

114 學年度 秋季班
(2025/2026) 國際產業人
才教育新型專班 招生簡章
International Industrial
Talents Education
Special Program
(INTENSE Program)
Admission Guidelines

國立中興大學 國際事務處製作

I. 綜述 Overall

中華民國教育部 (MOE) 推出「國際產業人才教育專班計畫 (下稱新型專班)」，專門針對畢業後來台灣求學或就業的優秀人才。這個計畫整合了政府、產業和大學的資源，擴大吸引優秀國際生來臺就讀與留臺工作。

The Ministry of Education (MOE) of Taiwan launched the "International Industrial Talents Education Special Program (INTENSE Program)" for talents coming to Taiwan for study and employment after graduation. This program integrates government, industry, and university resources to expand the recruitment of international students with superior industrial talent.

1. 政策重點 Features of the Program

(1) 新型專班開班領域 Focused fields

STEM、金融、半導體領域 STEM, Finance, and Semiconductor

(2) 補助項目&方式 Funding

方式一：政府與企業分攤補助費用，國發基金提供產學獎助金，包含學生初次來臺相關必要行政費用、單程機票與最多 2 年學雜費 (每年學雜費最多補助 10 萬)；產業提供每位學生每月新臺幣 (以下同) 1 萬元以上之生活津貼、實習期間給予不低於基本工資的實習津貼。

方式二：由企業全額補助上述費用。

Type 1: The Taiwanese government and participating companies split the costs. The Taiwanese government covers tuition fees and other administrative costs for up to two years. Each student will receive a monthly living stipend of at least NTD 10,000 from the participating company. During the internship period, participating companies provide each student with an allowance in accordance with the national minimum wage.

Type 2: Participating companies cover all the costs mentioned above.

(3) 畢業後就業義務 Obligations after Graduation:

方式一：畢業生依領取企業生活津貼年限履行留臺就業之義務，完成就業履約義務

後，學生可逕行選擇接續留臺或回國工作。

方式二：獲企業全額補助者亦依領取年限履行就業義務，惟**不受**留臺就業限制，畢業後履行就業義務期間可由合作企業依需求留臺或外派至國外分公司任職。

Type 1 : Students can stay in Taiwan to work with participating companies, fulfilling work obligations based on the number of years for which they received funding. Upon completion of their obligations, students may choose to remain in Taiwan to work or return to their home countries to work.

Type 2 : **For those receiving full funding from companies**, they can fulfill work obligations by working in Taiwan or be assigned to overseas branches according to the sponsoring company's needs.

II. 申請資格 Eligibility

符合以下資格者，得依教育部外國學生來臺就學辦法申請入學。

An individual who meets the following criteria can apply for admission under “MOE Regulations Regarding International Students Undertaking Studies in Taiwan”.

1. 語言能力 Language Proficiency Requirement:

(1) 申請入學中文授課班級者，華語文能力測驗 (TOCFL) 基礎級 (Level 2，相當於 CEFR A2) 聽、讀 2 項皆須達 A2 級 (含) 以上 (入學第 2 年須達 B1 級(含) 以上)

Applicants for Chinese-taught programs must achieve Level 2 or above (equivalent to CEFR A2) for both listening and reading skills in Test of Chinese as a Foreign Language (TOCFL); and reach CEFR B1 or above, on the second year after enrollment.

(2) 申請入學英文授課班級者，英文能力須達 CEFR B1 級 (含) 以上 (入學第 2 年華語文能力測驗 (TOCFL) 基礎級(Level 2，相當於 CEFR A2)聽、讀 2 項皆須達 A2 級 (含)以上)

Applicants for English-taught programs must reach the CEFR B1 level or above in the English proficiency test; and reach Level 2 or above (equivalent to CEFR A2) for both

listening and reading skills in Test of Chinese as a Foreign Language (TOCFL) on the second year after enrollment.

2. 具外國國籍且未曾具有中華民國國籍，於申請時並不具僑生資格者。

An individual of foreign nationality, who has never held Republic of China ("R.O.C.") citizenship and who does not possess an Overseas Chinese student status at the time of his/her application is eligible to apply.

3. 具外國國籍且符合下列規定，且最近連續居留海外六年以上者。所定六年，以擬入學當學期起始日期（二月一日或八月一日）為終日計算之。所稱海外，指大陸地區、香港及澳門以外之國家或地區；所稱連續居留，指外國學生每年在國內停留期間未逾一百二十日。

An individual of foreign nationality, pursuant to the following requirements i.e., who has resided overseas continuously for no less than 6 years is eligible to apply for admission. The six-year calculation period as prescribed shall be calculated to the starting date of the semester (Feb. 1st or Aug. 1st). The term "overseas" as prescribed is limited to countries or regions other than Mainland China, Hong Kong, and Macau; "reside overseas continuously" means that an individual may stay in Taiwan for no more than 120 days per calendar year.

(1) 申請時兼具中華民國國籍者，應自始未曾在臺設有戶籍。

An individual who is also a citizen of the R.O.C. but does not hold nor has had a household registration in Taiwan is eligible to apply for admission.

(2) 申請前曾兼具中華民國國籍，於申請時已不具中華民國國籍者，應自內政部許可喪失中華民國國籍之日起至申請時已滿八年。

An individual who was a national of the R.O.C. but had his/her citizenship nullified at the time of his/her application shall have an annulled status for more than 8 years as certified by the Ministry of the Interior (MOI).

(3) 前二款均未曾以僑生身分在臺就學，且未於當學年度經海外聯合招生委員會分發。

Regarding individuals mentioned in the preceding 2 subparagraphs, they must not have studied in Taiwan as an Overseas Chinese student nor received placement permission

during the same year of the application by the University Entrance Committee for Overseas Chinese Students.

