

Master of Education (Science)

This specialisation provides science educators with a theoretical and practical base for developing curriculum, adopting innovative pedagogies in schools, and acquiring basic research skills relevant to science education. It also enhances their knowledge and understanding of various aspects of science and STEM education, including the nature, history, philosophy, teaching, learning, curriculum development, implementation, evaluation, and assessment.



Target Audience

Educators and university graduates with a background in education who wish to advance their knowledge and skills in areas of Science and STEM education.



Entry Requirement

- A good Bachelor's degree from a recognised university.
- A teaching qualification such as the Postgraduate Diploma in Education from NIE; **OR**
At least ONE year of relevant working experience in education.
- Field Experience in science-related education and took science-related course at undergraduate level.

For international applicants, more information on the entry requirements can be found [here](#).



Period of Candidature

Full-time 1-2 years

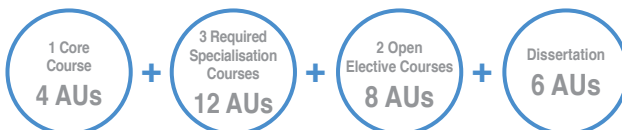
Part-time 2-4 years



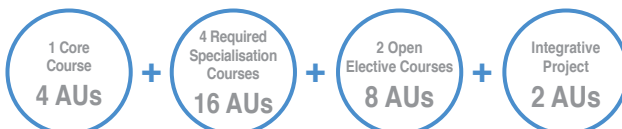
Structure

The programme comprises 30 Academic Units (AUs) and offers two options:

- Coursework with Dissertation Route



- Coursework Only Route



Note: The open elective course is to be selected from any of the courses offered in NIE's Master's degree programmes. The offer of electives is reviewed regularly to reflect developments in education and the respective fields. You are advised to take note of the prerequisites (if any) before registering.

Optional Specialisation Courses are offered subject to demand and availability of faculty expertise. Hence, not all specialisation courses are available for selection to every intake.



Testimonial

“ The MEd (Science) program has developed my skills in research methods and equipped me with better pedagogical methods for teaching and design of science curriculum. Having course mates from different domains in science education allowed for sharing of different perspectives during discussions. The lecturers are very experienced education leaders who are generous in sharing, and are able to provide good guidance. This course has proved challenging for me but it was all worth it as I went through a steep learning curve resulting in my personal growth. It has taught me a great deal of discipline, communication and resilience. ”

Nadiah Karina, Singapore
Class of 2020

For more information,
please visit
www.nie.edu.sg/med_sci.

