NUPrep

Pathways and Academic Learning Support Centre

GIVE UNIVERSITY A GO

The University of Newcastle is opening its doors to Year 11 and 12 students these holidays. Students over the age of 17 are invited to participate in a short university course, run by the Pathways and Academic Learning Support Centre.

WHAT IS NUPrep?

For Senior High School students, it's an opportunity to experience university while still at school.

These are real university mini-courses that aim to bridge the gap in essential student knowledge. They will contribute towards preparedness for HSC exams or starting tertiary education. NUPrep courses run during the holidays and it is FREE to participate.

Sit in a university classroom. Be taught by university staff. Work online or on campus and attempt real university assignments.

And at the end of your course - head on back to school for Term 3.

WHAT WILL I NEED?

*You **do not** need to be on an ATAR pathway at school or planning to attend university after school, to participate.*

You **will** need:

- access to a computer with internet access
- 100 points of ID and a USI number to apply

- You **will not** need to buy textbooks or additional software

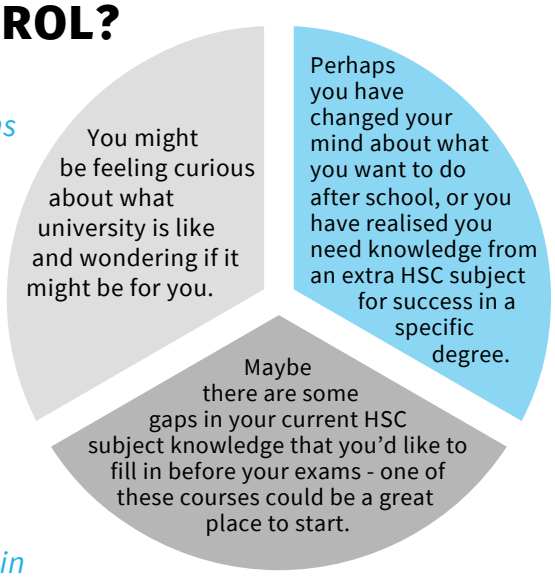
NO STRINGS ATTACHED

If I do this course does that mean I have to go to university later?

No. This doesn't sign you up for anything, other than the short course. You can participate without going to university after school finishes.

WHY ENROL?

There are lots of reasons a senior student might participate.



What about marks and assignments in NUPrep?

These courses are graded on your efforts and how you choose to engage with the assignments.
You will receive a Digital Badge for your CV and your participation in the NUPrep course will be added to your official University of Newcastle academic transcript for the future.

WE'VE GOT YOU

Interested, but think you may need some support?

That's ok.
One-on-one support is available throughout the application and enrolment process via zoom.

Once enrolled as a student you will also have access to the university's Academic Learning Support staff as well as the Wellbeing, Medical and Counselling teams.

WANT TO KNOW MORE?

If you have a specific question or would like someone contact you, fill in this short form and we will be in touch.

Alternatively, you can send an email to seniorstudentpathways@newcastle.edu.au

NUPrep
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SENIOR STUDENTS
APPLICATION & ENROLMENT

SUPPORT
WITH YOUR APPLICATION AND ENROLMENT

Before you start learning in your NUPrep course:
You need to set up your student account, fill out an application, upload some documents and THEN enrol in your NUPrep course. The Pathways and Academic Learning Support Centre are offering support to enrolling Year 11 and 12 students to navigate this process.

FOLLOW THE PATHS BELOW
FIND OUT HOW WE CAN BEST SUPPORT YOU WITH YOUR APPLICATION AND ENROLMENT PROCESSES.

START HERE

I feel confident about the application and enroling processes.
I have my IDs and other supporting documents easily available and I don't usually find multi-step tasks or filling out forms too tricky.

I think I will need help with my application or enrolment

TO GET STARTED:

Go to the NUPrep webpage.

newcastle.edu.au/study/pathways/nuprep

I will then scroll down to the "School Students" section and follow the "Guide to Application and Enrolment" instructions.

I have started, but now I have a question, or I need some help, please.

Online Support Session
via Zoom

Book in for an individualised Zoom meeting with a member of our team.

We can talk you through the process, answer questions and share our screen to demonstrate. We can help you complete your application and enrolment.

Sessions times available
Tuesdays, Wednesdays, Thursdays
between 10th June - 28th June
from 3.30pm - 5.30pm

Book in for a Support Session:
https://outlook.office365.com/owa/calendar/NUPrepSeniorStudents@uonstaff.edu.au/bookings/

No worries!
Many students need some help with this process.

Follow the blue arrows for support options.

Need to ask us a question?
You can fill in this quick form and we will reply with the information you need.

https://forms.office.com/r/3jaZueQ0sF?origin=lprLink

Or you can send us an email:
seniorstudentpathways@newcastle.edu.au

DONE

NUPrep
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SENIOR STUDENTS
COURSE DESCRIPTIONS

ON CAMPUS COURSES

Attend lessons in person

INTRODUCTION TO PROGRAMMING
EPPREP980

5 days classes on campus - 3 hours per day, lectures and tutorials, plus 1 hour per day of independent study

COURSE STARTS:
8th July
FINISHES:
12th July

LOCATION: Callaghan Campus

With the increased use of digital technologies across all school and work industries, this is a course worth any student exploring, along with students who are interested in studying computers, coding, IT or engineering.
Students will study Integrated Development Environments and programming documentation and learn to identify key information, to successfully analyse and deconstruct real-world scenarios into logical communication. Students will explore applying programming concepts, Python syntax and troubleshooting methods, along with learning how to communicate professionally within a team environment and applying abductive reasoning and critical thinking to design a solution.
www.newcastle.edu.au/course/EPPREP980