4. 具外國國籍，兼具香港、澳門永久居留資格，且未曾在臺設有戶籍，申請時於香港、澳門或海外連續居留滿六年以上者。所稱連續居留，指每年在國內停留期間，合計未逾一百二十日。

An applicant of foreign nationality, concurrently holding a permanent residence status in Hong Kong or Macao, having no history of a household registration record in Taiwan and, at the time of application, who has resided in Hong Kong, Macao, or another foreign country continuously for no less than 6 years, is eligible for admission. The term “reside overseas continuously” mentioned in the preceding paragraph means that an individual may have stayed in Taiwan previously for no more than a total of 120 days per calendar year.

5. 曾為大陸地區人民具外國國籍且未曾在臺設有戶籍，申請時已連續居留海外六年以上者。所稱連續居留，指每年在國內停留期間，合計未逾一百二十日。

An applicant who was a former citizen of Mainland China and holds a foreign nationality, having no history of household registration record in Taiwan, and at the time of application, has resided overseas continuously for no less than 6 years, is eligible for admission. The term “reside overseas continuously” means that an individual may have stayed in Taiwan for no more than a total of 120 days per calendar year.

6. 外國學生具高中畢業資格者，得申請學士班。外國學生具學士學位者，得申請碩士班；具碩士學位者，得申請博士班。

Applicants with a high school diploma are eligible to apply for the four-year undergraduate programs. Applicants with a bachelor's degree are eligible to apply for the master's programs; applicants with a master's degree are eligible to apply for the doctoral programs.

7. 以上所稱中華民國國籍係依中華民國國籍法第二條所認定之（如下）。中華民國國籍法，第二條：有下列各款情形之一者，屬中華民國國籍：

R.O.C. nationality mentioned above is defined per Article 2 of Nationality Law (see below).

According to Article 2 of the Nationality Law, a person shall have the nationality of the R.O.C. under any of the conditions provided by the following subparagraphs:

(1) 出生時父或母為中華民國國民。

His/her father or mother was a national of the R.O.C. when he/she was born

(2) 出生於父或母死亡後，其父或母死亡時為中華民國國民。

He/she was born after the death of his/her father or mother, and his/her father or mother was a national of the R.O.C. at the time of death

(3) 出生於中華民國領域內，父母均無可考，或均無國籍者。

He/she was born in the territory of the R.O.C., and his/her parents cannot be ascertained, or both were stateless persons.

(4) 歸化者，前項第一款及第二款之規定，於本法修正公布時之未成年人，亦適用之。

He/she has undergone the nationalization process. Preceding subparagraph 1 and subparagraph 2 shall also apply to the people who were minors at the time of the revision and promulgation of this Act

8. 外國學生經入學學校以操行、學業成績不及格或因犯刑事案件經判刑確定致遭退學者，不得再依外國學生來臺就學辦法申請入學。

International students who withdraw from university due to behavior issues, poor academic performance, or a conviction under the Criminal Code may not thereafter apply again for admission under "MOE Regulations Regarding International Students Undertaking Studies in Taiwan".

9. 外國學生申請資格係依據中華民國教育部《外國學生來臺就學辦法》規定。辦法如經修正，將以教育部公告為準。有關辦法之最新訊息，請洽詢中華民國教育部網頁：<https://edu.law.moe.gov.tw/EngLawContent.aspx?lan=E&id=20420>。倘若違反教育部規定，經查證屬實者，撤銷其入學資格，開除學籍且不發給任何學歷證明。

The application eligibility is based on "MOE Regulation Regarding International Students

Undertaking Studies in Taiwan." If the MOE Regulations are revised, the most updated MOE Regulations shall prevail. For the latest information regarding the MOE Regulations, please visit MOE website at <http://www.edu.tw> Violation of the "MOE Regulation" will result in immediate cancellation of the applicant's admission or the deprivation of the applicant's recognized status as NCHU registered student. No academic certificate will be given.

III. 申請流程 Application Procedure

1. 資格確認: 確認外國學位生的申請資格。

Qualification Check: Confirm eligibility for foreign degree-seeking student application.

2. 選擇系所: 詳見學程介紹與名額

Choice of Department: Please refer to "Recruitment Departments & Quotas".

3. 備齊文件: 收集申請過程所需的所有文件。

Prepare Required Documents: Prepare the necessary documents for the application process.

4. 放榜: 2025 年 7 月中旬公布錄取結果。

Result Announcement: The results will be released in mid-Jul. 2025.

IV. 學程介紹與名額 Recruitment Departments Information & Admission Quotas

1. 生醫工程研究所 Graduate Institute of Biomedical Engineering

系所名稱	生醫工程研究所
Name of Department	Graduate Institute of Biomedical Engineering
專班名稱	智慧科學暨工程科技碩士國際專班

Program Name	Intelligence Science, Engineering and Technology Master Degree Program (ISET Master Degree Program)
學制 Degree	碩士/專班 Master of Science Degree
招生國籍及名額 Nationality & Admission Quota	越南/馬來西亞/印尼/印度/菲律賓 名額: 21 人 (其中 10 名由企業全額補助) Vietnam/Malaysia/Indonesia/India/Philippines Quota: 21 students (11 are Type 1 and 10 are Type 2. For more details, please refer to Page 1, <i>Features of the Program</i>)
授課語言 Language of instruction	全英語授課 All courses taught in English
共通語言能力門檻 Language proficiency – Requirements	英文語言能力 (至少需提供以下一檢測證明) TOEFL : itp 500 / ibt 61 IELTS : 5.0 TOEIC : 670 或相關英文語言能力證明 Minimum requirements for English ability -CEFR B1(choose one below) TOEFL: itp 500 / ibt 61 IELTS: 5.0 TOEIC: 670 or relevant English Proficiency Proof
□/面試	是

