

Bachelor of Teaching (Mathematics) (Honours)



The Bachelor of Teaching (Mathematics) (Honours) at the University of Newcastle aims to develop graduates who have the knowledge, skills and dispositions necessary for a highly successful career in teaching mathematics.

WITH A SIGNIFICANT DEMAND FOR SKILLED MATHEMATICS TEACHERS ACROSS THE AUSTRALIAN EDUCATION SECTOR, THIS DEGREE WILL GIVE YOU THE EDGE IN SECURING A CAREER IN TEACHING.

The University of Newcastle develops graduates who are not only expert mathematicians but also skilled and innovative teachers, with the flexible nature necessary for a highly successful career in today's teaching environment. If you are looking for a career that combines your love of numbers, analysis and solutions with a keenness to inspire and share knowledge, teaching secondary mathematics may be the perfect profession for you.

Why study with us?

Maths teachers are in high demand and our Bachelor of Teaching (Mathematics) (Honours) degree will give you a competitive edge in the job market. Our innovative teaching program produces work-ready, tech-savvy and innovative maths teachers who are also expert mathematicians. You will be prepared to teach mathematics in innovative ways and will develop advanced problem-solving skills that are transferable across disciplines.

What you will study

You will study mathematics, incorporating technology into teaching and learning, the

psychology of teaching and learning, how to work with children who have additional learning needs, as well as Aboriginal education, policy and issues. Included in the course is an internship where students take leadership of a series of mathematics classes in a secondary school.

Career opportunities

Examples include: secondary school teaching of Mathematics (Year 7-12) in public and private schools, both nationally and internationally. Additional career prospects include: research, management, and logistics and strategic planning.

IMPORTANT INFORMATION FOR ALL SECONDARY TEACHING DEGREES

All students who complete the degree requirements are eligible to graduate with ungraded Honours. High performing students may elect the graded Honours pathway.

Duration

Four years full-time or part-time equivalent

Practical experience

Teaching degrees at the University of Newcastle involve an important combination of study and hands-on experience. You will complete the equivalent of 80 days of professional experience in relevant school settings. This may involve placement in schools in locations outside the Newcastle area.

Professional recognition

Graduates of all Bachelor of Teaching (Honours) degrees will be eligible for registration with the Board of Studies, Teaching and Educational Standards (BOSTES).

Pathways

A range of pathways are available in our teaching degrees depending on your HSC studies and results.

These pathways satisfy the expectations of BOSTES.

Admission Information

There are a number of ways to gain entry to Bachelor of Teaching (Honours) degrees at the University of Newcastle. Full admission information is available on the University's website at the degree pages under the 'Handbook' tab.



The information contained in this brochure is correct as at April 2016. For updated information concerning entry requirements, visit newcastle.edu.au/degrees.

For full degree information, testimonials, videos and how to apply, visit:
newcastle.edu.au/degrees



Faculty of Education and Arts
Location Newcastle – Callaghan
UAC Code 484310 – Newcastle
ATAR **2016 Cut-off**
(73.25) Callaghan

Recommended studies - HSC English and HSC Mathematics Extension 1 or 2 or equivalent.

BACHELOR OF TEACHING SECONDARY (HONOURS)



TOP 3%
IN THE
WORLD*

teaching

secondary (honours)

#worldclassuni

IF YOU HAVE A REAL COMMITMENT TO HELPING YOUNG PEOPLE GET THE MOST OUT OF THEIR EDUCATION AND A PASSION FOR TEACHING AND LEARNING, YOU WILL FIND TEACHING A TRULY REWARDING CAREER.

Our teaching degrees aim to develop graduates who are inspirational teachers with the capability to act professionally, ethically and effectively in secondary school settings. Our graduates are insightful scholars who actively engage in rational enquiry into curriculum, policy and practice. They are innovative leaders who play a constructive role in public discourse on and beyond education.

Find out more newcastle.edu.au/degrees

*Times Higher Education World University Rankings 2015 and QS World University Rankings 2015

Bachelor of Teaching (Humanities) (Honours)



This degree prepares teachers in the areas of English, Drama, Language, History, Geography, Business Studies and other Social Science subjects.

When you study secondary teaching and humanities at the University of Newcastle you will have the opportunity to integrate your passion in a range of study areas with your teaching program and your career. This integrated program offers excellent preparation for you to become a great teacher.

Why study with us?

Our Bachelor of Teaching (Humanities) (Honours) degree will equip you with a professional foundation and the unique opportunity of graduating with a world-class honours qualification. You will study specialist areas in the humanities and learn how to be an innovative and inspiring secondary school teacher. This degree offers you flexible pathways to teach a number of secondary teaching subjects.

What you will study

You will combine the study of secondary teaching with major and minor discipline areas chosen from: Aboriginal Studies, Ancient History, Business Studies, Chinese, Drama, Economics, English, French, Geography, German, Japanese, Legal Studies, Modern History, Society and Culture, and Studies of Religion.

Career opportunities

Examples include secondary school teaching of Humanities subjects (Year 7-12) in public and private schools, nationally and internationally. Additional career prospects include: Careers Counsellor, Home School Liaison Officer, Language Teacher and Teacher Librarian.



