OVERSEAS EXCHANGE PROGRAMME

Broader your horizons with the various programme available for students to find new. You have the opportunity to fully immerse in research, in such as another country. Below details some of our students’ experiences.

Participating in Lund Culture: Run with friends

“The exchange life in Lund University provided me with a great opportunity to study alongside talented students from all over the world. It was definitely an experience of a lifetime, where I was able to grow both academically and as an individual, in such a unique way.”

- Vanessa Li (Year 1, IEM)

Experiencing another culture helped develop me in my career. If you like to run, Lund will be a great opportunity to experience different cultural activities in Sweden.

- Fang Leon (Year 3, IEM)

Bringing the Colosseum in the capital of Rome, Italy

Sitting in a new city opens up a whole new world, and each exchange experience enriched me with new knowledge and made me grow as an individual. Experiencing the unexpected made studying with different perspectives in a whole new level for me.”

- Pan Yiya (Year 4, IEM)

Splattering around at the Byron Bay Music Festival with friends

“Having a French class outing was a part of an experience that I will always remember. Experiencing a different culture first-hand is both exciting and also resulted in lasting friendships. It was definitely an experience of a lifetime, where I was able to grow both academically and as an individual, in such a unique way.”

- Lia Ruirui (Year 5, IEM and Ecole double degree programme)

Going to Madrid with me doing many previous activities

“IEM’s rigorous cross-platform curriculum has taught me to be a creative and fast learner. IEM has trained me to be a creative and fast learner. Whether I am to handle various courses. IEM graduates truly embody versatility given their ability to collaborate alongside students from various disciplines and communicate, effectively and manage relationships well. Both skills have been invaluable to me in my profession as a design engineer.”

- Iffri Husairi Bin Ismail (Year 4, IEM)

Visiting the Colosseum in the capital of Rome, Italy

“Sitting in a new city opens up a whole new world, and each exchange experience enriched me with new knowledge and made me grow as an individual. Experiencing the unexpected made studying with different perspectives in a whole new level for me.”

- Pan Yiya (Year 4, IEM)

Enjoying the Summer Festival at Venice with friends

“Sitting in a new city opens up a whole new world, and each exchange experience enriched me with new knowledge and made me grow as an individual. Experiencing the unexpected made studying with different perspectives in a whole new level for me.”

- Pan Yiya (Year 4, IEM)

Touring Paris on a bike, visiting famous landmarks with friends

“Having a French class outing was a part of an experience that I will always remember. Experiencing a different culture first-hand is both exciting and also resulted in lasting friendships. It was definitely an experience of a lifetime, where I was able to grow both academically and as an individual, in such a unique way.”

- Lia Ruirui (Year 5, IEM and Ecole double degree programme)

“Apart from experiencing different cultures, you can get the opportunity to study, conduct research, or work in another country. Below details some of our students’ experiences.

Lam Bihan

Class of 2013 (PhD Student, School of EEE, NUS)

“IELM’s rigorous cross-platform curriculum has taught me to be a creative and fast learner, individual, in such a unique way.”

- Pan Yiya (Year 4, IEM)

Liu Tong

Class of 2014 (Technology Management Associates, Associate)

Liu Tong (Year 4, IEM)

“IELM’s rigorous cross-platform curriculum has taught me to be a creative and fast learner, individual, in such a unique way.”

- Pan Yiya (Year 4, IEM)

Lim Shuyen

Class of 2013 (Product Designer, Zupin Technologies)

Lim Shuyen (Class of 2013, Product Designer, Zupin Technologies)

“The rigorous and multidisciplinary approach equipped me with the necessary knowledge in the current and future technology trends such as Internet of Things (IoT) and 3D printing.”

- Pan Yiya (Year 4, IEM)

Wong Zhi Xiang

Class of 2011 (Engineer (InforComm Infrastructure), Defence Science and Technology Agency)

Wong Zhi Xiang (Class of 2011, Engineer (InforComm Infrastructure), Defence Science and Technology Agency)

“The IEM programme has not only provided me with technical foundation and skills for my career, but has also challenged me to develop my self with self such as to think innovatively, communicate effectively, and manage relationships well. Both skills have been invaluable to me in my profession as a design engineer.”

- Iffri Husairi Bin Ismail (Year 4, IEM)

Minor Programmes

Find out more about our minor programmes at http://admissions.ntu.edu.sg/Pages/MinorProgramme.aspx

Admissions

Please visit the Office of Admissions and Financial Aid website at http://admissions.ntu.edu.sg/ for more information on admission requirements and financial aid.

Accredited by the Engineering Accreditation Board (EAB), the BEng (IEM) degree is recognised in all countries that are signatories to the accord, such as the USA, UK and Australia.

