

SIIT 碩士雙聯學位說明書

本系近年來深耕與東協國家的教育合作交流，雙方有多次師生互訪的交流行程，特別是與泰國學術機構的交流，本系與泰國泰國法政大學 SIIT 學院 (Sirindhorn International Institute of Technology, SIIT)於 2024 年簽訂碩士雙聯學位，學生修滿兩校畢業所需學分與完成論文後，即可取得東海大學與泰國 SIIT 兩校正式碩士學位。

泰國 SIIT 是日本 Japan Federation of Economic Organizations，泰國 Federation of Thai Industries，與泰國法政大學合作設立於法政大學的自主學院。學生來自全球，以英文為教學語言。

■ SIIT 碩士雙聯學位學程

本學程是針對工工系碩士班學生而規劃，學生碩一在台灣東海大學修課；碩二在泰國 SIIT 進行研究。碩士學位考試委員會將由 SIIT 與東海大學口試委員共同組成，以進行碩士學位考試。完成雙聯學位要求的同學將獲得東海大學與泰國 SIIT 兩校碩士學位。

■ 申請條件

Applicants must meet one of the following:

- Top 20% class rank or a cumulative GPA of at least 2.75 for a bachelor's degree.
- A published research article or one accepted for publication.
- Research or work experience.
- Qualifications specified by the SIIT Executive Committee.

■ SIIT 甄審所需文件 (英文版) (系所審核通過後再上 SIIT 網站線上申請上傳)

1. Statement of Purpose (at least one page)
2. Two Letters of Recommendation (one from an academic/thesis advisor)
3. Curriculum Vitae (CV) / Resume
4. Bachelor's Degree Transcript
5. Certificate of English Proficiency

IELTS	4.5+	TOEIC	500+
TOEFL (CBT)	97+	TU-GET (PB)	400+
TOEFL (iBT)	32+	TU-GET (CBT)	32+
TOEFL (PBT)	400+		
SIIT EPT	65+		

6. Citizen ID Card/Passport
7. Recent Photograph (1x1.5 inches, jpeg format)

■ 費用說明

1. Students will pay tuition and all fees only at home institutions.
繳交東海大學的學費
2. Students will bear the cost of travel to and from THU/SIIT, accommodation, food, and other living expenses during their study at SIIT and THU. The students shall purchase health insurance as required by the host institution. It is the students' responsibility to pay for the cost of any health insurance required, as well as any medical expenses not covered by such insurance.
自付機票、住宿、飲食與其他在 SIIT 就學期間的生活費、醫療保險與相關的醫療就醫費用

■ 申請截止日

For semester 1 (August intake): within June.

For semester 2 (January intake): within November.

SIIT 學期分為 1 月份與 8 月份入學，依據雙聯學位合約，如規劃 1 月份入學，原則上須於 11 月之前須提出申請，由於取得入學許可後需辦簽證等，建議提早作業，以免補件耽誤入學時間。有興趣申請的同學請先於 2024/09/30 之前備妥 1. 大學歷年英文成績單(含排名)2.英文檢定證明，向工工系提出申請，審核通過後，由本系推薦給 SIIT。

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■ 抵免課程對照表

Requirement at SIIT	SIIT	THU
Group 1: Compulsory course (3 equated subjects)	1. SE 601 Smart logistics and supply chain system 2. SE 602 Production logistics 3. ES 810 Research methods and communications	1. GE 6201 Electronic business and supply chain management 2. IP 6204 Manufacturing control and execution systems (required) 3. GR 6102 Research methods and thesis writing (required)
	9 credits	9 credits
Group 2: Compulsory elective (1 equated subject)	1. SE 600 Decision making and optimization	1. GE 7104 Decision making method
	3 credits	3 credits
Group 3: Technical electives (7 equated subjects) For SIIT students (Plan A: Thesis + any 4 subjects from Groups 3 and 4) (Plan B: IS + any 6 subjects from Groups 3 and 4) For THU students (Thesis + 7 subjects from Groups 3 and 4) Note: At least 3 subjects from 7 subjects must be selected from equated courses in Group 3.	1. SE 616 Design of experiments in supply chain systems 2. SE 634 Artificial intelligence and data analytics in supply chain systems 3. SE 635 Business intelligence 4. SE 610 Simulation modelling and analysis in supply chain 5. SE 617 Accounting and financial management for logistics and supply chain systems 6. SE 615 Operations scheduling 7. SE 611 Procurement logistics	1. GR 6101 Experimental design and statistics analysis (required) 2. GE 6102 Introduction to data science and artificial intelligence (required) 3. Data visualization analysis and machine learning 4. GE 7203 Advanced systems simulation 5. IM 6501 Business finance 6. IP 6101 Innovation design, development and intelligent production scheduling 7. IP 7003 Enterprise resource planning
	18 credits	18 credits
Group 4: Additional non-equated courses	1. SE 630 Special topics in logistics and supply chain systems I 2. SE 631 Special topics in logistics and supply chain systems II	1. IM 7401 Knowledge management (required, either) 2. IM 7201 Advanced business strategy (required, either)

	3. SE 632 Current topics in logistics and supply chain systems I 4. SE 633 Current topics in logistics and supply chain systems II 5. SE 613 Transportation systems design and analysis 6. SE 614 Warehouse design and operations	3. IM6101 Advanced production management 4. IP 6202 Computer-aided manufacturing 5. IP 7001 Manufacturing planning and control systems 6. IM 7102 Lean enterprise system engineering
Thesis or IS	12 Thesis credits or 6 IS credits	6 Thesis credits
Total	36 credits	39 credits

Notes:

1. Credits will be counted once only, though a student may take both the course in his/her institute and the mapping course in the other institute.
2. When studying at THU, based on the fulfillment of the course requirements of SIIT, the students can take graduate-level courses offered by the department as additional courses.
3. When studying at THU, based on the fulfillment of the course requirements of SIIT, the students are allowed to take two courses from other programs in THU based on the permission of the advisors in SIIT and THU.