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The University of Newcastle and NSW Department of Education High Performing Students Program

Expression of Interest



Education

**INFORMATION KIT
THE UNIVERSITY OF NEWCASTLE
HIGH PERFORMING STUDENTS PROGRAM**

A partnership between the University of Newcastle and the NSW Department of Education to accelerate career opportunities for high performing high school students.

The University of Newcastle in partnership with the NSW Department of Education offers courses in the High Performing Students Program to exceptional high school students. The program is run in conjunction with Merewether High School and provides a pathway for exceptional students from all high schools to undertake first-year university courses while attending school.

The program provides students with opportunities to fulfil their academic potential, help with career decisions, and can lead to credit for university studies. The program is delivered at Merewether High School but is open to students from all schools in the region. The program aims to keep our best and brightest in the region and build opportunities for local growth.

Contacts

Merewether High School

Attn: Ms Esme Corney

T 02 4969 3855

E merewether-h.school@det.nsw.edu.au

W [Merewether High School](#)

The University of Newcastle

T 02 4921 5000

E askuon@newcastle.edu.au

W [ASKUON Contact Us](#)

For more information about the High Performing Students Program, visit

<https://www.newcastle.edu.au/study/pathways/high-performing-students-program>

Selection Process

1. Students receive advice about courses that are on offer, or check <https://www.newcastle.edu.au/community-and-alumni/community-engagement/community-and-school-programs/high-performing-students-program>
2. Students complete an Expression of Interest form and nominate courses.
3. Students submit the Expression of Interest form, their last school report with a signature from their school principal confirming that their work is of a high calibre, and all required documentation set out in the checklist to:

Merewether High School

PO Box 3010,

Hamilton Delivery Centre 2303

E merewether-h.school@det.nsw.edu.au

4. Students attend an interview at Merewether High School with the Principal or delegate of Merewether High School, a University of Newcastle representative (if required), and one other representative from either the University or Merewether High School. The interview is formal, and students are required to wear their school uniform.
5. Students present a portfolio or CV representing their learning and outside school interests, and any relevant work experience. Sample interview questions might include:
 - Why are you interested in this course?
 - What career expectations do you have?
 - How will you manage the extra time this course requires and maintain the high standards for the School Certificate or the Higher School Certificate?
6. Merewether High School notifies individual students of the outcome of their Expression of Interest and if successful, their interview time. Students successful at the interview receive notification of acceptance into the program.
7. Newcastle University emails an application form to the successful students. The application form enables the University to provide students with access to systems that support e-learning technologies and libraries. Students need to return their completed application form to the university along with 100 points of identification before the courses commence.
8. Successful students are required to pay \$400 to cover the administration of the course.
9. Students must meet the below criteria to be eligible in the program.
 - an Australian citizen
 - a holder of an Australian permanent humanitarian visa
 - a permanent resident of Australia
 - a New Zealand citizen
 - dual citizenship holders of Australia or New Zealand

Selection Criteria

Students interested in the program must participate in an interview to assess their career planning in the chosen field. This should be demonstrated through the presentation of a portfolio.

Students must be able to demonstrate:

- an ability to complete the course in addition to their HSC studies
- commitment to completing the course requirement
- time management skills
- the ability to work independently
- reliability and punctuality
- appropriate communication and technology skills; and
- problem-solving skills

Studying at University

Success at university requires students to be motivated, self-directed learners. Students' course results in the High Performing Students Program will remain on their official University of Newcastle transcript.

Students must be prepared to:

- take responsibility for reading **all** communication from the University and their lecturer
- engage with the University's e-learning technologies
- communicate maturely with their lecturer if they are having problems with the course
- submit assessment work on time
- be available for formal examinations

Course Descriptions

Globalisation and International Management (BUSN1001)

This course analyses the challenges and opportunities presented by the globalisation of markets and production for managers in both domestic and multinational companies (MNCs). The cultural, political, economic, and technological drivers and implications of Globalisation will be presented providing an introduction to basic concepts in global economics and international business. While a key purpose of the course will be to understand how managers design effective strategic business decisions cognizant of cultural, political, and economic difference internationally, a critique of the basic paradigm of profit maximising behaviour by MNCs will also be presented through a discussion of strategising with corporate social responsibility.

