine Extension Courses – additional 1.5 day Focus course that can be taken in conjunction with specific Headstart courses

**Please note, not all courses start on Sunday and finish on Friday – you must check the website for actual dates.**

## Application Form 2010 – PLEASE USE CAPITALS

THIS FORM COMPRISES 4 PAGES. PLEASE ENSURE THAT YOU COMPLETE ALL SECTIONS AND OBTAIN SIGNATURES FROM YOUR PARENT/GUARDIAN AND TEACHER THEN SEND ALL FOUR PAGES TO HEADSTART, THE WELTECH CENTRE, RIDGEWAY, WELWYN GARDEN CITY HERTS AL7 2AA BEFORE 19 FEBRUARY 2010. INCOMPLETE FORMS WILL NOT BE ACCEPTED.

Course content and dates at [www.headstartcourses.org.uk](http://www.headstartcourses.org.uk)

### YOUR PERSONAL DETAILS

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Male / Female: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Nationality: \_\_\_\_\_ NI Number: \_\_\_\_\_

Home Tel: \_\_\_\_\_ Mobile: \_\_\_\_\_

Contact email: (important) \_\_\_\_\_

Home Address \_\_\_\_\_

\_\_\_\_\_ Post Code \_\_\_\_\_

School Name: \_\_\_\_\_

School Address \_\_\_\_\_

\_\_\_\_\_ Post Code \_\_\_\_\_

\*\*All correspondence will be sent to your home address unless we're advised otherwise\*\*

### YOUR GCSE OR SCOTTISH STANDARD EXAMINATION RESULTS

Examinations	No.	Subject	Grade	Subject	Grade	Subject	Grade
GCSE A* grades		Mathematics		Business Studies		History	
GCSE A grades		Physics		ICT		Modern Std	
GCSE B grades		Chemistry		English/Language		Computing	
GCSE C grades		Biology		English Literature		Bus. Mgmt	
Scottish SG grade 1		Double Science		French		Art, Design	
Scottish SG grade 2		Engineering		German		Other (list)	
Scottish SG grade 3		Design & Technology		Spanish			
		Economics		Geography			

Results of any other examinations taken prior to Year 12/S5 e.g. AS, GNVQ etc.

### CHOOSING YOUR HEADSTART COURSE

Identify 5 courses in which you are interested. Naming less than five will limit your chances of selection. We do not guarantee to offer you a place and may offer an alternative if your choices are full. Dates can change after publication, so check the website in December.

**Successful applicants will be notified in writing during January of the course year for courses in week 1, and during March for courses in weeks 2 - 7.**

Priority (1-5)	Code	University Name	Week No		Yes	No
				Focus		
				Focus		
				Focus		
				Focus		
				Focus		

# Application Form 2010

## YOUR CURRENT AND PROPOSED STUDY PROGRAMME

Please tick in the 'A' column your current course subjects (GCE AS level, Scottish Highers) and tick in the 'B' column those subjects you think you will study in the following year (A2 or Advanced Higher)

Subject	A	B	Subject	A	B	Subject	A	B
Mathematics			Design & Technology			Spanish		
Further Maths			ICT			Modern Studies		
Physics			Economics			Computing		
Chemistry			English/Language			Business Management		
Biology			English Literature			Art and Design		
Electronics			French					
Business Studies			German					

Give subject details if studying for other qualifications such as Vocational A Levels, BTEC National Certificate/Diploma in Engineering, the International Baccalaureate, NVQs etc.

## IN WHICH OF THE FOLLOWING AREAS DO YOU SEE YOUR FUTURE CAREER?

- |                          |                                |                          |                        |                          |                         |
|--------------------------|--------------------------------|--------------------------|------------------------|--------------------------|-------------------------|
| <input type="checkbox"/> | Business and Finance           | <input type="checkbox"/> | Information Technology | <input type="checkbox"/> | Medical                 |
| <input type="checkbox"/> | Construction/Civil Engineering | <input type="checkbox"/> | Life Sciences          | <input type="checkbox"/> | Military (specify arm)  |
| <input type="checkbox"/> | Environmental/Science          | <input type="checkbox"/> | Management             | <input type="checkbox"/> | Technical Development   |
| <input type="checkbox"/> | Industrial/Product Design      | <input type="checkbox"/> | Manufacturing          | <input type="checkbox"/> | Other (please describe) |

## DEGREE COURSE AT UNIVERSITY

Which degree subject are you most likely to read at University?

## TWO ADULTS WE CAN CONTACT IN THE EVENT OF AN EMERGENCY

At least 1 of these contacts must be based in the United Kingdom for the duration of the Headstart course. All emergency contacts must be over 18 years of age. Parents, guardians, teachers and family friends are examples of suitable emergency contacts.

Name	Relationship	Contact telephone no.