Interview / Oral exam	YES
院系所提供獎學金 College/Department Scholarships	無 None
系所簡介 Department Introduction	<p>生醫工程研究所 Intelligence Science, Engineering and Technology (ISET) Master Degree Program，針對產業轉型的人才需求和研究問題，提供 AI、大數據分析、深度學習、決策優化、物聯網等智慧技術課程，並加強與產業實務面的結合，讓學員深入瞭解 AI、大數據分析與決策優化的解決方案，達到做中學的目標；另一方面，授課的跨科系教師，可以結合本身研究專長興趣，以及指導的專班學員與一般生的合作，達到教學相長的綜效。因此，課程將以人工智慧(AI)、統計大數據分析技術為核心，並結合產業界生管、品管等議題作為應用領域，為針對製造現場的特性、產業需求所設計的班別。</p> <p>The Intelligence Science, Engineering and Technology (ISET) Master's Degree Program at the Graduate Institute of Biomedical Engineering provides courses in AI, big data analysis, deep learning, decision optimization, Internet of Things, and other smart technologies to address talent needs and research challenges in industrial transformation. This program strengthens integration with industrial practice, enabling students to gain an in-depth understanding of AI, big data analysis, and decision-making optimization solutions, thereby achieving the goal of learning by doing. Additionally, professors from various departments can leverage their research expertise and interests to facilitate collaboration between students, fostering a synergistic effect that</p>

	benefits teaching. Consequently, the curriculum focuses on artificial intelligence (AI) and statistical big data analysis as core components, integrating topics such as production management and quality control to address industry-specific applications. The course is tailored to the characteristics of manufacturing sites and industry requirements.
課程設計 Curriculum Planning	<p>課程規劃分為三個組別，分別為「智慧醫療器材」(Medical)、「智慧製造」(Manufacturing)、「智慧經營管理」(Management)，簡稱 3M 組別。學生可選其中一組或跨組修課。</p> <p>1. 「智慧醫療器材」組可修課程科目：科技英文(必修)、人工智慧概論(必修)、專題討論(一)(必修)、專題討論(二)(必修)、碩士論文(必修)、專業實習(必修)、智慧醫學電子(選修)、智慧生醫儀表(選)、智慧治療診斷(一)(選修)、智慧治療診斷(二)(選修)、生醫微機電(選修)、生醫光電導論(選修)、大數據分析、機器學習與人工智慧(選修)、專利法與法規(選修)、B.E.S.T. Program(選修)。</p> <p>2. 「智慧製造」組可修課程科目：科技英文(必修)、人工智慧概論(必修)、專題討論(一)(必修)、專題討論(二)(必修)、碩士論文(必修)、專業實習(必修)、大數據分析、機器學習與人工智慧(選修)、智慧製造概論(選修)、專利法與法規(選修)、區塊鏈概論(選修)、碳管理及碳關稅(選修)。</p> <p>3. 「智慧經營管理」組可修課程科目：科技英文(必修)、人工智慧概論(必修)、專題討論(一)(必修)、專題討論(二)(必修)、碩士論文(必修)、專業實習(必修)、大數據分析、機器學習與人工智慧(選修)、專利法與法規(選修)、國際行銷與創新創業(選修)、區塊鏈概論(選修)、碳管理及碳關稅(選修)、B.E.S.T. Program(選修)。</p>

	<p>The course planning is divided into three groups, namely ""Smart Medical Devices"" (Medical), ""Smart Manufacturing"" (Manufacturing), and ""Smart Management"" (Management), referred to as the 3M group. Students can choose to take courses in one group or across groups.</p> <p>1. Course subjects available for the ""Smart Medical Devices"" group: Technical English (compulsory), Introduction to Artificial Intelligence (compulsory), Seminar (I) (compulsory), Seminar (II) (compulsory), Master's Thesis (compulsory), Professional Internship (compulsory), Smart Medical Electronics (elective), Smart Biomedical Instrumentation (elective), Smart Theranostics (I) (elective), Smart Theranostics (II) (elective), Bio Microelectromechanical Systems (elective), Introduction to Biophotonics (elective), Big Data Analytics, Machine Learning, and Artificial Intelligence (elective), Patents Law and Regulations (elective), B.E.S.T. Program (elective).</p> <p>2. Course subjects available for the ""Smart Manufacturing"" group: Technical English (compulsory), Introduction to Artificial Intelligence (compulsory), Seminar (I) (compulsory), Seminar (II) (compulsory), Master's Thesis (compulsory), Professional Internship (compulsory), Big Data Analytics, Machine Learning, and Artificial Intelligence (elective), Introduction to Smart Manufacturing (elective), Patents Law and Regulations (elective), Introduction to Blockchain (elective), Carbon Management and Carbon Tariffs (elective) .</p> <p>3. Course subjects available for the ""Smart Management"" group: Technical English (compulsory), Introduction to Artificial Intelligence (compulsory), Seminar (I) (compulsory), Seminar (II) (compulsory), Master's Thesis (compulsory), Professional Internship (compulsory), Big Data Analysis, Machine Learning and Artificial</p>
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	Intelligence (elective), Patent Law and Regulations (elective), International Marketing, Innovation and Entrepreneurship (elective), Introduction to Blockchain (elective), Carbon Management and Carbon Tariff (elective), B.E.S.T. Program (elective).
<p>畢業應修學分數及條件(依學位授予法及學校學則相關規範辦理)</p> <p>Graduation Requirement (In accordance with University Act, Degree Conferral Act and other applicable regulations)</p>	<p>依學位授予法及學校學則相關規範辦理，包括：</p> <ol style="list-style-type: none"> 1. 畢業學分數：共 30 學分，含必修 18 學分(其中校外專業實習占 6 學分、科技英文 3 學分、人工智慧概論 3 學分、碩士論文 6 學分、專題討論(一) 0 學分、專題討論(二) 0 學分)、選修 12 學分。 2. 學生修滿所需畢業學分數後，才可進行碩士論文審查，碩士論文審查包括碩士論文書面審查及口頭報告口試，碩士論文審查通過(同時書面審至少 70 分及口頭報告口試至少 70 分)才可頒發碩士學位證書。 <p>In accordance with University Act, Degree Conferral Act and other applicable regulations, the basic graduation requirements are as follows:</p> <p>(1) Total graduation credits: 30 credits in total, including 18 credits of compulsory courses (including 6 credits of off-campus professional internship, 3 credits of Technical English, 3 credits of Introduction to Artificial Intelligence, 6 credits of master's thesis, 0 credits of seminar (I), and 0 credits of seminar (II)), and 12 credits of electives.</p> <p>(2) Master's thesis review can only be conducted after students have completed the required number of graduation credits. The master's thesis review includes a written review of the master's thesis and an oral examination. A master's degree certificate will be issued only after the master's thesis has passed the examination (at least 70 points</p>