Object Oriented Programming (SENG1110)

This course is an introduction to object-oriented programming language. The course introduces the fundamentals of analysing a problem and then implementing a solution as a computer software system using an object oriented language. Students learn about problem solving strategies, top-down program development and programming style. The course provides a basic introduction to data abstraction and object- oriented analysis and design. Emphasis is placed on programming and testing.

Foundations of Health and Disease (HUBS1417)

This course gives an integrated introduction to human biosciences: the anatomy and physiology of the major organ systems will be explored together with the pathophysiology of disease. Students will gain exposure to potential future health careers including Medical Radiation Science, Nutrition and Dietetics, Occupational Therapy, Pharmacy, Nursing and Biomedical Research. The course will be taught in a blended mode that includes face to face instruction in lectures and interactive tutorials/practical exercises, in conjunction with on-line teaching and interaction. The learning outcomes of the course will be assessed in reflective exercises, online mini tests and an end of term exam.

Discrete Mathematics (MATH1510)

Discrete mathematics is the study of mathematical structures that are discrete, separated or distinct; in contrast with calculus which deals with continuous change. It is an important area of pure and applied mathematics, as well as providing the mathematical basis for modern computation. Discrete Mathematics is important in the sciences, where it has increasing application in many areas, an exemplar of which is the understanding of DNA sequences in molecular biology. The Discrete Mathematics course introduces students to the basic concepts of discrete mathematics, covering topics such as set theory, logic, enumeration, probability, recurrence relations, and graph theory. The course provides important background for students pursuing a Bachelor of Mathematics degree. It covers much of the mathematics essential for students majoring in Computer Science or Software Engineering and is a compulsory course in those degree programs.

COVER SHEET

To: The Principal	Merewether High School	
Name:		Year:
School:		
Email:		@education.nsw.edu.au
Course (please tick)		
Globalisation and International Management (BUSN1001)		Foundations of Health and Disease (HUBS1417)
Object Oriented Programming (SENG1110)		Discrete Mathematics (MATH1510)
Documents Attached		
Please tick to indicate the necessary documents are attached:		
Completed and signed Expression of Interest Form		
Most recent school report		
Signed Student Declaration		

EXPRESSION OF INTEREST

The Expression of Interest should be completed by potential students. This form, the student's most recent school report, a passport-sized photo, identification, and supporting documentation (e.g., portfolios, resumes, references, etc.) should be posted, emailed, or handed in person to Merewether High School by the advertised due date.

Course (please tick)			
Globalisation and International Management (BUSN1001)		Foundations of Health and Disease (HUBS1417)	
Object Oriented Programming (SENG1110)		Discrete Mathematics (MATH1510)	

Personal Information			
Family Name		Given Name	
Home Address			Postcode
Home Telephone		Date of Birth	/ /
		Country of Birth*	
Mobile Phone		Email Address <small>(please use your official School email address)</small>	@education.nsw.gov.au
Gender	<input type="checkbox"/> Female	<input type="checkbox"/> Male	<input type="checkbox"/> Indeterminate/Intersex/Unspecified
Do you speak a language other than English?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Are you Aboriginal or Torres Strait Islander	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Do you have a disability or disorder?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Education	
Subjects currently being studied	
1.	
2.	
3.	
4.	
5.	
6.	
Career Goals	
1. Why are you applying for this course? 2. How does this link with your future career goals?	

Interests/Personal Achievements

Please give a brief description of your interests and personal achievements.

[illegible]

Additional information

Please include any relevant information you wish to bring to the attention of the panel.



Declaration

I declare that the information I have supplied in this application is true and correct. I am willing to attend all classes based at Merewether High School and can travel to the University of Newcastle as required for classes. I am willing and able to travel to local employers for work visits.

Signed: _____ Date: / /

Parent/Caregiver

I am aware of the commitment required for my child to undertake this program \$400 fee.

