

World's Top Ten University

Renowned Materials Science and Engineering Faculty



Academic Offerings

Masters in Science MSc. (1 year)

Master of Engineering MEng. (2 years)

Doctor of Philosophy PhD (4 years)

Why NUS Engineering

Top-Notch Faculty and Facilities.

World renowned and award winning faculty at the cutting edge of research and technology.

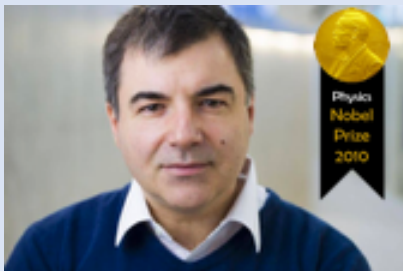
High Employability.

NUS Graduates are highly sought after by leading companies. We are top 10th globally in graduate employability.

Distinguished International Alumni.

We count over 300,000 graduates worldwide across industry sectors in over 100 countries. You will be part of the stellar network across the globe.

The MSE Difference



**Konstantin Novoselov
Nobel Prize 2010**



Learn from Nobel Laureate and World Experts in cutting edge materials science and engineering.

Our Materials Science and Engineering department leads research in exciting areas of 2D materials, Bio-inspired Materials, Edge Computing and Computational Material Sciences. These innovations and materials technologies are crucial to advance cutting-edge electronic devices and artificial Intelligence.