	in the written review of the master's thesis and at least 70 points in the oral examination).
畢業生未來發展 Future Map	學生畢業後須留臺發展就業。 Students have to stay in Taiwan for employment after graduation.
網址 Website	https://www.bme.nchu.edu.tw/iset/index.htm
聯絡窗口 Contact	Title : 教授 Professor Name & email : 程德勝 Congo Tak Shing CHING / tsching@nchu.edu.tw TEL : +886-4-22840733#633
其他說明 Additional notes	合作企業 Participating companies 大江生醫股份有限公司 TCI Co., Ltd. 聖暉工程科技股份有限公司 Acter Co. Ltd 瑞思資訊股份有限公司 RAPIXUS Inc. 合作企業提供國際專班學生於專班就學期間生活津貼每人每月新台幣 10,000，但延修期間除外。 The participating companies will provide a monthly stipend (\$10,000 NTD) for each admitted student during the two years of study in the Master program.

2. 土木工程學系 Department of Civil Engineering

系所名稱 Name of Department	土木工程學系 Department of Civil Engineering
專班名稱 Program Name	土木工程國際專班 Civil Engineering International Program
學制 Degree	碩士/專班 Master
招生國籍及名額 Nationality & Admission Quota	馬來西亞 名額: 20 人 Malaysia Quota: 20 students
授課語言 Language of instruction	全中文授課 All courses taught in Chinese
共通語言能力門檻 Language proficiency - Requirements	中文語言能力 TOCFL(華語文能力測驗)：Level 2 (含)以上，聽、讀皆需達到 A2 以上。入學第 2 年須達 B1 級(含)以上。 TOCFL A2 or above (Listening and Reading) is required for admission. Reach TOCFL B1 or above on the second year after enrollment.

□/面試 Interview / Oral exam	是 YES
院系所提供獎學金 College/Department Scholarships	無 None
系所簡介 Department Introduction	<p>本系創立於 1961 年，為臺灣中部地區歷史最悠久公立大學土木工程學系，教學及研究環境皆相當完備，並通過中華工程教育學會「工程及科技教育認證」，畢業生將於華盛頓協定 (Washington Accord)會員所在地區享有與當地通過認證系所畢業生同樣的權益。此外，本系亦致力於國際化以培養學生之國際觀，與國際多所校系簽訂合作備忘錄、協議書以及各種雙聯學位計畫。本系教育目標以培育兼顧理論與實作能力之土木工程及科技人才，使其具有團隊合作及多領域整合能力、專業倫理、國際觀及終生學習精神，並強化學生之土木防災及永續工程教育。</p> <p>The Department was established in 1961 and is the oldest public university civil engineering department in the central region of Taiwan. The teaching and research environments are well-equipped, and it has been accredited by the Institute of Engineering Education, Taiwan, R.O.C. (IEET) for Engineering and Technological Education Accreditation. Graduates will enjoy the same privileges as graduates from accredited programs in regions belonging to the Washington Accord. Additionally, the Department is committed to cultivate students' global awareness. It has signed memorandums of understanding, agreements, and various dual-degree programs with numerous international institutions. The educational objectives of the</p>

	<p>Department aim to cultivate civil engineering and technology professionals who possess both theoretical knowledge and practical skills. These professionals are equipped with teamwork and interdisciplinary integration abilities, professional ethics, international perspectives, and a lifelong learning spirit. The Department also emphasizes education in civil disaster prevention and sustainable engineering for its students.</p>
<p>課程設計 Curriculum Planning</p>	<p>課程包括土木工程特論、碩士論文、企業實習以及符合本系四大學術分組 (1. 結構工程、2. 水利工程、3. 大地工程、4. 測量工程) 開設之各專業選修課程。</p> <p>The Department of Civil Engineering integrates education, research and professional service in areas related to civil infrastructures. The courses and research interests of the department are divided into the following four major fields: 1. Structural Engineering, 2. Hydraulic Engineering, 3. Geotechnical Engineering, and 4. Surveying and Geomatics.</p>
<p>畢業應修學分數及 條件(依學位授予 法及學校學則相關 規範辦理) Graduation Requirement (In accordance with the University Act, Degree Conferral Act and other applicable</p>	<p>基本要求：依學位授予法及學校學則相關規範辦理 包括</p> <ol style="list-style-type: none"> 1. 必修：15 學分，包括：土木工程特論(3 學分)、碩士論文(6 學分)、企業實習(6 學分)。 2. 選修：15 學分。 3. 畢業學分數：30 學分。 <p>In accordance with the University Act, Degree Conferral Act and other applicable regulations, the basic graduation requirements are as follows:</p> <p>Total graduation credits: 15, including Introduction to Advanced Civil Engineering (3 credits); Thesis (6 credits); Civil Engineering Practice-Intern (6 credits)</p>

regulations)	<p>Elective course credits: 15</p> <p>Total graduation credits: 30</p>
<p>畢業生未來發展</p> <p>Future Map</p>	<p>學生畢業後須留臺發展就業。</p> <p>Students should stay in Taiwan for employment after graduation.</p>
網址 Website	https://www.ce.nchu.edu.tw/index.asp
<p>聯絡窗口</p> <p>Contact</p>	<p>Title：行政辦事員 Coordinator</p> <p>Name：劉元卉 Ms. Liu</p> <p>Email：yhliu1253@dragon.nchu.edu.tw</p> <p>TEL：+886-4- 22840437#223</p>
<p>其他說明</p> <p>Additional notes</p>	<p>合作企業 participating company</p> <p><u>亞昕國際開發股份有限公司 YeaShin International Development</u></p> <p>提供國際專班學生畢業後正式職缺共 20 個名額，及每位學生於專班就學期間生活津貼每人每月新台幣 12,500 元，但延修期間除外。</p> <p>The participating company will provide a monthly stipend (\$12,500 NTD) for each admitted student during the two years of study in the Master program and a full-time position (20 positions in total) for each student who completes the program in two years.</p>