Signed: _____ Date: / /

Principal's Declaration

I support this student's inclusion in an accelerated program. The student is currently managing their Board of Studies coursework to an extremely high level and has demonstrated the necessary skills to be successful in this program.

Signed: _____ Date: / /

Note: If you are a citizen of a country other than Australia, please provide a copy of your Passport and your Visa Grant Notice.

CHECKLIST:

Please include the following information with your completed Expression of Interest Form:

- ☐ A completed and signed Expression of Interest Form
- ☐ Most recent school report
- ☐ Signed declaration
- ☐ Completed the Network Guest Account form for non-Department of Education Students (found at the end of this application)

Have you included your @education.nsw.edu.au email address for correspondence?



Network Guest Account Request for Schools

(For Non-DoE students, School based contractors, volunteers and Non payroll employees in Schools)

Form
SD1

Instructions

Who should use this form?

This form is only for use by **non DoE employees** needing access to the DoE Network while at a NSW Government School, such as – School Based Contractors, Guest lecturers, Canteen/Uniform shop/School banking assistants, P&C Executive. To enable us to process your request as quickly as possible, please ensure that you complete all fields on this form marked with an *. **Forms not completed correctly with missing details will be rejected and your account will not be created/renewed.**

A) Applicant Location Details

School Name *		School Code		Main Phone Number:	
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B) Applicant Personal Details

Legal First Name*		Legal Family Name*	
Preferred First Name (Optional) ▶		Date of Birth*	Gender*
Home Address*			
Town/Suburb*		Postcode*	Mobile Phone No:*
Please note – you must provide a valid personal non-DoE email address to be used to send you account details, account activation instructions, and account expiry information. We cannot process this request without one.			
Personal non-DoE Email Address * ▶			
By submitting personal information, the Applicant agrees to the use of that information for the purpose of generating a unique network account and matching records within DoE's Identity Management System. This information will be used by DoE only for this purpose and will be stored securely. Provision of this information is voluntary. However, without this information, access to the required services cannot be provided by DoE to the Applicant.			
I have read, understood and agree to adhere to the DoE Code of Conduct Policy and the Communication Devices and Associated Services Policy. To view these policies go to the https://education.nsw.gov.au/policy-library .	Applicant's Signature* ▶	Date	

C) Account Requirements

What are you using this form for? (Tick (a) or (b)) ▶:	(a) Create new Account	(b) Renew existing Account
If RENEWING an Account, identify the DET User ID OR DOIS User number ▶:		
REQUESTING CREATION of a new Non-DoE Guest Account? Identify the role the Applicant will be filling (CHOOSE ONE FROM (1) to (5)):		
1	Non-DoE Student	If Non-DoE Student, identify: ▶
		Scholastic Year
		Roll Class
2	Non-DoE Contractor	If Non-DoE Contractor, identify: ▶
		Contractor's Company Name:
		Contractor Company's ABN:
3	DoE Guest Browse (Internet Access only)	Specify reason for account being created Important* - ▶ This field must be completed for all roles (ie 1 to 5) or form will not be processed
4	DoE Guest (Network & Internet Access)	
5	DoE Guest Lecturer	
	Practice Teacher ▶	Please use new SD6 Form for Teacher Education Students on Professional Placement.
Note – DOIS Accounts can be activated for periods of no more than 12 months, but can be extended by completing a renewal request.		Account Start Date (DD/MM/YYYY)* ▶
		Account End Date (DD/MM/YYYY)* ▶

D) Authorisation (Required by Audit)

To be completed by School Principal. When completed, this form must be sent via the Principal email to liteportal@det.nsw.edu.au . (Please Tick) ▼	
▶	I have ensured the Applicant has access to the <i>Use By Staff Of Employer Communication Devices</i> policy.*
▶	I confirm the <i>Working with Children Check</i> procedures have been completed with regards to the Applicant.*
▶	I authorise the creation / renewal of the above-listed Non-DEC Account. *
Authorisers Name* ▶	Sign ▶ Date
DoE Serial Number* ▶	
DoE Email Address* ▶	