AUDITIONING AND PUBLIC PRESENTATION
EPPREP880

5 days classes on campus - 3 hours per day, lectures and tutorials, plus 1 hour per day of independent study

COURSE STARTS:
8th July
FINISHES:
12th July

LOCATION: Newcastle City Campus

Please Note: *This course is held at a different location than the other on campus courses*

This course is recommended for any students preparing for HSC viva voce, performances and presentations. It is appropriate for building confidence in any student, but is also designed for those who wish to study Performing Arts after school.
In this course students will improve their vocal and gestural skills for auditions and public presentation while exploring characterisation skills and techniques. Students will learn about strategies and preparation methods for an audition and how to apply self-assessment and self-reflection skills following an audition.
www.newcastle.edu.au/course/EPPREP880

INTRODUCTION TO FOUNDATIONAL MATHEMATICS
EPPREP920

5 days classes on campus - 3 hours per day, lectures and tutorials, plus 1 hour per day of independent study

COURSE STARTS:
8th July
FINISHES:
12th July

LOCATION: Callaghan Campus

This course revises Year 9 and 10 school level mathematics. Students will need a high level of understanding of Year 7 and 8 numeracy and algebra to participate.
The course explores algebra, graphing and trigonometry and provides a level of understanding maths that would prepare a student interested in studying Business, Economics or Commerce at university. More specific information about what is covered can be found at this link. www.newcastle.edu.au/course/EPPREP920

MATHS FOR ENGINEERING, SCIENCE AND TECHNOLOGY
EPPREP930

5 days classes on campus - 3 hours per day, lectures and tutorials, plus 1 hour per day of independent study

COURSE STARTS:
15th July
FINISHES:
19th July

LOCATION: Callaghan Campus

Please Note: *This course is held on <u>different dates</u> than all the other on campus courses*

This is a maths preparation course for students studying HSC Advanced Mathematics who are looking for a refresher course or who are interested in studying Engineering, Science or Technology at university.
Students will explore concepts such as graphing, algebra, trigonometry, applications of differentiation and integral calculus. More specific information about what is covered can be found at this link.
www.newcastle.edu.au/course/EPPREP930

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SENIOR STUDENTS
COURSE DESCRIPTIONS

ONLINE COURSES

Study at your own pace

WRITING FOR UNIVERSITY
EPPREP800

Students to complete all course work, at their own pace, within the 4 weeks.
Approx. 20 hours study total.

COURSE CONTENT AVAILABLE:
1st July
ALL WORK COMPLETED BY:
26th July

This is a course for recommended to students who are completing HSC Standard or Advanced English.
Students will learn to determine what a question is asking, how to use evidence to support arguments and how to structure their argument in response to the question. They will explore devising a reading plan, taking notes, how to organise ideas, edit drafts, construct grammatically correct sentences and using correct referencing systems. Participating in this course would be an advantage for use at school, university and in the work place.
www.newcastle.edu.au/course/EPPREP800

DIGITAL LITERACIES
EPPREP860

Students to complete all course work, at their own pace, within the 4 weeks.
Approx. 20 hours study total.

COURSE CONTENT AVAILABLE:
1st July
ALL WORK COMPLETED BY:
26th July

This course is recommended for all students curious about what real university assignments are like in the 21st century.
Digital literacies and digital medias (podcasts, videos and online presentations) will be analysed, practised and applied specifically from the perspective of what it will be like learning at a university level. Students will develop digital communication skills and will discuss online safety, cyber-security, digital footprints and online reputations. Students will also interact with University software, systems and processes while exploring digital content creation .
www.newcastle.edu.au/course/EPPREP860

INTRODUCTION TO HUMAN BIOLOGY
EPPREP960

Students to complete all course work, at their own pace, within the 4 weeks.
Approx. 20 hours study total.

COURSE CONTENT AVAILABLE:
1st July
ALL WORK COMPLETED BY:
26th July

You do <u>not</u> need to have studied Biology at high school to join this course. This human anatomy course is for any students who are interested in studying Nursing, Occupational Therapy, Nutrition and Dietetics, Speech Pathology, Health and PE, Podiatry, Oral Health, Biomedical Science, Medical Radiation Science or Physiotherapy.
It explores the structure of DNA and structural organisation of the human body, along with the tissue and organ systems, the cardiovascular, respiratory and renal systems, the skeletal, muscular, and the digestive systems. Students will also learn about anatomical position and sectional planes and macromolecules within the body.
www.newcastle.edu.au/course/EPPREP960

FOUNDATION CHEMISTRY
EPPREP790

Students to complete all course work, at their own pace, within the 4 weeks.
Approx. 20 hours study total.

COURSE CONTENT AVAILABLE:
1st July
ALL WORK COMPLETED BY:
26th July

This course is designed for those who are not studying Chemistry at school but are interested in studying Chemistry later on at university, or for students or need a refresher of some fundamental chemical concepts before their HSC exams.
Concepts such as writing and balancing chemical equations, using scientific notation, converting SI units and identifying significant figures with be explored. Students will also learn about elements, compounds and mixtures, the periodic table, distinguishing metals, non-metals, liquids and gases and how to outline basic atomic structure. www.newcastle.edu.au/course/EPPREP790

FOUNDATION PHYSICS
EPPREP900

Students to complete all course work, at their own pace, within the 4 weeks.
Approx. 20 hours study total.

COURSE CONTENT AVAILABLE:
1st July
ALL WORK COMPLETED BY:
26th July

This course is recommended for students who need a refresher of some fundamental concepts of physics or who have <u>not</u> studied physics before but are perhaps interested in studying it later on, at university.
Students will work to solve two dimensional problems, construct vectors and learn about vector calculations. They will explore various strategies and the use algebra for problem solving in physics, along with how to use units, metric prefixes and significant figures in calculations.
www.newcastle.edu.au/course/EPPREP900