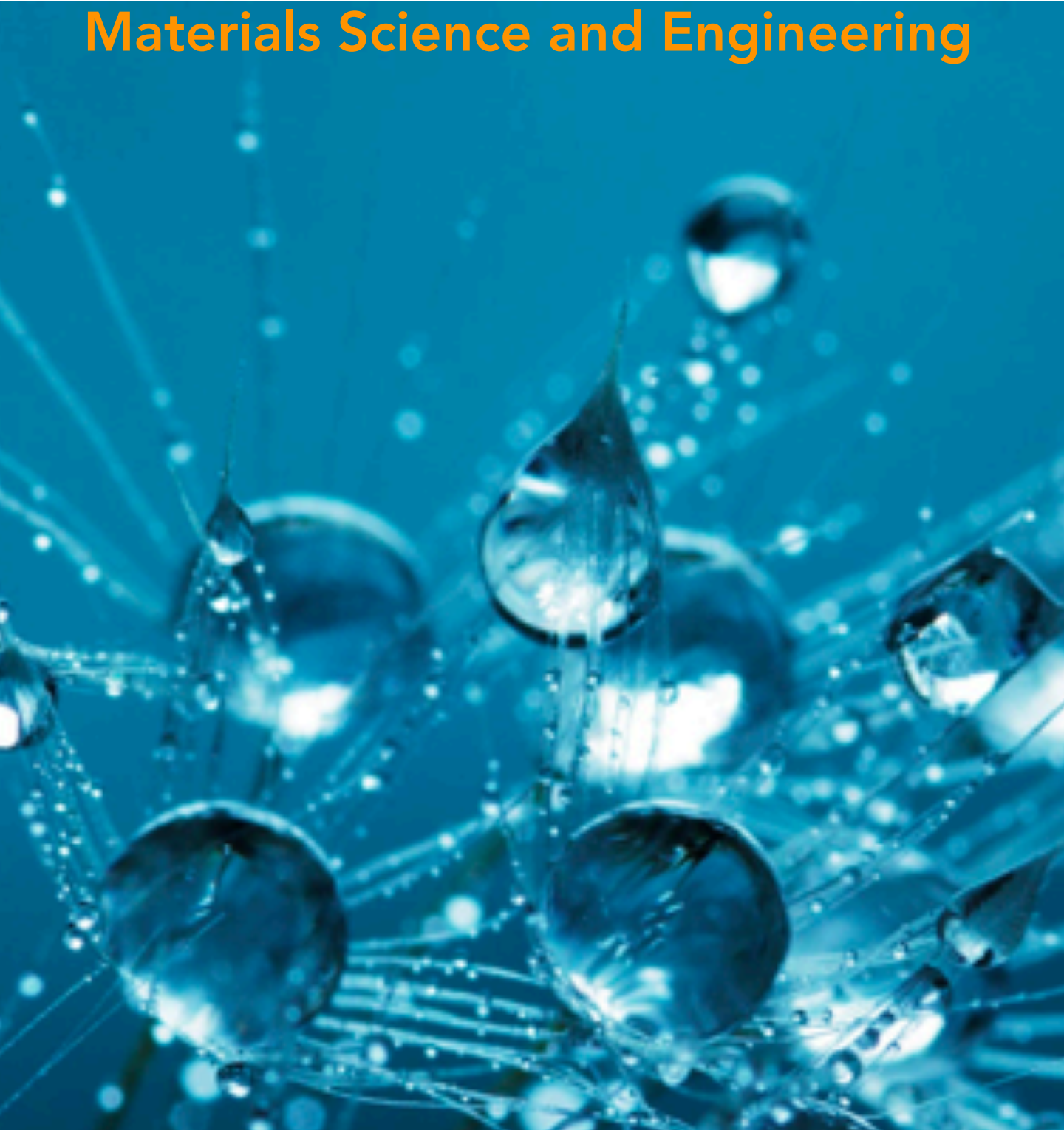




NUS
National University
of Singapore

Department of Materials Science and Engineering
Faculty of Engineering

Master of Science Materials Science and Engineering



WHAT MAKES US DIFFERENT

WE BRING TOGETHER THE BEST

Our academics and industrialists form a vibrant team providing top-notch education in materials science to form the next generation of talents.

OUR STUDENTS ARE HEAVILY SOUGHT BY EMPLOYERS GLOBALLY

NUS charts 10th globally in employing his students, with high desired by employers worldwide.

PRIME GLOBAL INTERNATIONAL NETWORK OF ALUMNI

NUS is globally renowned for its excellence in education and research. With your NUS degree, you will enter a vibrant network of 300,000 graduates from diverse backgrounds and disciplines from over 100 countries. You will leverage of our extensive extensive Materials Science NUS' network.

MASTER'S GOALS

- To equip the next generation of materials scientists with cutting edge technological and scientific knowledge.
- To nurture adaptable and technically proficient engineers to target complex multidisciplinary tasks while immersed in a multicultural work environment.
- To instigate flexibility and versatility, which leads to thriving employment prospective.

DEGREE REQUIREMENTS

40 formative credits

Project

Electives

2

+

8



MSc in Material Science
& Engineering



HIGHLIGHTS

- Electives on advances in materials
- Two-semester research project (optional)
- Counts as two modules
- **Specializations in Materials Inno-preneurship & Data Analytics : 1)** Multidiscipline. **2)** Tailored to students with the entrepreneur sprite to work in start-ups / SMEs. **3)** Artificial Intelligence and Machine Learning.

SELECTED ELECTIVES

MLE5104	Physical Properties of Materials
MLE5212	Energy Conversion and Storage
MLE5214	Advances in Polymeric Materials
MLE5215	Atomistic Modelling of Materials
MLE6101	Thermodynamics and Kinetics of Materials
MLE6103	Structures of Materials

Specialization in Materials Inno-preneurship

MLE5004	Innovation & Translation Research Project
MLE4213	Innovation & Product Development
MT5006	Strategic and New Product Development
MT5913	Tech-launch – Experiential Entrepreneurship



CANDIDATURE

1 Year



APPLICATION

Open twice a year to graduates with at least a Bachelor's degree. Candidates applying for part-time course should preferably have had a period of relevant practical experience after the first degree.



ENROLMENT FEES

S\$ 38,000 per academic year (estimated)

Engineer your future @ MSE

For inquiries get in touch at:
e-mail: msebox6@nus.edu.sg



@MSENUS1

Find us on



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