

KUN SHAN UNIVERSITY - 2027 Spring Program

—Admission Brochure—

Master Program in Precision Machinery International Industry Talent 專班名稱: 精密機械國際產業人才碩士專班	
Degree 學位	Master Degree/碩士學位
College 學院	College of Engineering/工程學院
Department 學系	Department of Mechanical Engineering /機械工程系
Begin Term 開始學期	2027 Spring Semester (Enroll in February) /春季(2027 年 2 月入學)
Introduction Language 授課語言	Course taught in English/英文授課
Nationality of admission 招生國籍	Philippines/菲律賓
Language Proficiency 語言能力	English Proficiency Requirement - Applicants must provide proof of English proficiency equivalent to TOEIC 550, CEFR B1, or above. However, applicants from countries where English is officially recognized by the Ministry of Foreign Affairs of the Republic of China (Taiwan) (e.g., the Philippines) are exempt from submitting English proficiency test scores. Chinese Proficiency Requirement - Language Proficiency Requirements After Enrollment: Both Listening and Reading at least at level A2 before the second academic year. 英語能力要求 - 申請入學之英語能力須達 TOEIC 550 分或 CEFR B1 級(含)以上。但來自中華民國(台灣)外交部認定英語為官方語言之國家名單者(如菲律賓),得免附英語能力檢定證明。 中文能力要求 - 入學後第 2 年開始前華語文能力測驗(TOCFL)聽、讀 2 項皆達 A2 級(含)以上
Application Documents 申請文件	- Application form - The highest-level degree diploma - The highest degree's full transcript of records - Proof of English Proficiency (TOEIC 550 or above, or equivalent CEFR B1). - Statement of purpose - Passport (if available)

	7. Other supporting documents for review. (e.g., classroom performance and academic achievements in free Chinese preparatory courses at overseas bases or stations, autobiographies in Chinese or English, certificates, awards, etc.). 1. 入學申請表 2. 最高學歷證明 3. 最高學歷之歷年成績單 4. 語文能力證明(多益 550 分或相當於 CEFR B1 等級以上之英文能力證明) 5. 目的聲明書 6. 護照(如果有) 7. 其他有利之審查資料。(如：參加海外基地或據點免費華語先修課程之課堂表現及學習成績、中文或英文自傳、證照、獎狀...等)
Interview/ Oral Exam 面試/口試	Interview with Collaborating Companies 面試(與合作企業)
Obligations/ Notes 義務規定/ 注意事項	<u>Obligations</u> 1. Students receiving industry-academia scholarships from the National Development Fund, Taiwan are obligated to stay and work in Taiwan for a corresponding period based on the number of years they received the scholarship. 2. Those receiving a one-year industry-academia scholarship have a one-year obligation to stay and work in Taiwan, while those receiving a two-year industry-academia scholarship have a two-year obligation to stay and work in Taiwan. ***Notes 1. If a student withdraws from the program midway during the academic term due to personal reasons, such as applying for transfer to another program, changing majors, taking a leave of absence, or returning to their home country, and after counseling from the school, still decides to give up continuing in the program, or if the school, in accordance with its regulations, decides to withdraw or expel the student, the student is required to fully repay any industry-academia scholarship funds received. 2. If a student chooses not to work for the collaborating company or in a related industry field after graduation, and despite counseling from the school, the student is required to fully repay any industry-academia scholarship funds received. 3. If a student, after graduating and entering employment, violates company regulations leading to the lawful termination of the employment contract, and despite counseling from the school, the student should repay the industry-academia scholarship funds proportionally based on the number of months not employed; for a period less than one month, it will be counted as one month. 4. During the period of fulfilling the employment obligation after graduation, students are required to work in a position within domestic collaborating companies in Taiwan. They are not allowed to be dispatched to work at overseas branches or be employed by overseas Taiwanese-owned companies. If a student fails to comply with the requirement of domestic employment, they should repay the industry-academia scholarship funds proportionally based on the number of months not employed in Taiwan; for a period less than one month, it will be counted as one month.

