ADVANCE YOUR CAREER WITH POSTGRADUATE STUDY

Are you interested in the design and discovery of new, advanced materials like nanomaterials, functional materials, biomaterials, drug carriers, photovoltaics, soft materials and useful metal alloys?

The Master of Materials Science and Engineering will develop your skills and prepare you to meet the global demand of this fast-growing industry.

MAKE YOUR NEXT MOVE

Developed in consultation with companies and potential employers in the field, the Master of Materials Science and Engineering has been specifically created to address the needs of both individuals and industry.

This unique program offers new courses not currently available at other major universities across Australia. Through your studies, you'll gain an understanding of how the processing of a material influences its structure, properties and performance. You'll also learn to apply this knowledge to address challenging issues in a variety of fields, including education, vehicles, cosmetics, medicine, pharmacy, information technology, energy and environmental technologies, forensic engineering, and space science.

You'll study with a team of world-leading materials science experts and use state-of-the-art infrastructure at the University's renowned Global Innovation Centre for Advanced Nanomaterials (GICAN).

WHAT YOU WILL STUDY

The Master of Materials Science and Engineering focuses on the burgeoning field of advanced nanomaterials for applications in energy, environment, biology and life science.

Through this program you'll study a broad range of disciplines including:

- chemistry
- solid-state physics
- ceramics
- metallurgy
- polymer science
- engineering
- computing
- biology
- pharmacy
- energy
- environmental technologies

WHERE IT WILL TAKE YOU

With a Master of Materials Science and Engineering, you will join the next generation of experienced engineers working locally and internationally in the field of global materials economy. And with flexible study options, you can choose to study part-time or full-time, depending on your personal and professional needs.

Materials science and engineering expertise is in high demand across a range of industries including defence, medical technology, environmental services, catalysis, petrochemical, adsorption and separation, metallurgist, mining and minerals, pharmaceuticals, chemical engineering, clean fuels, energy technology and data analytics.

GLOBAL INNOVATION CENTRE FOR ADVANCED NANOMATERIALS (GICAN)

The Global Innovation Centre for Advanced Nanomaterials (GICAN) is dedicated to developing groundbreaking technologies and providing solutions to critical global issues in transformational materials science and engineering.

Through interdisciplinary collaboration with national and international academic and industry partners, GICAN will build a vibrant and collegial research and educational environment who will contribute to translating basic and applied materials research into commercial outputs.



DURATION:
2 YEARS FULL-TIME OR PART-TIME EQUIVALENT



MODE:
FACE TO FACE



INTAKE:
SEMESTER 1 & SEMESTER 2

NEW DOESN'T JUST HAPPEN, IT NEEDS THE RIGHT PEOPLE TO CHASE IT. FIND YOUR NEW

For more detailed course information and admission requirements visit:
Newcastle.edu.au/degrees/master-materials-science-engineering

E postgrad@newcastle.edu.au

P +61 2 4921 8856



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শেরেবাংলা কৃষি বিশ্ববিদ্যালয়
শেরেবাংলা নগর
ঢাকা-১২০৭।

স্মারক নং-শেকৃবি/শিক্ষা ও বৃত্তি/২৩(১)/২০২২/ তারিখঃ -১১-২০২২

অনুলিপি (সদয় অবগতি/কার্যার্থে)ঃ

১। ডীন, কৃষি/এগ্রিবিজনেস ম্যানেজমেন্ট/এনিম্যাল সাইন্স এন্ড ভেটেরিনারী মেডিসিন/ফিশারিজ, একোয়াকালচার এন্ড মেরিন সায়েন্স অনুষদ/পোস্ট গ্রাজুয়েট স্টাডিজ, শেকৃবি, ঢাকা।
২। বিভাগীয় চেয়ারম্যান (সকল) ....., শেকৃবি, ঢাকা।
৩। পরিচালক (আইসিসি), শেকৃবি (বিজ্ঞপ্তিটি শেকৃবি'র ওয়েবসাইটে প্রচারের অনুরোধসহ)।
৪। ভিসি মহোদয়ের একান্ত সচিব (ভিসি মহোদয়ের সদয় অবগতির জন্য), শেকৃবি, ঢাকা।
৫। জনসংযোগ কর্মকর্তা, জনসংযোগ দপ্তর (বিজ্ঞপ্তিটি প্রচারের অনুরোধসহ), শেকৃবি, ঢাকা।
৬। পি.এ.টু ট্রেজারার (ট্রেজারার মহোদয়ের সদয় অবগতির জন্য), শেকৃবি, ঢাকা।
৭। পি.এ.টু রেজিস্ট্রার (রেজিস্ট্রার মহোদয়ের সদয় অবগতির জন্য), শেকৃবি, ঢাকা।
৮। সকল নোটিশ বোর্ড, শেকৃবি, ঢাকা।
৯। অফিস কপি।

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

POSTGRADUATE STUDY

MASTER OF MATERIALS SCIENCE AND ENGINEERING

WHERE WILL NEW TAKE YOU?

