



附件G.2-2-1

IMEPE - 學程簡介

The Electrical Engineering Department at National Sun Yat-sen University provides students the capabilities to achieve rewarding careers in designing new products, conducting advanced research, and teaching at all levels of schools. The department has consistently ranked among five of the best EE programs in the nation, and offers all-level (bachelor, master, and Ph.D.) degrees in electrical engineering. With its overall best-averaged academic/research performance among all national research-intensive universities in Taiwan, the electric power related major in the EE department has attained international recognitions and competitions among the related professional societies. The objectives of launching the International Master's Program in Electric Power Engineering (IMEPE) are:

Assisting international students in developing advanced electric power engineering capacities
 Promoting professional exchanges among international experts in electric power engineering
 Enhancing the electric power engineering design and analytical capabilities of diplomatic allies
 Based on their academic/professional backgrounds and research interests, the students enrolled in the IMEPE program can choose the following subjects as their research specialties during the study period:

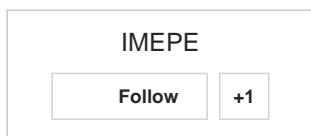
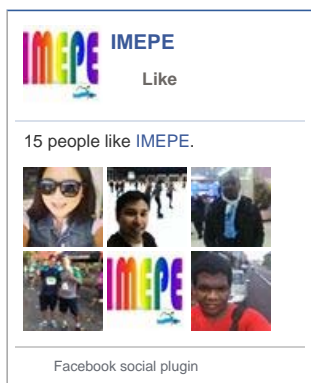
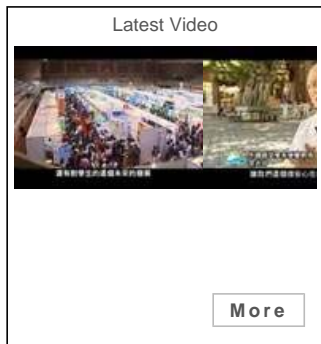
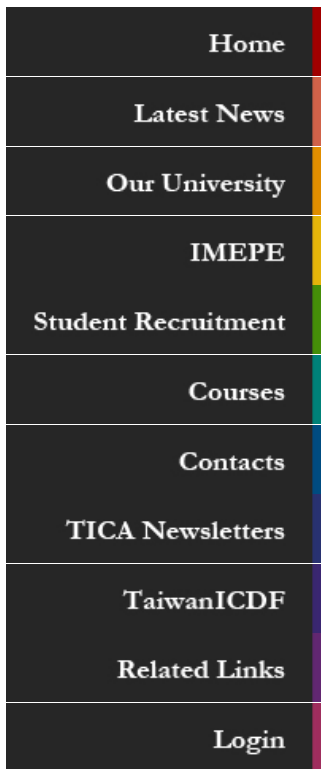
| | | |
|------------------------|---------------------------|--------------------------|
| Cogeneration | Distribution Automation | Dynamic Analyses |
| Electric Drives | Energy Management System | GIS |
| Machine System Designs | MRT E & M Systems | Power Electronics |
| Power Quality | Power System Analysis | Power System Stability |
| Smart Grid | Special Protection System | Renewable Energy Sources |

Students have to complete a total of 24-credit course work (at least 12 must be received from the core courses), and a Master's thesis in the field of electric power engineering for graduation. Students are required to submit and defend his/her thesis to a panel of 3-5 committee members. The topic of the thesis should be related to his/her research specialties and meet the industrial development needs of the student's country.

