

大同大學 Tatung University (博士班)

學校基本資料	學校代碼	63	聯絡電話	886-2-77364604	傳真	886-2-25855215
	地址	104327台北市中山北路三段40號 No.40, Sec.3, Zhongshan N. Rd., Taipei City 10452, Taiwan, R.O.C				
	網址	中： https://www.ttu.edu.tw/ 英： https://www.ttu.edu.tw/				
	承辦單位	註冊組 Registration Section				
	自招文號	臺教高(四)字第1030011172號				
總計	2 系組 / (聯招：3 人、單招：0 人) 上學年度新生總量 10%之欲使用名額：1 人 班別間流用：0 人 本國學生博士班未招足名額：0 人 教育部核定擴增名額：2 人					
獎學金	有提供僑生專屬獎學金，請逕洽本校教務處(Office of Academic Affairs) 僑生專屬獎學金網址： 中： https://tturule.ttu.edu.tw/rulelist/showcontent.php?rid=908 英： https://tturule.ttu.edu.tw/rulelist/showcontent.php?rid=908					
宿舍	新生保障住宿 Dormitory for freshmen					
備註	<p>本校由林尚志先生創立於1956年，並以工程、設計及商業管理為主要領域。本校與許多公司產學合作密切，為國內知名的建教合一、研究發展的優質大學，學校特色為：1、本校位居臺北市中心，校區緊鄰北美館及花博公園，步行可至民權西路、圓山及中山國小捷運站，生活機能完善，是有志向學者的理想學習環境。2、本校建校60多年來以培養國家發展所需的科學家、設計師、工程師與事業經營者著稱，傑出校友遍佈產官學研各領域。3、辦學績效優異，榮獲教育部高等教育深耕計畫經費補助，各系所皆通過教育部系所評鑑與 IEET 工程教育或設計教育認證，並榮獲德國紅點(Red Dot) 評比為亞太區前10名之優質設計學校、iF設計評比為優質設計學校、Cheers雜誌大學辦學績效調查-本校榮獲辦學績效TOP 20，更多次榮獲中國工程師學會評選為「產學合作績優單位」。4、積極發展與海外姊妹校之雙向交流，並與國內外一流企業進行密切產學交流，培育務實致用人才。5、獎助學金：僑生及港澳學生獎學金、出國獎學金、教育部核發高級中等以上學校清寒僑生助學金、教育部補助大學校院設置研究所優秀僑生獎學金、教育部獎勵海外優秀僑生回國就讀大學校院獎學金、僑務委員會補助僑生工讀金、僑務委員會獎勵學行優良僑生獎學金等。</p> <p>博士班獎助學金：每學期新台幣30,000元。</p> <p>Mr. Shan-Chih Lin(林尚志), founder of Tatung Company, donated 80% of his personal assets to an association to establish Tatung University in 1956.</p> <p>Tatung University (TTU) is a teaching-and research-oriented private university highly recognized for its engineering, design and business management programs. Having developed side by side with Tatung Company, the leading electric and electronic multinational company with annual sales of 10 billion US dollars, TTU has placed a special emphasis on practical and professional learning.</p>					

※承辦人簽章

謝冷慧 886-2-21822928#6054

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TTU is conveniently located in downtown of Taipei City. It can be easily accessed by bus and subway. Also, surrounded by stores, museums and restaurants, TTU members have plenty of opportunities to explore the rich, creative, lively, and colorful aspects of this Asian metropolitan city.

TTU has been working toward its principal mission of educating and training experts and professionals, especially those in the engineering, business management, and industrial design fields, to meet the increasing demands of the society and to satisfy the needs of economic, social, cultural, and other human developments.

《Honor》

1. 2018~2022 “Program for Higher Education Sprout Project,” awarded by Ministry of Education.
2. College of Design ranked #10 in the Red Dot Design Ranking in Asia Pacific Universities.
3. "Excellence in Industrial-Academic Cooperation" awarded by Chinese Institute of Engineers for many times.
4. All Engineering and Design Departments are accredited by Institute of Engineering Education, Taiwan, R.O.C.(IEET)
5. 2013~2017 “Program for Promoting Teaching Excellence Universities,” awarded by Ministry of Education.
6. Top 20 Best Performing Universities in Taiwan by Cheers Magazine.

