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

## **Expression of Interest Semester 1 2019**



**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 and 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 to build opportunities for local growth.

**For further information, you can contact:**

Merewether High School  
Ms Esme Corney

**T** 02 4969 3855

**F** 02 4961 2246

**E** [merewether-h.school@det.nsw.edu.au](mailto:merewether-h.school@det.nsw.edu.au)

**W** <http://www.merewether-h.schools.nsw.edu.au/>

The University of Newcastle  
Office of the Deputy Vice-Chancellor (Academic)

**T** 02 4921 5135

**F** 02 4921 7060

**E** [Louisa.Connors@newcastle.edu.au](mailto:Louisa.Connors@newcastle.edu.au)

**W** [www.newcastle.edu.au/high-performing-students](http://www.newcastle.edu.au/high-performing-students)

## Selection Process

1. Students receive advice from Schools 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 on page 8 to:

Merewether High School  
PO Box 3010, Hamilton Delivery Centre 2303

FAX: 4961 2246

Email: [merewether-h.school@det.nsw.edu.au](mailto:merewether-h.school@det.nsw.edu.au)

### **Expression of Interest forms are due close of business Friday 8 February 2019**

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 representative from either the University or Merewether High School. The interview is formal and all students are required to wear school uniform.
5. Students present a portfolio or CV representing their learning and interests outside school, 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 interview time. Following the interview, students receive notification of acceptance into the program.
7. Students complete the University's "non-award program application form" provided by their lecturer at their first class. This form enables the University to set up the systems that will support access to e-learning technologies and libraries.
8. If selected, students are required to pay \$400 to cover administration of the course. International students who are not permanent residents may be required to pay full course fees.

## **Selection Criteria**

All 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.

You must be able to demonstrate:

- an ability to complete the course in addition to your program of HSC studies;
- commitment to completing the course requirements;
- 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. Your course results in the High Performing Students Program will remain on your official University of Newcastle transcript.

You must be prepared to:

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

## Course Descriptions

The following courses are offered in Semester 1, 2019

### **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.

### **Introduction to 2D Studies (AART1500)**

This course introduces the basic core skills required to develop and explore the expressive potential of current drawing, painting or printmaking practices. The course establishes enquiry in foundation material, technical, conceptual and theoretical dimensions of these practices in the context of an historical and contemporary frame.

### **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.

### **Molecules, Cells and Organisms (BIOL1001)**

An introduction to the basic principles and concepts of cell and molecular biology. Students explore the nature of life's molecular building blocks and systems and how these interact to form functional cells and ultimately organisms. Students will discover some of the principles behind how cells work and explore ideas about how biological complexity and life itself may have originated. This knowledge underpins our ability to combat disease, to harness solar energy to feed the world, to sustainably power human industry, and to recycle our waste efficiently using microbial systems.

**COVER SHEET**

To: The Principal	Merewether High School	Fax: 4961 2246
<b>Name:</b>		<b>Year:</b>
<b>School:</b>		
<b>Email:</b>		<b>@education.nsw.edu.au</b>
<b>By: Close of business Friday 8 February 2019</b>		
<b>Position applied for</b>		
Globalisation and International Management (BUSN1001)		Introduction to 2D Studies (AART1500)
Object Oriented Programming (SENG1110)		Foundations of Health and Disease (HUBS1417)
Molecules, Cells and Organisms (BIOL1001)		
<b>Documents Attached</b>		
Please <b>tick</b> to indicate the necessary documents are attached:		
Completed and signed Expression of Interest Form		
Most recent school report		
Signed Student Declaration		
Certified copy of birth certificate or passport		
Number of pages faxed		

## EXPRESSION OF INTEREST

The Expression of Interest should be completed by potential students in their own hand. This form, last school report, a passport sized photo, identification and supporting documentation (eg. portfolios, resumes, references, etc.) should be posted, emailed or faxed to Merewether High School by close of business on **Friday 8 February 2019**.

Position applied for			
Globalisation and International Management (BUSN1001)		Introduction to 2D Studies (AART1500)	
Object Oriented Programming (SENG1110)		Foundations of Health and Disease (HUBS1417)	
Molecules, Cells and Organisms (BIOL1001)			

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

**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 am able to 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 son/daughter to undertake this program.

Signed: \_\_\_\_\_ Date:    /    /

**Principal's Declaration**

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

Signed: \_\_\_\_\_ Date:    /    /

\*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:

- Completed form and signed Expression of Interest Form
- Most recent school report
- Signed Student declaration
- Certified copy of Birth Certificate or Passport

If you are an international student:

- Certified copy of Passport
- Certified copy of Visa Grant Notice

Have you included your [@education.nsw.edu.au](mailto:@education.nsw.edu.au) email address for correspondence?