BRIGHTEN YOUR PROSPECTS

The IEM curriculum enhances students’ capabilities in both technical and creative skills through engineering, information technology and communications as well as media and production disciplines. Graduates have an edge as versatile professionals with skills and experience that are increasingly in demand alongside media designers and content creators alike, to do content creation and production as well as develop new technologies and tools. Given the edge that our graduates have, many have embarked on promising careers in the following industries:

Banking and Finance Industry

Education Industry

Game Industry

IT and Communications Industry

Media Industry

Services and others

Telecommunication Industry

Embark on a promising career in the following industries:

Check out the Global Immersion Programme (GIP) at
http://admissions.ntu.edu.sg/Pages/GlobalImmersionProgramme.aspx
and the Office of Admissions and Financial Aid initiatives -
http://admissions.ntu.edu.sg/Pages/FinancialAid.aspx
for more information.

Disclaimer: The University reserves the right to update its curricula from time to time.
IGNITE INNOVATION, CURATE CREATIVITY

At IEM, you will be equipped with the necessary skills and expertise to meet current economic demands. In addition to electrical and electronic engineering courses, you will be exposed to the fundamentals of creative Reed and gain insights into the ever-changing and evolving media landscape.

The Undergraduate Experience – As an IEM student, you will undertake a holistic curriculum spanning across engineering, art, and media courses to prepare you for a seamless entry into the thriving Infocomm Media Industry.

Curriculum Overview – Engineering-related courses consisting of programming, communications and networking, and digital audio/image/video processing, constitute 60% of the curriculum. In addition, you will also gain broad overview of the artistic and creative aspects of the media industry. This 20% of the curriculum comprises of courses such as design, animation, game design and radio/TV production.

School of Electrical & Electronic Engineering

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Reg. No. 200604393R

The multidisciplinary nature of IEM’s programme has also opened my mind towards aesthetics and consumer experience. At IEM, I gained experience in processing, constitutes 60% of the curriculum.

In today’s digital world, the focus on technological development has moved beyond pure computing, towards the need for future engineers to have a broader perspective. In addition, the rapid pace of technological development requires professionals to have a strong understanding of both the technical and artistic aspects of design. The multidisciplinary nature of IEM’s programme has provided me with the flexibility to see things from a different angle and to approach problems in a more holistic way.

– Leonard da Vinci

Leonardo da Vinci was a leading artist and an intellect of the Italian Renaissance. He has been called a genius and the man with the largest brain in the world. His most famous work, the Last Supper, is a prime example of his artistic talent. da Vinci was also a scientist and a mathematician, and his work has inspired me to constantly seek new perspectives as well as the necessary skill sets, technical competency with creative dexterity is only found here at IEM. The IEM programme has inspired me to constantly seek new perspectives as well as the necessary skill sets, derived from the multi-disciplinary curriculum at IEM, to approach problems in engineering.

“In today’s digital world, the focus on technological development has moved beyond pure functionalism for science and aesthetic, the ever-changing and evolving media landscape.

Mike Goh
Class of 2012
(PhD Student/Research Assistant, MIT (Massachusetts Institute of Technology))

“Principles for the development of a complete mind: Study the science of art. Study the art of science. Develop your senses—especially learn how to see. Develop your imagination. Take lives. Come to understand nature in the broadest possible sense. Be part of the revolution today! Gear up for the revolution!”

Are you ready yet?

JOIN OUR REVOLUTION

Boost Your Expertise, Enhance Your Prospects

Combining the best of both worlds from the School of Electrical and Electronic Engineering and the School of Humanities and Social Sciences, this double degree programme offers students the rigorous logic of engineering with the quick wit of economics. This integrated curriculum allows students to develop a unique blend of valuable technical and soft skills that are pivotal in navigating the ever-evolving global marketplace.

Top students are encouraged to apply for the Bachelor of Engineering (Honours) in Information Engineering and Media and Bachelor of Arts (Honours) in Economics double degree programme. The duration of 4.5 to 5.5 years establishes a solid foundation of skills students need to thrive in multiple career options and opportunities.

BEng (IEM) with a Second Major in Business

Double Major Programme

Double Your Knowledge, Elevate Your Opportunities

This programme equips students with in-depth knowledge and skills in Engineering and Business, granting them an enhanced competitive advantage, increasing their market value and giving them access to a wider breadth of career options and opportunities.

BEng (IEM) & BA (Econs)

Double Degree Programme

Double Your Expertise, Enhance Your Prospects

Combining the best of both worlds from the School of Electrical and Electronic Engineering and the School of Humanities and Social Sciences, this double degree programme offers students the rigorous logic of engineering with the quick wit of economics. This integrated curriculum allows students to develop a unique blend of valuable technical and soft skills that are pivotal in navigating the ever-evolving global marketplace.

The rigorous logic of engineering with the quick wit of economics. This integrated curriculum allows students to develop a unique blend of valuable technical and soft skills that are pivotal in navigating the ever-evolving global marketplace.