



INTENSE Program-
International Industrial Talents Education Special Program

Master's Program in DIGITAL INNOVATION INFORMATION TECHNOLOGY

1+1+2

- 1.5 Year of Specialized Study
- 0.5 Year of Corporate Internship
- 2 Years of Guaranteed Employment in Taiwan

Partnering with Lion Tech to Cultivate Information Technology Industry Elites

PROGRAM OVERVIEW

To deepen and expand the cultivation of interdisciplinary innovation and software development talent, this program continues its core focus on "Smart Business" development by collaborating with Lion Travel Group, a renowned Taiwanese enterprise, to establish a 2+2 industry-academia master's program. Students in this program will have the opportunity to undertake industry internships at Lion Tech during the second semester of their second year. Through practical experience, students can enhance their professional skills while preparing to meet the future talent demands of the information technology industry.

- **Degree:** Master of Science in Engineering (M.S.)
- **Language of Instruction:** Mandarin Chinese
- **Enrollment:** 20 students
- **Duration:** Two-year master's program (1.5 year of on-campus courses, 0.5 year of full-time internship)
- **Career Path:** Graduates are guaranteed two years of employment in Taiwan
- **Partner Company:** LION TECHNOLOGY CO., LTD.

APPLICATION REQUIREMENTS

- ✓ **Language Proficiency:**
 - TOCFL Level 2 (equivalent to CEFR A2) in listening and reading at entry
 - Must achieve TOCFL Level B1 (equivalent to CEFR B1) by the second year
- ✓ **Professional Background:**
 - Backgrounds in Information Technology, AI Applications, or other related fields such as Computer Science and Information Management.

SCHOLARSHIPS AND STIPENDS



Scholarships

- Tuition and fees reduced by NTD 50,000 per semester
- Second-year tuition reduction awarded based on academic performance
- Coverage of airfare to Taiwan, visa, and document verification fees (※ only for graduates of universities outside Taiwan)



Corporate Stipends

- **Year 1: Monthly living allowance of NT\$10,000**
- **Year 2: Monthly internship allowance of NT\$30,000**



Employment Guarantee

- Guaranteed employment opportunities in Taiwan upon graduation
- Must fulfill a minimum of 2 years of employment with LION TECHNOLOGY CO., LTD.

※ Recipients of scholarships and grants who withdraw from the program or fail to fulfill the employment obligation must return the funds.

TUITION AND FEES

- ✓ **Tuition fees(per semester, NTD\$)**
 - International students: NT\$68,000
 - Overseas Chinese students: NT\$57,000
- ✓ **Other fees (per semester, NTD\$)**
 - Student Accident Insurance: NTD 235
 - National Health Insurance (NHI): NTD 4,956 (calculated as 6 months per semester)
 - Computer and Network Usage Fee: NTD 550
 - Accommodation: NTD 10,200 - NTD 41,300 (on-campus dormitory)

GET IN TOUCH

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LION TECHNOLOGY CO., LTD.



- LionTech provides paid internship opportunities during the second year of the program.
- Upon program completion, students are required to work at LionTech for a minimum period of two years.
- Throughout the four-year program, students will receive mentorship and support from Tunghai University.

CURRICULUM PLAN

Total of 32 credits required for graduation.

✔ Required Courses : 18 Credits

- User Experience Design (3)
- Internship in Industry(9)
- Professional Practice Report(6)

✔ Required Elective Courses : 6 Credits

(choose 2 out of 3)

- Advanced Database Systems (3)
- Web Services Technologies and Applications (3)
- Mobile Application Development (3)

✔ Elective Courses : 6 Credits

(choose 2 out of 3)

- Big Data and Digital Innovation Project(3)
- Prompt Engineering in AI (3)
- Software Engineering and Project Management (3)
- Practical Applications of Generative AI (3)
- Artificial Intelligence and Digital Innovation Projects (3)

(The courses offered based on the demand of the academic year)



PROSPECTIVE POSITIONS

✔ Software Engineer

- Assist and manage the development and maintenance of front-end web architecture (Web, Mobile) and back-end production and sales processes across the entire group.

✔ Data Science Engineer

- Optimize, maintain, and develop new API functionalities.
- Support the development and maintenance of web scraping programs.
- Plan, develop, and maintain data ETL (Extract, Transform, Load) processes.

CHINESE LANGUAGE SUPPORT

- 4 hours of free intensive Chinese language courses per week to help students reach TOCFL Level B1 in the second year.
- Offer "Engineering Chinese" courses related to the field of Information Technology to improve language proficiency in the professional field.
- Offering "Diverse Study Buddy Programs" pairing local students to provide after-class Mandarin tutoring and exchange opportunities.



APPLY NOW



2025 INTENSE Program