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Qualification

1. Applicants must hold a bachelor's degree (including students graduating before Aug., 2013) in fields related to electrical/electronics engineering at universities/colleges approved by the Taiwan Ministry of Education.
2. Applicants from countries where English is not the native language, or those who have completed their bachelor's degree at a non-English speaking academic institution, are required to take the TOEFL or provide English-proficiency verification. (TOEFL score iBT-TOEFL of 61 / CBT-TOEFL of 173/ Paper-based TOEFL of 500 / IELTS of 5.0.)
3. All application information might be changed subject to possible official announcements by TaiwanICDF or NSYSU. Please refer to the website at (<http://www.icdf.org.tw/mp.asp?mp=2>) (<http://www.icdf.org.tw/TSP/Welcome.aspx>), (<http://oiasys.oia.nsysu.edu.tw/>) (<http://oiasys.oia.nsysu.edu.tw/#>) for details.
Applicants who are admitted to the program MUST provide a diploma verified by the Taiwan Embassy/Representative Office to register at the university.

Admission

Academic Year 2013 - 2015

1. Prospective Applicants and Availability of Slots
 - 1) Prospective Applicants: Open to all graduates of Science, Engineering and/or related programs subject to the approval of the Admission Committee.
2. Limitations
The program is open to all nationals but the followings are not included:
 - 1) Applicants who have been granted Overseas Chinese Student status.
 - 2) Applicants who have been expelled from other universities in Taiwan, R.O.C.
 - 3) Applicants who are residents and/or citizens of Hong Kong, Macau, or The People's Republic of China.
 - 4) Applicants who have withdrawn their allegiance and citizenship from Taiwan, R.O.C. (However, this item can be overruled should the applicant have completed the 8-year prescriptive period of Ministry of the Interior from the date of the opening of classes).
3. Screening Procedure and Application Requirements
 - 1) Screening Procedure: The Admission Committee shall deliberate on the documents and material submitted by the applicants.
 - 2) Application Requirements:
 - A. Two (2) copies of completed application forms.
 - B. Photocopy of a valid passport or Alien Resident Certificate or birth certificate.
 - C. Copies of Diploma and Transcript of Record:
 - a. Two (2) photocopies of diploma (should be authenticated by Taiwan representative office in the area where the university is located).
 - b. Two (2) photocopies of diploma translated in English/Chinese if the original copy is written in any other language.
 - c. Two (2) original copies of transcript of record (should be authenticated by Taiwan representative office in the area where the university is located and have them stamped and sealed by the university).

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d. Two (2) copies of transcript of record translated in English/Chinese if the original copy is written in any other language.

e. **Applicants who are admitted to the program MUST provide a diploma verified by the Taiwan Embassy/Representative Office to register at the university if they do not provide one during the application procedure..**

D. One (1) copy of medical certificate signed by a certified medical practitioner to include HIV Antibody Test conducted within 6 months from the application date.

E. Proof of the loss of nationality of Taiwan, R.O.C. According to the Article 2 of the Law of Nationality, overseas Chinese applicant should have lost the R.O.C. nationality for a prescriptive period of 8 years (Starting from the date of the approval from the Ministry of the Interior to the date of the registration of National Sun Yat-sen University).

F. Other Requirements:

a. English-proficiency Verification. Applicants who are not of English-speaking nationalities or who have completed their bachelor's degree in a Non-English speaking academic institution are required to provide the TOEFL, GRE, or any other official document to verify his (her) English proficiency.

b. Study Plan.

c. Two (2) Recommendation Letters duly sealed.

d. Research output, thesis, publication or any material that can further support application.

e. TICDF Medial Report (including an HIV test)

4. Completion Requirements

Students enrolled in this program are required to complete all academic requirements within a period of two (2) years.

5. Academic Requirements

Students enrolled in this program are required to complete twenty-four (24) units of academic courses having three (3) units each. Four (4) of these courses shall be taken from the core courses specifically designed for this program. Students need to seek the advice of his faculty adviser to help him design his academic loading. With the approval of the program director, the remaining four (4) courses can be taken at the students' liberty from any of the Engineering courses available. The eight (8) specifically designed courses for this program are:

- 1) Advanced Electric Machinery Theory
- 2) Finite Element Analysis of Electric Machinery Systems
- 3) Linear System Analysis
- 4) Load Flow Analysis
- 5) Optimal Control
- 6) Power Electronics Converter
- 7) Power Quality
- 8) Power System Operations

6. Thesis Requirement

A Master's thesis in the field of electric power engineering is a strong requisite for graduation. Students enrolled in this program are required to submit and defend his/her thesis to a panel of 3-5 committee members. The topic of the thesis should be related to his/her specialties and meet the need of the industrial development of the student's country.