義務規定

1. 凡領取國家發展基金產學獎助金之學生，應依實際受領獎助年限，履行相對應期間之留臺工作義務。
2. 領取一年期產學獎助金者，畢業後應留臺工作一年；領取二年期產學獎助金者，畢業後應留臺工作二年。

注意事項

1. 學生於修業期間因個人因素中途退出本專班（包括申請轉系、轉學、休學、返國等），經學校輔導後仍決定放棄繼續就讀，或依校方相關規定遭退學或開除學籍者，應全額返還已領取之產學獎學金款項。
2. 學生畢業後未依規定至合作企業或相關產業領域就業，經學校輔導仍未履行就業義務者，應全額繳還已領取之產學獎助金。
3. 學生畢業後就業期間，如因違反公司規定致合法終止勞動契約，經學校輔導後，應依未履行就業義務之剩餘月份比例繳還產學獎助金；未滿一個月者，以一個月計算。
4. 學生於履行畢業後就業義務期間，應受僱於我國境內之合作企業從事相關職務，不得派駐海外分公司或任職於海外臺資企業；未依規定於國內就業者，應按未履行期間比例繳還產學獎助金，未滿一個月者，以一個月計算。

Scholarship 獎助學金

1. Tuition & Fees Subsidy:

- (1) Year 1: NT\$100,000
- (2) Year 2: NT\$100,000 (*Subject to passing TOCFL A2 Listening & Reading, plus university & partner enterprise evaluations*)

2. Administrative Fee & One-way Airfare:

- (1) The administrative fees have a maximum limit of NT\$10,000.
- (2) The one-way airfare is based on the most direct economy class flight to Taiwan. (Reimbursed with a maximum limit of NT\$9,000)

3. Enterprise Living Allowance / Internship Allowance:

- (1) Year 1: Monthly living allowance of NT\$10,000.
- (2) Year 2 (Internship Period): Monthly internship allowance of NT\$29,500.

1. 學雜費補助

- (1) 第一學年補助新臺幣 10 萬元整。
- (2) 第二學年補助新臺幣 10 萬元整；惟須通過華語文能力測驗(聽力與閱讀)A2 級(含)以上，並通過學校及合作企業之學業與實習表現審查，始得核發。

2. 行政費及機票補助

- (1) 行政費補助以新臺幣 1 萬元為上限。
- (2) 來臺單程機票補助以最直接航線之經濟艙票價為準，補助上限為新臺幣 9,000 元，採實報實銷方式辦理。

3. 企業生活津貼/實習津貼

- (1) 學生於修業期間(第 1 年)，合作企業每月提供生活津貼新臺幣 10,000 元。
- (2) 學生於第 2 年實習期間，合作企業每月提供實習津貼新臺幣 29,500 元。

Introduction
of the
Program
本專班介紹
及專班特色

This specialized program was established to address the demand for highly skilled technical personnel from partner companies and to strengthen the domestic workforce. It expands the recruitment of Filipino students, attracting outstanding international students from the Philippines to study in Taiwan and encouraging them to stay and work for partner companies after graduation. This aligns with Taiwan's population policy and industrial development strategy, and addresses the urgent need for talent in the field of precision machinery as part of Taiwan's sustainable industrial transformation and technological upgrading. Guided by corporate needs, this program collaborates with a world-renowned Taiwanese artificial joint manufacturing company to recruit international students. The company is fully involved in the recruitment, curriculum, and internship programs to cultivate technical talent in the field of precision machinery, achieving the shared goals of talent development and retention.

此專項計畫旨在滿足合作企業對高技能技術人才的需求，並增強台灣本土勞動力。計畫擴大菲律賓留學生的招生規模，吸引菲律賓優秀留學生赴台留學，並鼓勵他們畢業後留在台灣，為合作企業工作。此舉符合台灣的人口政策和產業發展策略，並滿足台灣在精密機械領域對人才的迫切需求，協助台灣實現永續的產業轉型和技術升級。在企業需求的指導下，該計劃與一家世界知名的台灣人工關節製造企業合作，共同招收國際學生。該企業全程參與招生、課程設置和實習計劃，致力於培養精密機械領域的技術人才，實現人才培養和留用的共同目標。

Curriculum
Planning
課程規劃

This program (Master Program in Precision Machinery International Industry Talent) is an all-English graduate program that aims to attract, educate and prepare students for leading roles in the field of advanced manufacturing. Our graduate program collaborates with a world-renowned Taiwanese company that manufactures artificial joints, focusing on the integration of interdisciplinary knowledge such as precision manufacturing, advanced processing technology, and quality management, thereby cultivating students' professional technical skills and leadership abilities needed for the development of the manufacturing industry.