*Instruction in this university is mainly given in Mandarin Chinese; a few courses are taught in English.

Student Scholarship/Financial Aid for Ph.D. Program : NT\$30,000 per semester.

大同大學 設計科學研究所

建築與設計學群、管理學群

是否經教育部查核被列為持續列管或不通過：通過

師資質量是否達「專科以上學校總量發展規模與資源條件標準」附表五所定基準：已達所定基準

年齡限制：不限 性別限制：不限

全英語授課：否

Tatung University, Graduate Institute of Design Science

Architecture and Design Group. Management Group.

Birth Date Limit: No Gender Limit: No

Courses Conducted in English: No

系所代碼	聯招名額	是否單招
66310	1	是
系所簡介		

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確認碼：607ffad957f0c6f591a97dd46c62115b

本所師資共有專任及合聘教授等20餘位，榮譽教授1位，多位知名講座教授，提供多元專長與學術指導。本所除積極參與各研究機構相關之基礎及應用計畫外，並分別與大同公司集團等單位加強建教合作，藉更多的實務設計研發，達到相關人力資源與設備有效之整合。為強化科技整合，提升研究水準，本所以設計為中心，規劃5大發展方向，分別為「設計與意象傳達」、「認知設計人因」、「設計策略管理」、「互動媒體與空間設計」、「互動設計技術整合」。並由各研究室依擬定之中長程計畫，推動各研究領域整合工作，提升研究品質。同時鼓勵師生投入多方來源之研究，承接大同集團、國科會、交通部等各研究機構或產業界委託之研究計畫，以致力研究領域之擴大級水準之提升。並透過完善產學合作制度，累積學術研究成果與商品研發實務經驗，使本所成為培育高級設計研發人才之搖籃。

本校在長達四十多年的設計教育實踐中，已建立完整設計教育體系，與國外許多設計教育學校，如日本京都工藝纖維大學、千葉大學、長岡造形大學、美國奧勒岡大學、德國斯圖加特應用科技大學及英國布魯內爾大學等校，進行實質國際交流。

為更能與世界接軌，本所更透過設計科學講座，交換教授及博士班學生等方案與國外學校或設計單位密切交流，以達到教育資源分享及開拓師生國際視野，提升設計能力等目標。畢業規定學分: 31學分。聯絡電話:886-2-21822928#6232

The Graduate Institute of Design Science offers doctoral degree with the specific goal of increasing the leaders of next generation with ability not only in developing creative, comprehensive, and scientific design of solutions to solving the complex problems, but also creating a better world for human beings. Our program is designed to develop outstanding scholars for careers in research and teaching at leading academic institutions throughout the world. If you are prepared to embark on a challenging, focused, and meaningful experience, we invite you to explore the possibilities in our PhD Program. Primary Research Areas : Design and Image Communication/Ergonomics of Design Cognition/Design Strategic and Management/ Interactive Media and Space Design/Technology Integration of Interactive Design/Virtual Reality/Universal Design/Design Culture & History/ Service Design, Marketing and Management. Core Courses:Virtual Reality, Design Image, Perception and Preference Study, Universal Design, Color-design Study, Design Information Management, Cultural Product Creativity, Design Management, Topics on Design Science. Course Requirements: for a PhD. degree of Design: 31 credits of courses. Contact: TEL : +886-2-21822928#6232

個人申請繳交資料說明

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確認碼 : 607ffad957f0c6f591a97dd46c62115b