3. 土木工程學系(英文專班)Department of Civil Engineering (All courses taught in English)

系所名稱 Name of Department	土木工程學系 Department of Civil Engineering
專班名稱 Program Name	土木工程國際專班 Civil Engineering International Program
學制 Degree	碩士/專班 Master
招生國籍及名額 Nationality & Admission Quota	越南、印尼、菲律賓、其他國家 名額: 22 人 Vietnam/Indonesia/Philippines/other countries Quota: 22 students
授課語言 Language of instruction	全英文授課 All courses taught in English
共通語言能力門檻 Language proficiency - Requirements	英文語言能力 CRFR : B1(含)以上。 入學第 2 年華語文能力測驗(TOCFL)基礎級(Level 2 , 相當於 CEFR A2)聽、讀皆須達 A2 級(含)以上。 CEFR B1 or above in test of English is required for admission. Reach TOCFL A2 or above (listening and reading) on the second

	year after enrollment.
口/面試 Interview / Oral exam	是 YES
院系所提供獎學金 College/Department Scholarships	無 None
系所簡介 Department Introduction	<p>本系創立於 1961 年，為臺灣中部地區歷史最悠久公立大學土木工程學系，教學及研究環境皆相當完備，並通過中華工程教育學會「工程及科技教育認證」，畢業生將於華盛頓協定 (Washington Accord)會員所在地區享有與當地通過認證系所畢業生同樣的權益。此外，本系亦致力於國際化以培養學生之國際觀，與國際多所校系簽訂合作備忘錄、協議書以及各種雙聯學位計畫。本系教育目標以培育兼顧理論與實作能力之土木工程及科技人才，使其具有團隊合作及多領域整合能力、專業倫理、國際觀及終生學習精神，並強化學生之土木防災及永續工程教育。</p> <p>The Department was established in 1961 and is the oldest public university civil engineering department in the central region of Taiwan. The teaching and research environments are well-equipped, and it has been accredited by the Institute of Engineering Education, Taiwan, R.O.C. (IEET) for Engineering and Technological Education Accreditation. Graduates will enjoy the same privileges as graduates from accredited programs in regions belonging to the Washington Accord. Additionally, the Department is committed to cultivate students' global awareness. It has signed memorandums of understanding, agreements, and various dual-degree programs with</p>

	<p>numerous international institutions. The educational objectives of the Department aim to cultivate civil engineering and technology professionals who possess both theoretical knowledge and practical skills. These professionals are equipped with teamwork and interdisciplinary integration abilities, professional ethics, international perspectives, and a lifelong learning spirit. The Department also emphasizes education in civil disaster prevention and sustainable engineering for its students.</p>
<p>課程設計 Curriculum Planning</p>	<p>課程包括土木工程特論、碩士論文、企業實習以及符合本系四大學術分組 (1. 結構工程、2. 水利工程、3. 大地工程、4. 測量工程) 開設之各專業選修課程。</p> <p>The Department of Civil Engineering integrates education, research and professional service in areas related to civil infrastructures. The courses and research interests of the department are divided into the following four major fields: 1. Structural Engineering, 2. Hydraulic Engineering, 3. Geotechnical Engineering, and 4. Surveying and Geomatics.</p>
<p>畢業應修學分數及 條件(依學位授予 法及學校學則相關 規範辦理) Graduation Requirement (In accordance with the University Act, Degree Conferral Act and other</p>	<p>基本要求：依學位授予法及學校學則相關規範辦理 包括</p> <ol style="list-style-type: none"> 1. 必修：15 學分，包括：土木工程特論(3 學分)、碩士論文(6 學分)、企業實習(6 學分)。 2. 選修：15 學分。 3. 畢業學分數：30 學分。 <p>In accordance with the University Act, Degree Conferral Act and other applicable regulations, the basic graduation requirements are as follows:</p> <p>Total graduation credits: 15, including Introduction to Advanced Civil Engineering (3 credits); Thesis (6 credits); Civil Engineering</p>

applicable regulations)	Practice-Intern (6 credits) Elective course credits: 15 Total graduation credits: 30
畢業生未來發展 Future Map	學生畢業後須留臺發展就業。 Students should stay in Taiwan for employment after graduation.
網址 Website	https://www.ce.nchu.edu.tw/index.asp
聯絡窗口 Contact	Title：行政辦事員 Coordinator Name：劉元卉 Ms. Liu Email：yhliu1253@dragon.nchu.edu.tw TEL：+886-4- 22840437#223
其他說明 Additional notes	合作企業 participating company <u>亞昕國際開發股份有限公司 YeaShin International Development</u> <u>義力營造股份有限公司 EARTH POWER Construction Co. Ltd.</u> 提供國際專班學生畢業後正式職缺共 22 個名額，及每位學生於專班就學期間生活津貼每人每月新台幣 12,500，但延修期間除外。 The participating company will provide a monthly stipend (\$12,500 NTD) for each admitted student during the two years of study in the Master program and a full-time position (22 positions in total) for each student who completes the program in two years.