本計畫（精密機械國際產業人才碩士專班）為全英語授課之研究所學程，旨在吸引、培育並培訓學生，使其具備在先進製造領域中擔任領導角色的能力。本學程與一家世界知名的台灣人造關節製造公司合作，重點在於整合精密製造、先進加工技術和品質管理等跨學科知識，從而培養學生在製造業發展中所需的專業技術技能和領導能力。

(一) 專班之畢業應修學分數 Required credit hours for graduation from the special program

共52學分，含必修43學分(其中校外實習占18學分)、選修9學分(其中校外實習占0學分)。The course consists of 52 credits, including 43 credits of compulsory courses (of which 18 credits are for off-campus internships) and 9 credits of elective courses (of which 0 credits are for off-campus internships).

(二) 課程規劃表 Curriculum Planning Table

課程名稱 Course Name	課程綱要 Course Outline	授課 時數 Teaching hours	必選修 Required or Elective courses	學分 數 credits	授課 年級 Grade level taught
實用生活華語 -基礎級(一) Situational	1.著重生活實用詞彙，提升學習者對於真實情境的理解能力與應用能力。Emphasis is placed on practical vocabulary for	3	必修 Required	3	一上 First grade, first

	Chinese(I) - Waystage Level	everyday life, enhancing learners' understanding and application skills in real-world situations. 2.八大主題:個人資料與家庭、日常生活、購物與商業行為、飲食與文化、居住與環境、休閒與娛樂、旅行與交通、生活時尚。Eight major themes: Personal Information and Family, Daily Life, Shopping and Business Activities, Food and Culture, Housing and Environment, Leisure and Entertainment, Travel and Transportation, and Lifestyle.				semester
	職場溝通華語 -基礎級 Chinese for Workplace Waystage Level	1.著重職場實用詞彙,提升學習者對於真實情境的理解能力與應用能力。Emphasizes practical workplace vocabulary to enhance learners' understanding and application skills in real-world situations. 2.主題:你是誰-自我介紹、你要做什麼-工作內容、加班、請假、公司規定、臨時狀況、拜土地公、吃尾牙。Topics: Who are you - self-introduction, what are your responsibilities - job duties, overtime, taking leave, company regulations, unexpected situations, worshipping the Earth God, year-end banquet.	3	必修 Required	3	一上 First grade, first semester
	電腦數值控制 Computer Numerical Control	本課程讓學生能具備利用 CNC 工具機加工及 CNC 程式設計之能力。This course equips students with the skills to use CNC machine tools and design CNC programs.	3	必修 Required	3	一上 First grade, first semester
	專題討論(一) Seminar I	藉由分組討論專題主題讓學生了解機械工程相關的應用。Students learn about the applications of mechanical engineering through group discussions on specific topics.	2	必修 Required	2	一上 First grade, first semester
	電腦輔助設計 Computer Aid-ed Design	本課程能使學生熟悉 CAD、CAM 軟體操作(Solid Edge、AutoCAD),並學習設計造型(建模)、圖紙設定、模擬分析的功能,讓學生有電腦輔助設計與模擬的能力。This course will enable students to become familiar with CAD and CAM software operations (Solid Edge, AutoCAD), and learn the functions of design modeling, drawing setting, and simulation analysis, giving students the ability to perform computer-aided design and simulation.	3	選修 Elective	3	一上 First grade, first semester
	實用生活華語 -基礎級(二) Situational Chinese(II) - Waystage Level	1.著重生活實用詞彙,提升學習者對於真實情境的理解能力與應用能力。Emphasis is placed on practical vocabulary for everyday life, enhancing learners' understanding and application skills in real-world situations. 2.八大主題:教育與學習、健康與身體照護、人際關係、工作與社會、科技與創新、節慶與習俗、歷史與人文、地理與國際眺望。Eight major themes: Education and Learning, Health and Physical Care, Interpersonal Relationships, Work and	3	必修 Required	3	一下 First grade, second semester

