WHY study ECE at NUS?

➢ ECE offers two undergraduate degree programmes: B.Eng (Electrical Engineering) and B.Eng (Computer Engineering). Both programmes are accredited by the Engineering Accreditation Board (EAB) and recognized internationally.

➢ Highly flexible and broad-based curriculum provides diversified education experiences.

➢ Transform students into a well-rounded thinking graduate, steeped in fundamentals and able to interpret knowledge from diverse disciplines.

➢ Ranked 6th in the 2014 edition of the QS World University Rankings for EE.

➢ Provides a good balance of engineering skills and knowledge that are applicable to many industries.

➢ ECE Student Life provides a holistic experience for students; promotes greater engagement between staff and students, better welfare and personal development.

WHAT is Electrical & Computer Engineering (ECE) all about?

ECE is about innovation and creation of services and technology using principles related to electricity, magnetism and light. ECE is irrefutably the driving force behind most modern inventions. Computer technology and the world wide web are two ECE related inventions that have evolved rapidly and revolutionised our world. ECE is thus a discipline that has plenty to offer in terms of discovery, innovations, and creativity. Be a part of it to discover for yourself.

Scholarship Opportunities (Bond-Free)

➢ ECE Scholarship
➢ NUS Global Merit Scholarship
➢ NUS Undergraduate Scholarship
➢ Kent Ridge Undergraduate Scholarship
➢ LKY STEP Award
➢ University Engineering Scholarship
➢ Others

Admission Criteria

1) ‘A’ Level: H2 Mathematics and H2 Physics or H2 Chemistry or
2) Acceptable diploma from a Polytechnic in Singapore or
3) International Baccalaureate (IB) Diploma: HL Mathematics and either HL Physics or HL Chemistry or
4) Other equivalent qualifications
Global Engineering Programme (GEP) - Students with exceptional potential will be provided an accelerated pathway and enhanced educational experience that incorporates a strong global learning aspect. GEP students are expected to complete their BEng programme in 3 years (2 or 2.5 for Poly students) and proceed to a postgraduate programme either locally or overseas in the 4th year.

Double Degree Programme (DDP) - DDP with French Grandes Ecoles: student graduates with B.Eng. degree (NUS), Diplome d’Ingenieur (France) and M.Eng (NUS). - DDP in Engineering & Business Administration - DDP in Engineering & Economics

Enhancement Programmes - Vacation Internship Programme - Technopreneurship and Incubation - Undergraduate Research Opportunities Programme - Innovation Programme

Design Centric Programme (DCP) - Design Centric Programme (DCP) aims to produce engineering graduates with a global perspective yet sensitive to local cultural subtleties, and who have the ability to identify and solve complex problems of national importance. Students from the different engineering disciplines will work together on a project and carry on these projects all the way to their final year.

Minor Programmes - These are coherent programmes where students gain skills and knowledge beyond their major disciplines by selecting minors such as Business, Bioengineering, Technopreneurship, and others.