4. 電機工程學系 光學電子專班 Department of Electrical Engineering

系所名稱 Name of Department	電機工程學系 Department of Electrical Engineering
專班名稱 Program Name	電機工程學系 光學電子專班 Optoelectronics International Program
學制 Degree	碩士/專班 Master of Science Degree
招生國籍及名額 Nationality & Admission Quota	泰國/印度 名額: 15 人 Thailand/India Quota: 15 students
授課語言 Language of instruction	全英語授課 All courses taught in English
共通語言能力門檻 Language proficiency – Requirements	英文語言能力 (至少需提供以下一檢測證明) TOEFL : itp 500 / ibt 61 IELTS : 5.0 TOEIC : 670 或相關英文語言能力證明 Minimum requirements for English ability -CEFR B1(choose one below)

	TOEFL: itp 500 / ibt 61 IELTS: 5.0 TOEIC: 670 or relevant English Proficiency Proof
口/面試 Interview / Oral exam	是 YES
院系所提供獎學金 College/Department Scholarships	無 None
系所簡介 Department Introduction	<p>本系為一活力充沛、發展潛力雄厚的新科系，擁有來自世界各地名校的優秀博士所組成的堅強師資陣容，以及首屈一指的電機大樓。在此優良的環境下，期以教學與研究並進的方式，帶領學生同登學術的殿堂。本系學制包含學士班、碩士班、博士班、碩士在職專班、產業碩士專班。隨著電機資訊產業的蓬勃發展，本系在持續網羅各界優良師資及優秀青年學子的加入下，教學研究將更加活躍，並以成為國際頂尖之電機系為目標。</p> <p>教育目標</p> <p>專業視野：經由通訊、資訊、系統與控制、固態電子與光電及電子電路五大學程，培育專業之電機工程人才。</p> <p>理論與實務：培育學生紮實的理論基礎與實作能力。</p> <p>思考與創新：培育學生獨立思考與創新能力。</p> <p>合作與倫理：培養學生具溝通、協調及整合能力，並理解工程倫理。</p> <p>國際觀：培養學生國際觀並提升外語能力。</p> <p>Department of Electrical Engineering While the history of National Chung Hsing University can be traced</p>

	<p>back to 1919, the Department of Electrical Engineering (EE) is a relatively young department established in 1992. With consistent endeavor in pursuing excellence in both education and research, our department has now been recognized as the best EE department in central Taiwan. The current research areas of our department include communication and information, systems and control, system-on-chip (Soc), Opto-electronics, and several emerging interdisciplinary research. Reputed for the world-class faculty and vigorous research environment, our department attracts many top students for its bachelor's, master's, and doctoral programs every year. Students are expected to receive a comprehensive education that includes both fundamental principles and practical skills that are essential for them to succeed in the fast-growing high-tech world.</p> <p>Education Characteristics</p> <p>Solidity : Presently the department is divided into four teaching and research groups, Communication/Information, System and Control, Electronics, and System-on-Chip groups. Each group promotes relative professional knowledge and variant training courses which conform to the needs of the times.</p> <p>Profession : The faculties of the department have experience in the domestic/foreign academic and industrial worlds, so they can provide professional curriculum for variant fields.</p> <p>Practice : In order to serve the demands of Central Taiwan industry, we establish a close channel on the cooperation projects with industries and provide to cooperate researching and teaching with related organizations.</p> <p>Creativity : We encourage students to join the faculty's research program and to make theoretical and practical works cooperate well.</p> <p>Service : To cultivate the talented person for the industrial circles</p>
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	urgent needs of professionals, we assist to hold various spreading education of short-term training programs on the fields of Electrical, Information, Electronic, and so on.
課程設計 Curriculum Planning	<p>課程包括電腦視覺、視訊訊號處理、演化式計算 Z、嵌入式系統原理與應用、光學相關課程、碩士論文、企業實習以及符合電子光學專班開設之各專業選修課程</p> <p>The program includes courses such as Computer Vision, Video Signal Processing, Evolutionary Computation, Principles and Applications of Embedded Systems, Optics-related Courses, Master's Thesis, Corporate Internship, and various elective courses offered by the Optoelectronics Program.</p>
畢業應修學分數及條件(依學位授予法及學校學則相關規範辦理) Graduation Requirement (In accordance with University Act, Degree Conferral Act and other applicable regulations)	<p>1. 畢業學分數：共 30 學分，含必修 24 學分(電腦視覺 3 學分、視訊訊號處理 3 學分、演化式計算 Z 3 學分、嵌入式系統原理與應用 3 學分、現代光學概論 3 學分、進階光學與系統 3 學分、企業實習 6 學分)、選修 0 學分，碩士論文 6 學分。</p> <p>2. 畢業論文(專題)方式：</p> <p>學生修滿所需畢業學分數後，才可進行碩士論文審查，碩士論文審查包括碩士論文書面審查及口頭報告口試</p> <p>1. Graduation Credits: A total of 30 credits, including 24 required credits (Computer Vision (3 credits), Video Signal Processing (3 credits), Evolutionary Computation (3 credits), Principles and Applications of Embedded Systems (3 credits), Introduction to Modern Optics (3 credits), Advanced Optics and Systems (3 credits), Corporate Internship (6 credits)), 0 elective credits, and 6 credits for the Master's Thesis.</p> <p>2. Graduation Thesis (Project):</p>

	Students must complete the required credits for graduation before proceeding with the master's thesis review. The master's thesis review consists of a written evaluation and an oral defense.
畢業生未來發展 Future Map	學生畢業後須留臺發展就業。 Students should stay in Taiwan for employment after graduation.
網址 Website	https://www.ee.nchu.edu.tw/en_index.asp
聯絡窗口 Contact	Title : 特聘教授 Distinguished Professor Name & email : 裴靜偉老師 zingway@dragon.nchu.edu.tw TEL : +886-4-22840688-801
其他說明 Additional notes	合作企業 Participating companies 合盈光電科技股份有限公司 H.P.B. Optoelectronics 合作企業提供國際專班學生於專班就學期間生活津貼每人每月新台幣 10,000，但延修期間除外。 The participating companies will provide a monthly stipend (\$10,000 NTD) for each admitted student during the two years of study in the Master program.

V. 申請文件 Required Documents

1. 申請共同所需文件 Application documents required by NCHU

(1) 入學申請表。

Admission Application Form.

(2) 學歷證明文件 (學士畢業證書，應屆畢業生繳交有註冊章資訊之學生證正、反面影本或在學證明)。

Educational certificate (certificate of Bachelor's degree, fresh graduates must submit a copy of the front and back sides of the student ID card with registration information or proof of enrollment).