	Society, Technology and Innovation, Festivals and Customs, History and Humanities, and Geography and International Perspectives.				
華語文能力測驗 聽力閱讀-基礎 級 Chinese Listening and Reading Comprehension- Level 2	1.華語文能力測驗基礎級1000詞。1000 words for the Basic Level of the Chinese Language Proficiency Test. 2.加強語法，同時練習與複習一千詞，模擬測驗使學生熟悉測驗方式。Strengthen grammar while practicing and reviewing the 1000 words. Mock tests familiarize students with the testing format. 3.十大主題：個人資料、房屋與家庭、環境，日常生活、休閒娛樂、飲食、與他人關係、健康及身體照顧、旅行、購物、教育。Ten major themes: Personal Information, Housing and Family, Environment, Daily Life, Leisure and Recreation, Food, Relationships with Others, Health and Body Care, Travel, Shopping, and Education.	3	必修 Required	3	一下 First grade, second semester
現代製造學 Modern Manufacturing	本課程讓學生了解現代先進製造非傳統加工技術原理及應用，並介紹業界公司之加工製程及工業4.0智慧製造的核心技術。例如：鍛造、鑄造、機加工、燒結、電漿噴塗及3D 列印製程，及品質管理課程等。This course introduces students to the principles and applications of modern advanced manufacturing non-traditional processing technologies, and introduces the processing procedures of industry companies and the core technologies of Industry 4.0 smart manufacturing. Examples include forging, casting, machining, sintering, plasma spraying, 3D printing processes, and quality management courses.	3	選修 Elective	3	一下 First grade, second semester
電腦輔助製造 Computer-aided manufacturing	本課程能使學生熟悉 CAM 軟體操作 (MASTERCAM)，並學習刀具路徑模擬、CNC 加工程式模擬分析的功能，讓學生有電腦輔助製造與模擬的能力。This course will familiarize students with CAM software operation (MASTERCAM) and teach them the functions of toolpath simulation and CNC machining simulation analysis, enabling them to have computer-aided manufacturing and simulation capabilities.	3	選修 Elective	3	一下 First grade, second semester
專題討論(二) Seminar II	藉由分組討論專題主題讓學生了解機械工程相關的應用。Students learn about the applications of mechanical engineering through group discussions on specific topics.	2	必修 Required	2	一下 First grade, second semester
學年校外實習 (一) Academic year off-campus	依合作廠商要求，進行專業實務訓練。Professional practical training will be provided as required by our partner manufacturers.	40	必修 Required	9	二上 Second grade, first semester

	internship I					
	學年校外實習 (二) Academic year off-campus internship II	依合作廠商要求，進行專業實務訓練。 Professional practical training will be provided as required by our partner manufacturers.	40	必修 Required	9	二下 Second grade, second semester
	論文 Thesis	本課程能使學生學習規劃碩士畢業論文 主題並撰寫研究論文。This course enables students to plan their master's thesis topics and write research papers.	0	必修 Required	6	二下 Second grade, second semester
未來的願景 Future map	Employment career: Students should work in Taiwan after graduation for at least 2 years in the partnering enterprise. 本專班畢業生需進入合作企業在台工作至少兩年。 *** Collaborating Company 合作企業: 聯合骨科器材股份有限公司(15 個職位) United Orthopedic Corporation (15 positions) Website : https://www.unitedorthopedic.com/ Job Opportunities 職務需求& Role Responsibilities 職責概述： ■ 製程助理工程師、設備助理工程師/8 人 Process Assistant Engineer, Equipment Assistant Engineer / 8 people ➤ Process Assistant Engineer: Role Responsibilities 製程助理工程師職責： 1. 製程之工、模、夾、治具設計、規劃與改善，執行導量產及量產放行 (精密鍛造、精密脫蠟鑄造、電漿噴塗、真空熱處理...)。Design, planning, and improvement of process tools, molds, fixtures, and jigs; execution of mass production guidance and release (precision forging, precision lost-wax casting, plasma spraying, vacuum heat treatment, etc.). 2. 現場技術支援與指導。On-site technical support and guidance. 3. 生產品質異常處理、分析與改善。Handling, analyzing, and improving production quality anomalies. 4. SOP 製作。SOP creation. 5. 製造成本分析與估算。Manufacturing cost analysis and estimation. 6. 製程持續改善，維護與更新工序、製程等相關資料。Continuous process improvement; maintenance and updating of process and related data. ➤ Equipment Assistant Engineer: Role Responsibilities 設備助理工程師職責： 1. 機械設備之維修與定期保養。Repair and periodic maintenance of mechanical equipment. 2. 進行故障排除、異常分析與追蹤處理。Troubleshooting, anomaly analysis, and follow-up handling.					