Please specify any medical condition or dietary restrictions and include any special requirements that you may have (enter 'none' if not applicable)

Medical Condition: \_\_\_\_\_

Dietary Restrictions: \_\_\_\_\_

**HAVE YOU TAKEN PART IN ANY OF THE FOLLOWING?** (If yes, write which level in the box alongside)

Arkwright Scheme		Insight	
Dragonfly		Smallpeice Trust	
Engineering Education Scheme		Spectrum	
First Edition		The Duke of Edinburgh's Award Scheme	
Go4SET		Young Engineers Clubs	
Guides or Scouts			

**WILL YOU BE THE FIRST IN YOUR FAMILY TO ENTER HIGHER EDUCATION?**  **YES**  **NO**

**YOUR ETHNIC ORIGIN** (please tick relevant box – this is not necessarily the same as your nationality)

White	<input type="checkbox"/>	Black Caribbean	<input type="checkbox"/>	Black African	<input type="checkbox"/>	Black Other	<input type="checkbox"/>
Indian	<input type="checkbox"/>	Pakistani	<input type="checkbox"/>	Bangladeshi	<input type="checkbox"/>	Chinese	<input type="checkbox"/>

Other (Please Specify) \_\_\_\_\_

**HOW YOU HEARD ABOUT US** (please tick relevant box)

Teacher:	<input type="checkbox"/>	Website:	<input type="checkbox"/>	Friend:	<input type="checkbox"/>	Other (please specify):	_____
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**ANY OTHER INFORMATION YOU WISH TO ADD IN SUPPORT OF YOUR APPLICATION e.g. SPECIAL INTERESTS, WORK EXPERIENCE, HOBBIES, COMMUNITY WORK, ACHIEVEMENTS**

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**DATA PROTECTION ACT**

Tick the box if you do not wish your details to be passed to other universities and organisations that may be able to offer you related opportunities in Science, Engineering and Technology.

During the Headstart course, photographs may be taken of you and used to promote Headstart. Images will be carefully selected to portray students and courses positively.

Please tick the box if you do not give your consent for your photograph to be used.

**APPLICANT DECLARATION**

- I confirm that all this information is correct and that I have read and understood the Introduction page.
- I understand that I will be excluded from the course if my conduct is found to be unacceptable, if I fail to make a reasonable effort, or do not abide by the house rules of the university. I accept that drinking alcohol and taking stimulants or drugs of any kind (except on prescription) whilst participating in Headstart is strictly forbidden and that I must adhere to any smoking regulations made by the university.
- I understand that I am required to pay my travel expenses, in addition to the student fee.

**Student Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**PARENT/CARER DECLARATION**

I give my consent to this application and will support my son/daughter/ward in fulfilling the requirements of the above declaration. I understand that Headstart is responsible exclusively for the allocation of places, not the University.

**Parent/Carer Name (Please print):** \_\_\_\_\_

**Parent/Carer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**NOW GIVE THIS FORM TO YOUR HEAD OR TEACHER OF MATHS, SCIENCE, OR TECHNOLOGY**

**PLEASE INDICATE YOUR VIEW OF THIS STUDENTS INTEREST IN A TECHNOLOGICAL COURSE, AND POTENTIAL TO ACHIEVE A UNIVERSITY PLACE –**

Interest

Potential

**Teacher Name** (Please print) \_\_\_\_\_ **Email** \_\_\_\_\_

**School / College Name** \_\_\_\_\_ **Telephone** \_\_\_\_\_

**Department** \_\_\_\_\_ **Date** \_\_\_\_\_

**WILL SCHOOL BE PAYING THE COURSE FEE? (IT IS PAYABLE TO HEADSTART)**      **YES**       **NO**

**SCHOOL TYPE – PLEASE MARK ACCORDINGLY**

- |                   |                          |                                |                          |
|-------------------|--------------------------|--------------------------------|--------------------------|
| CTC Boys          | <input type="checkbox"/> | Sixth Form College             | <input type="checkbox"/> |
| CTC Girls         | <input type="checkbox"/> | Maintained Non Selective Boys  | <input type="checkbox"/> |
| CTC Mixed         | <input type="checkbox"/> | Maintained Non Selective Girls | <input type="checkbox"/> |
| FE College        | <input type="checkbox"/> | Maintained Non Selective Mixed | <input type="checkbox"/> |
| Independent Boys  | <input type="checkbox"/> | Maintained Selective Boys      | <input type="checkbox"/> |
| Independent Girls | <input type="checkbox"/> | Maintained Selective Girls     | <input type="checkbox"/> |
| Independent Mixed | <input type="checkbox"/> | Maintained Selective Mixed     | <input type="checkbox"/> |
|                   |                          | Other (please state)           | <input type="checkbox"/> |

**Are you a Specialist School? If so, what type?** \_\_\_\_\_

**THANK YOU FOR COMPLETING THIS APPLICATION.**

**NOW PLEASE ENSURE ALL 4 PAGES ARE RETURNED TO THE CENTRAL OFFICE AT:-  
HEADSTART, THE WELTECH CENTRE, RIDGEWAY, WELWYN GARDEN CITY, HERTFORDSHIRE AL7 2AA  
BEFORE 19 FEBRUARY 2010.**

**INCOMPLETE FORMS OR FAXED FORMS WILL NOT BE ACCEPTED.**

Tel: 01707 871505 Email [helpline@headstartcourses.org.uk](mailto:helpline@headstartcourses.org.uk)