(3) 歷年成績單 (大學歷年成績單及名次證明或已含名次之成績單)。

Full Academic transcript (undergraduate transcript, the certificate of class rank, or a certificate of cumulative GPA ranking)

(4) 足夠在臺就學財力證明 (金額至少美金四仟元。例如：銀行核發之財力證明書。核發日期：90 天內)

Proof of financial sufficiency such as a bank statement indicating sufficient funds for staying in Taiwan issued by your financial institution(s) (***The issuing date should be within 90 days. Required amount: at least USD 4000.**)

(5) 護照影本

A photocopy of the applicant's valid passport

(6) 語文能力證明

Proof of Language proficiency

2. 系所要求文件 Documents required by departments:

(1) 英文讀書計畫。

A one-page study plan written in Chinese or English.

(2) 推薦函 (教授推薦函 2~3 封)。

Recommendation letters (2~3 letters of recommendation from academic scholars).

(3) 以中文或英文撰述三百至五百字之自傳乙份

One-page autobiography within 300~500 words or CV, written in Chinese or English.

VI. 申請注意事項 Important Notes for Applicants

1. 請填寫申請表，並至報名網頁上傳報名資料。

Please complete the [application form](#) and fill in your application information at [application webpage](#).

2. 申請者務必於報名前詳閱本招生簡章規定，以避免因申請資格不符被取消申請。

Applicants should review application guidelines carefully before submitting it to avoid having their applications cancelled due to ineligible qualifications.

3. 本校一律以電子郵件帳號通知申請相關訊息，申請者務必使用有效的電子郵件帳號，以避免因使用錯誤導致無法收到訊息。

Candidates will receive application notifications via email. To ensure the accurate receipt of messages and to avoid any issues arising from incorrect usage, applicants must provide a valid email address.

4. 申請者需於申請期限內上傳所需各項文件資料，收件後我們會以電子郵件方式通知申請者。

Applicants shall upload the required documents by the application deadline. An application acknowledgement email will be sent via e-mail upon receipt of applications.

5. 申請資料請依各項文件項目以 PDF 檔案逐一上傳，每一文件項目僅可上傳單一檔案，若有多項檔案，請合併成一個檔案後再上傳。

Please upload the application documents individually in PDF format according to each specified document category. Only one file per document category is allowed. If there are multiple files, please merge them into one file before uploading.

6. 未依申請相關規定完成之申請者其申請將視同無效，本校不予受理，其責任概由申請者自行負責。

Applications that are not completed in accordance with the specified requirements will be deemed invalid and will not be processed. The responsibility for this lies solely with the applicant.

VII. 申請期限 Application Duration

即日起至 5 月 31 日 From now until 31st May.

VIII. 申請結果 Application Results

事項 Events

註記 Notes

公告錄取榜單於本校國際處處網頁

Admitted list will be posted on Office of International Affairs
(OIA) Website

>><https://www.oia.nchu.edu.tw/index.php/home-en-gb>

2025年七月中放榜

Admitted list will be announced
around mid-Jul., 2025

IX. 甄選方式 Selection Process

1. 甄選方式以資料審查為主，如需面試或筆試，各學系將另行通知申請者。

All application materials are reviewed in the selection process. If additional tests or interviews are required, the department/program will contact the applicant directly.

2. 若申請英文授課系所，請務必確定所有繳交文件為英文版本。

Please make sure that all submitted documents are in English if you are applying for English-taught programs.

3. 申請生請務必於報名前詳閱本招生簡章規定 (含各系所組申請條件)，避免日後因申請資格不符致被取消申請或影響錄取。

To prevent potential cancellation of application or impact on admission due to ineligibility in the future, applicants should review application guidelines carefully (including application requirements for each department/graduate institute) before submitting the application.

4. 已報名或錄取之學生，如經發現申請資格不符教育部「外國學生來臺就學辦法」規定或所繳交之文件有不實、偽造、假借、塗改、學歷資格不具合法有效等情事，即取消其申請、入學資格、開除學籍或撤銷其本校畢業資格與學位證書，且不發給任何學歷 (力) 證明。

Students who have registered or been admitted, if found to be ineligible according to the "MOE Regulations Regarding International Students Undertaking Studies in Taiwan" or if the documents submitted are found to be false, forged, misrepresented, tampered with, or if their academic qualifications are deemed invalid, will have their application and admission revoked, their enrollment cancelled, their student status terminated, and their graduation qualifications and degree certificates revoked. No academic credentials will be issued.

X. 獎學金 Scholarship

1. 錄取之學生將獲得國發會提供之產學獎助金 (或由企業全額補助)，補助項目如下 Admitted students will receive industry-university scholarships provided by the

National Development Council (or from the companies) and the subsidy items are as follows:

(1) 初次來臺的相關必要行政費用 Necessary administrative expenses related to the first visit to Taiwan

採一次性補助，包含來臺前的健康檢查費用、簽證費用及文書驗證費用，以地區分列補助上限為：新南向區域國家及其他國家上限新臺幣(下同)1 萬元、歐美區域國家上限 2 萬 5000 元(核實報支)。

A one-time subsidy is provided, including health examination fees, visa fees and the fee for the document authentication prior to arrival.

The subsidy for New southbound regional countries and other countries is capped at NTD 10,000, and for European and American countries is capped at NTD 25,000 (reimbursement of actual expenses).

(2) 來台單程機票 A One-way air ticket to Taiwan

採一次性補助，機票費用以來臺最直接航程之經濟艙單程機票核實請領，新南向區域國家上限為 9,000 元、歐美區域國家上限 3 萬 5000 元(核實報支)。

Subsidized on a one-time basis. The airfare must be verified and claimed for the economy class one-way air ticket on the most direct route to Taiwan. The subsidy for New southbound regional countries is capped at NTD 9,000, and for European and American countries is capped at NTD 35,000 (reimbursement of actual expenses).