1. 最高學歷證明(必)：畢業證書/修業證明/離校證明/在學證明。
 2. 碩士班歷年成績單正本(必)：含全校名次及百分比對照表。
 3. 師長推薦函(必)：推薦函兩封。
上傳電子檔方式：學生自行上傳或是學生以email邀請師長上傳。
 4. 其他有利審查之資料(必)：投稿論文、專利得獎作品及其他有助於說明個人能力之資料。
 5. 學術著作(必)：碩士畢業論文或有關著作及研究計畫。
1. Proof of highest education degree(required) : Graduation certificate/enrollment certificate/leaving certificate/school attendance certificate.
 2. Original copy of the Past years' Master' s program transcripts annual transcript(required) : including ranking and percentage.
 3. Recommendation letter(s) from teachers(required) : Two recommendation letters.
Upload File Method : Students upload file by themselves or invite teachers to upload with email
 4. Other documents that may benefit the review procedures(required) : Submission of papers, patent winning entries and other information that facilitates the presentation.
 5. Academic publications(required) : Master's thesis or related work and research program.

大同大學 重點產業系所 機械與材料工程學系

工程學群

是否經教育部查核被列為持續列管或不通過：通過

師資質量是否達「專科以上學校總量發展規模與資源條件標準」附表五所定基準：已達所定基準

年齡限制：不限 性別限制：不限

全英語授課：否

Tatung University, Department of Mechanical and Materials Engineering
Engineering Group.

Birth Date Limit: No Gender Limit: No

Courses Conducted in English: No

系所代碼	聯招名額	是否單招
66311	2	是
系所簡介		

本系於2021年由機械工程學系與材料工程學系合併，設立大學部、碩士班及博士班。以培育具國際視野、主動創新、務實致用之機械與材料工程專業人才，注重動手實作、跨域學習與團隊合作，鼓勵學生參與專題研究與產學合作。

研究領域：

- 1.熱流能源領域：燃料電池能源系統、熱傳模擬分析、奈米流體力學、電子構裝散熱等。
- 2.製造設計領域：微機電元件設計、微流體晶片、薄膜機械性質、節能設計、工程最佳化、超聲波之理論與應用等。
- 3.機電控制領域：機構設計與控制、自動化系統設計、智慧機電控制、智慧型機器人等。
- 4.基礎材料製造及應用: 金屬材料製造及改質、陶瓷材料製造及特性分析、高分子材料製造及應用、複合材料開發。
- 5.功能性材料:生醫材料、奈米材料、電池材料、半導體材料及能源材料等。

Department of Mechanical and Materials Engineering was merged from Department of Mechanical Engineering and Department of Materials Engineering in 2021. Rapid development of technology increases the demand of professional services. Engineers with advanced skills are highly demanded in job market. In accordance with the trend, Tatung MME offers the B.S. degree for students with fundamental and advanced skills and knowledge based on learning-by-doing instruction. In this program, students will learn to design machines from components as well as to integrate different system into a production line. Meanwhile, the performance of the machine depends on the materials properties. The cultivation of materials science knowledge such as metals, ceramics, polymers and composites will enhance the product performance. The hands-on philosophy is emphasized throughout the program.

The graduate program offers degree leading to either M.S. or Ph.D., providing students with advanced courseworks, in-depth training and research.

Primary Research Areas:

1. Energy and Thermo-Fluid Systems--Fuel Cell, Micro-fluidics, Nano-fluidics, Electronic Cooling.
2. Design and Manufacturing--Micro-Electro-Mechanical Systems, Transparent Conductive Films, Thin Film Mechanics, Engineering Optimization, Ultrasonic Device, Sensor .
3. Control Systems--Machine Design and Control, Automation System Design, Intelligent Mechatronics and Control, Intelligent Robot.
4. Metals, ceramics, polymers, composites, electronic materials, nanomaterials, energy storage materials, and biomedicine materials.

個人申請繳交資料說明

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3. 師長推薦函(必)：推薦函兩封。
上傳電子檔方式：學生自行上傳或是學生以email邀請師長上傳。
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5. 學術著作(必)：碩士畢業論文或有關著作及研究計畫。

1. Proof of highest education degree(required) : Graduation certificate/enrollment certificate/leaving certificate/school attendance certificate.
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Upload File Method : Students upload file by themselves or invite teachers to upload with email
4. Other documents that may benefit the review procedures(required) : Papers, patents or other materials that are helpful for admission.
5. Academic publications(required) : Master's thesis or related works.