	3. 設備異常判斷與問題解決。Equipment anomaly diagnosis and problem solving. 4. 設備維護保養規劃與管理。Equipment maintenance planning and management. ■ 生產部儲備幹部/3 人 Production Department Management Trainee / 3 people. ➤ Role Responsibilities 工作職責： 1. 現場製程學習(機台操作、人工作業)。On-site process learning (machine operation, manual operation). 2. 生產流程與品質控管執行。Production process and quality control execution. 3. 協助人員調度與作業安排及評核。Assist with personnel scheduling, work arrangement, and evaluation. 4. 現場異常處理與回報。Handle and report on-site anomalies. 5. 協助主管進行日常管理作業。Assist supervisors with daily management tasks. 6. 其它主管交辦事項。Other tasks assigned by supervisors (完成培訓後，依能力晉升。Promotion based on ability after completion of training) ■ 品保部儲備幹部/4 人 Quality Assurance Department Management Trainee / 4 people ➤ Role Responsibilities 工作職責： 1. 品質異常原因調查、統計分析與持續改善。Investigate, statistically analyze, and continuously improve the causes of quality anomalies. 2. 品質工程規劃。Quality engineering planning. 3. 量規具設計。Design of gauges and tools. 4. 檢測技術發展。Development of testing technologies.
報名網站 Application Website	報名網站 Application Website： https://eng-web.ksu.edu.tw/DAIOISP/page/62351 https://intactbase.ksu.edu.tw/ksu/apply 
專班聯繫人 Contact	Department: Department of Mechanical Engineering Name: Liu, Chien-Te (劉鑑德) Assistant Professor Tel.: +886-6- 2727175 Ext.265 Email: erica2001years@yahoo.com.tw 單位：機械工程系 姓名：劉鑑德 助理教授 電話：+886-6- 2727175 Ext.265 Email: erica2001years@yahoo.com.tw 



Each Step We Care

More than just restoring patients' lives—it is our unwavering dedication to every single stage of the journey. We deeply understand that every confident step a patient takes in the future depends entirely on every detail we perfect today.

Core Values



Why Choose United?

Founded in 1993, United Orthopedic has dedicated over 30 years to the global artificial hip and knee joint markets. With subsidiaries across the US, Europe, and Australia, we operate as a leading international medical enterprise.

Our Product



United Hip System



U2™ Knee
Total Knee System



USTAR II™
Limb Salvage System

Our Awards

As of 2026, we have achieved a milestone of over 800,000 successful clinical implants worldwide—a testament to our commitment to guiding patients back to a healthy, active life through innovative R&D and manufacturing.



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Notices 其他申請注意事項

- 一、報名時繳交之「畢業證書」及「歷年成績單」，除海外臺灣學校所發者外，應依教育部「大學辦理國外學歷採認辦法」規定辦理。

The diploma and transcript submitted for application review shall first be authenticated in accordance with the rules promulgated by the ROC Ministry of Education, except for diplomas and transcripts issued by overseas Taiwanese or overseas Chinese schools.

- 二、已報名或錄取之學生，如經發現申請資格不符規定或所繳交之證件有變造、偽造、假借、冒用等不實情事者，未入學者即取消錄取資格；已入學者開除學籍，亦不發給任何學歷證明；如將來在本校畢業後始發現者，除勒令繳銷其學位證書外，並公告取消其畢業資格。

Admission shall be denied and / or the student shall be dismissed from KSU after admission if there are any violations of the general academic honor code and / or in the authenticity of the applicant's documents. Those who have graduated shall have their diploma revoked

- 三、115 學年度收費標準 (115 學年標準如下)

Tuition and Miscellaneous Fee Standards for the 2026-2027 Academic Year

(一) 學雜費收費基準 Basis for Tuition and Miscellaneous Fees

新臺幣 NTD / 每學期 Per Semester

適用學生 Applicable Program	系所 Department	學費 Tuition	雜費 Miscellaneous fee	總計 Total
碩士班 Master's Program	機械工程系 Dept. of Mechanical Engineering	38,694 元	13,512 元	52,206 元

(二) 其他收費及住宿費標準如下表(依 115 學年標準)

Please refer to the table below for other fees and accommodation fee standards.