7. Degree Granted

Master of Science

The students will earn the "Master of Science (major in Electric Power Engineering)" degree from the Electrical Engineering Department after the full completion.

8. Application Dates

Application forms and relevant materials must be forwarded by the Taiwan Embassy/Representative Office or the Taiwan Technical Mission to the following address before February 28:

9. Admission Results and Registration Date

- 1) The University shall announce the names of the short-listed applicants at the end of May. Admitted students will register in September.
- 2) An accepted applicant only needs to present his letter of admission to the Taiwan Embassy/Representative Office in his country to process his visa. Admitted applicants who fail to report before the date stated in the admission letter shall likewise be removed from the roster.
- 3) The University shall be conducting a verification procedure to authenticate the documents forwarded for screening. Any applicant who has submitted falsified documents or could have rigged the application procedure shall be disqualified from the program.
- 4) Students are required to present the original copy of the diploma for verification while report to the University. Graduating students who do not receive the diploma at the time should present it upon registration. For those who fail to do so will result in disqualification from the program.

10. Medium of Instruction

All classes shall be conducted in English.

11. Visa Requirements

Please visit the nearest Taiwan Embassy/Representative Office in your country or log on to <http://www.boca.gov.tw> or call +886-2-2343-2888 extension number 6 or fax to +886-2-2343-2968.

12. Scholarship and Financial Assistance

Short-listed applicants shall be entitled to a two (2) year full scholarship provided by the International Cooperation and Development Fund (Taiwan ICDF) from August 2013 to July 2015.

Scholarship:

The scholarship shall cover airfare, dormitory allowance, tuition and credit fees, miscellaneous expenses, insurance allowance, book allowance, and living allowance:

- A. Airfare. As regulated by the Taiwan ICDF.
- B. Dormitory. Accepted students shall be housed in the graduate student dormitory.
- C. Tuition and Fees. As regulated by NSYSU.
- D. Credit Fees. Based on the required total number of units enrolled.
- E. Insurance Allowance. To cover basic insurance as provided by the National Health Insurance and student safety insurance as regulated by the Ministry of Education, the allowance also covers accident and health care insurance.
- F. Book Allowance. To cover textbooks and other reading materials as approved and purchased by the program director.
- G. Living Allowance. Each student shall be given NTD 15,000.00 per month as living allowance.

*The above Scholarship offers might be changed subject to possible official announcements by TaiwanICDF.

13. Academic Calendar

1st Semester starts in September

2nd Semester starts in February

14. Other Matters

For other queries that are not clearly stated in this communication, please refer to the website at

<http://www.ee.nsysu.edu.tw/imepe>

<http://www.icdf.org.tw/mp.asp?mp=2>

<http://www.icdf.org.tw/TSP/Welcome.aspx>

<http://oia.nsysu.edu.tw/bin/home.php?Lang=en>

<http://oiasys.oia.nsysu.edu.tw/#>

and The NSYSU Student Manual.

*On-line application form of NSYSU will be available on January 1, 2013 ~ February 28, 2013.
(Submission of application materials is preferred before February 28, 2013)

If you have any questions please feel free to contact with the Office of International Affairs of National Sun Yat-sen University.

*The application information might be changed subject to possible official announcements by TaiwanICDF and NSYSU.

Contact: Ms. Leila Chang

E-mail : oja_degree@staff.nsysu.edu.tw

TEL : 886-7-5252000 ext.2242

FAX : 886-7-5252630

15. Application Forms

16. Medical Report

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