(3) 註冊入學後最多 2 年的學雜費 Tuition and miscellaneous fees for up to 2 years after registration

i. 依學生實際應繳交給學校的學雜費給予補助，每年補助上限 10 萬元(一學期上限為 5 萬元)。Subsidies will be provided based on the actual tuition and miscellaneous fees that students are required to pay to the university, with an annual subsidy upper limit of NTD 100,000 (a maximum of NTD 50,000 for one semester).

ii. 學生入學第一年給予學雜費補助，第二年華語文能力測驗(TOCFL)，中文授課班級者需達 B1 級(含)以上、英文授課班級者聽、讀 2 項皆須達 A2 級(含)以上，且需通

過學校與合作企業審查成績與表現後，擇優核給學雜費補助。In the first year, tuition and miscellaneous fee subsidies will be provided to students. In the second year, students enrolled in Chinese-taught programs must achieve CEFR B1 Level (or above) in Test of Chinese as a Foreign Language (TOCFL); students enrolled in English-taught programs must reach CEFR A2 level (or above) for both listening and reading skills in Test of Chinese as a Foreign Language (TOCFL); additionally, students shall undergo assessment of their grades and performance conducted by both the university and participating companies. Subsequently, industry-university scholarships for tuition fees will be awarded to exceptional individuals.

2. 產業將提供每位錄取之學生每月新臺幣 1 萬元(含)以上之生活津貼 The participating companies will provide each admitted student with a monthly stipend of NTD 10,000 (or above).

3. 領取學生義務 Student Obligations

領取國發基金產學獎助金的學生，依據領取年限具有相應留台就業年限的義務，亦即領一年需留台就業一年，領兩年需留台就業兩年，參與企業有優先留用聘用學生的權利。

Students who receive industry-university scholarships provided by the National Development Council (NDC) are obligated to stay in Taiwan for a corresponding time based on the duration of their industry-university scholarship. This means that if they receive the industry-university scholarship for one year, they must work in Taiwan for one year; if they receive it for two years, they must work in Taiwan for two years. Participating companies retain the right to hire students first.

獲企業全額補助的學生亦有相同就業年限義務，惟不受留臺就業限制，可由合作企業依需求外派至國外分公司任職，或任職於海外臺商企業。

Students receiving full funding from the companies have the same obligation to work for the same number of years during which they receive the fundings, but they are not subject to the restriction of staying in Taiwan for employment and can be assigned to work in overseas branches or overseas Taiwanese companies according to their needs.

4. 獎助金繳還原則 Directions Governing Scholarships

(1) 學生如中途退出專班或畢業後未履約就業者，所受領之獎助金繳還原則如下 The repayment principles for students who withdraw from the INTENSE Program midway or fail to fulfill employment obligations upon graduation are as follows

- i. 就學期間因個人因素中途退出專班，如申請轉學、轉系、休學返國，經學校輔導後仍放棄繼續就讀專班、或經學校依學則退學、開除學籍等情形，學生應全額返還已領之產學獎助金。During the study period, students who withdraw from INTENSE Program due to personal reasons, such as applying to transfer to other universities, departments, suspend studies and return to their home countries, undertake studies in INTENSE Program after a university counseling intervention, dismissed or expelled from university according to "The NCHU Student Study Regulation", etc., previous industry-university scholarship payments shall be returned in full.
- ii. 學生學習表現不佳，未通過學校及企業評鑑標準，並經學校輔導後仍無改善且依學則處以退學、開除學籍等情形，學生應全額返還已領之產學獎助金。Students who fail to meet satisfactory academic performance standards set by both the university and participating companies shall return previous industry-university scholarship payments in full.
- iii. 學生畢業後選擇不至合作企業或相關產業領域就業，並經學校輔導後仍無改善者，學生應全額返還已領之產學獎助金。After graduation, students who choose not to seek employment within participating companies, and despite receiving guidance from the university, fail to take corrective actions shall be required to return previous industry-university scholarship payments in full.
- iv. 學生畢業就業後違反公司規定被依法終止勞動契約，並經學校輔導後仍無改善者，學生應依未就業之月數比例返還產學獎助金；不滿一月者，以一月計。Should a graduate employee is terminated the labor contract for violating the company policy, and despite receiving guidance from the university, fail to take corrective actions shall return industry-university scholarship awards in proportion to the number of months of unemployment; less than a month shall be calculated as one month.

v. 學生於合作企業就業期間未滿受領產學獎助金年限：應依其未就業之月數比例繳還產學獎助金，不滿一月者，以一月計。Should a graduate employee is unable to complete his/her term of employment, which corresponds to the period of accepting the industry-university scholarship, the scholarship shall be repaid in proportion to the incomplete months of work. Any period less than a month shall be calculated as one month.

(2) 學生畢業後履行就業義務期間，應留台於國內合作企業任職，不得由合作企業外派至國外分公司任職，或任職於海外台商企業。如有前述未於國內就業情形，應依未於國內就業之月數比例返還已領之產學獎助金;不滿一月者，以一月計。**(獲企業全額補助的學生不在此限。)** After graduation, the industry-university scholarship recipients shall stay in Taiwan and serve his/her term of employment in the participating companies during the employment obligation period. The industry-university scholarship recipients are not allowed to be sent to work at overseas branches or be employed by overseas Taiwanese enterprise by the participating companies. Should the aforementioned situation of not being employed domestically arise, the industry-university scholarship shall be repaid in proportion to the incomplete months of employment. Any period less than a month shall be calculated as one month. **(Not applicable to those receiving full funding from companies)**

附件一：學雜費收費標準 Appendix 1 : Tuition and Miscellaneous Fess

費用皆以一學期為單位，一個學期以六個月計算；一個學年有兩個學期。

The fees in the table are per semester, each lasting six months; there are two semesters in one academic year.

匯率請參考換匯連結。

Exchange Rate: Please refer to Currency Converter.

以下資訊視教務處而定

The information below is subject to the Office of Academic Affairs

院別 Colleges	工、電資學院 College of Engineering and Electrical Engineering and Computer Science
學雜費基數 Tuition and Miscellaneous fees	25,340
基本學分費 Basic credit fees	27,654
合計 Total/Semester	52,994