其他費用 Other Fees	費用(新臺幣)/每學期 Fees (NTD) / Per Semester	備註 Remarks
電腦及網路通訊使用費 Computer and Internet Communication Fees	300 元	電腦及網路通訊使用費 Computer and Internet Communication Fees
電腦實習費 Computer Lab Fees	1370 元	電腦實習費 Computer Lab Fees
學生團體保險 Student Group Insurance	560 元	學生團體保險 Student Group Insurance
住宿費 Dormitory	16,100 元~23,000 元 (寒暑假住宿費另計 Accommodation fees for winter and summer vacations are calculated separately.)	套房依房型 2~3 人 Suites: 2-3 people depending on room type

註：宿舍費收費標準公告：總務處/檔案法規/宿舍費收費標準

Note: Dormitory Fee Charging Standards Announcement: General Affairs Office / Archive Regulations / Dormitory Fee Charging Standards

<https://my.ksu.edu.tw/file/web/CHT/DAGA000/de151e46-2469-465b-a2aa-fd5592d55c10.pdf>

四、115 學年度崑山科技大學新型專班學雜費收費概況表

Overview of Tuition and Fee Reductions for the 2026-2027 INTENSE PROGRAM of Kun Shan University

新臺幣 NTD/每學期 per semester

項目 Item	原訂學雜費 Original Tuition (NTD)	政府補助 Government Subsidy (NTD)	學校補助 University Subsidy (NTD)
第一學期(在校) First Semester (On Campus)	52,206	-50,000	-2,206
第二學期(在校) Second Semester (On Campus)	52,206	-50,000	-2,206
第三學期(實習) Third Semester (Internship)	52,206	-50,000	-2,206
第四學期(實習) Fourth Semester (Internship)	52,206	-50,000	-2,206
合計 Total	208,824	-200,000	-8,824

- For the second year, tuition subsidy will be awarded to the best candidates subject to performance review.



五、預估在台支付費用

Estimated expenses in Taiwan (The fee may be subject to change as appropriate.)

項目 Item	費用 Fees
6 個月外國新生醫療保險(註 Note) 6 months New International Students' Medical Insurance(NISMI) (Note) : 依據教育部規定，所有外國新生於符合臺灣全民健康保險（NHI）投保資格前，皆須投保為期六個月之外國學生醫療保險，以保障在臺期間之醫療權益與健康安全。相關保險費用由學生自行負擔。 According to the regulations of the Ministry of Education (MOE), all new international students must enroll in the International Student Medical Insurance program for the first six months before becoming eligible for Taiwan's National Health Insurance (NHI). This requirement is intended to ensure adequate medical coverage during their stay in Taiwan. Students are responsible for the insurance premium.	NTD 3,000
宿舍保證金 Dormitory deposit (It will be returned when student graduates)	NTD 3,000
宿舍房卡押金 Dormitory room card deposit (Return the deposit after receiving the student ID card)	NTD 300
健康檢查 Body Health Check-up	NTD 600 / semester
學生團體保險 Student Group Insurance	NTD 560 / semester
電腦實習費 Computer Lab Usage Fee	NTD 1,370
電腦及網路通訊使用費 Computer and Internet Usage Fee	NTD 300 / semester
外僑居留證 Alien Resident Certificate (ARC)	NTD 1,000 / year
銀行開戶 Bank Account opening (Deposit NT\$1,000, refundable after account activation)	NT\$1,000
全民健康保險 National Health Insurance (NHI) (After six months of continuous residence)	NTD 4,956 / 6 Months

- For more details, please refer to: Kun Shan University - 2027 International Industrial Talents Education Special Program (INTENSE Program) Application Information Spring Program.

更多內容請詳閱：崑山科技大學-2027 國際產業人才教育專班(新型專班)(春季)申請入學招生簡章。