Faculty of Education and Arts

Location Newcastle – Callaghan

UAC Code 484250 – Newcastle

ATAR 2016 Cut-off (66.25) Callaghan

Recommended studies - HSC Mathematics, plus two HSC sciences, one of which is Physics or Chemistry and one other science at HSC level or equivalent.

Bachelor of Teaching (Science) (Honours)



This degree aims to develop graduates who have the knowledge, skills and dispositions necessary for a highly successful career in teaching science.

The University of Newcastle produces highly skilled and knowledgeable educators who guide students through a set of related processes for observing, experimenting, describing, classifying and analysing phenomena. Our graduates are insightful scholars who actively engage in rational enquiry into curriculum, policy and practice.

Why study with us?

Science teachers are in high demand across the Australian education sector. If you are looking for a successful career as a multi-skilled and innovative secondary science teacher, our Bachelor of Teaching (Science) (Honours) degree will equip you with a world-class Honours qualification. You will become an expert scientist and a thoughtful, innovative teacher. Our science component

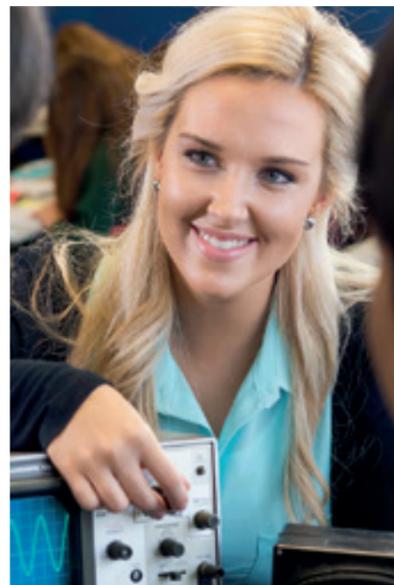
allows you to complete the equivalent of a science major or it can provide a broader base for secondary science teaching.

What you will study

Areas of study include: Secondary Teaching in Sciences, Biology, Chemistry, Geology and Physics. You may elect to undertake the special education pathway in the fourth year of the degree.

Career opportunities

Examples include secondary school teaching of Science (Year 7-12) in public and private schools, nationally and internationally. Additional career prospects include work involving: geological surveys, water quality, drug discovery, ecology, plant science, geophysics and photonics, promotion and exercise science.



Bachelor of Teaching (Technology) (Honours)



This degree prepares teachers in the areas of Design, Computing Technology, Engineering Technology, Food Technology, Textile Technology and Industrial Technology

There is a significant demand for skilled technology teachers across the Australian education sector. Technology teachers encourage students to design, make and evaluate products and systems, learn about innovation, study a range of technological applications and explore the impact of technology on society and the environment. As a student of this specialist teaching technology degree, you will study a diverse program and benefit from hands-on training and practical experience – designed to make you a highly skilled technology teacher.

Why study with us?

Our Bachelor of Teaching (Technology) (Honours) degree is a world-class qualification and the leading degree of its kind in Australia. If you are passionate about current and emerging technologies, and inspired to share your knowledge, becoming a technology teacher is an excellent choice.

Our secondary technology teaching degree will pave the way for a successful and rewarding career. This degree not only guarantees an Honours qualification, it also ensures that you become an expert technologist with highly flexible, tech-savvy and innovative teaching skills.

What you will study

Within this specialist degree you will have the opportunity to study a number of areas including: computing technology, design and technology, engineering technology, food technology, industrial technology (timber/metal) and/or textiles technology.

Career opportunities

Examples include secondary school teaching of Technology (Year 7-12) in public and private

Faculty of Education and Arts

Location Newcastle – Callaghan

UAC Code 484550 – Newcastle

ATAR 2016 Cut-off (65.35) Callaghan

Recommended studies - HSC English and any two units of HSC Science. HSC study in technology or equivalent.

school sectors, both nationally and internationally. Additional careers prospects include: Special Education Teacher, Careers Counsellor or Head Teacher.



Bachelor of Teaching (Health and Physical Education) (Honours)



This degree aims to develop graduates who have the knowledge, skills and dispositions necessary for a highly successful career in Health and Physical Education.

Teachers play a vital role in helping young people develop the knowledge, skills, values and attitudes needed to lead healthy lifestyles.

Why study with us?

Health and Physical Education teachers play a constructive role in the field of health and physical education, within and beyond the school system. Our Bachelor of Teaching (Health and Physical Education) (Honours) degree is an interdisciplinary degree that will ensure you develop the qualities to become an innovative leader in the field. You will learn from renowned scholars, including academics from our world-class Priority Research Centre (PRC) for Physical Activity and Nutrition.

What you will study

Areas of study include: secondary teaching, personal development, and health and physical education. You may elect to undertake the special education pathway in the fourth year of the degree.

Career opportunities

Examples include school teaching of Personal Development, Health and Physical Education (Year 7-12) in public and private schools, both nationally and internationally. Additional career prospects are possible in sport and recreation, sports development, fitness consultation, sports management, professional sports coaching, health promotion and exercise science.

Faculty of Education and Arts

Location Newcastle – Callaghan

UAC Code 484250 – Newcastle

ATAR 2016 Cut-off (64.60) Callaghan

Recommended studies - HSC Personal Development Health and Physical Education (PDHPE) or equivalent, plus HSC (or equivalent) in either Biology, Chemistry or Physics.

