

International Doctoral Program in Integrative STEM Education	
Degree	Doctorate
Enrollment Semesters	2022 Fall
Division	
Language of Instruction	Program taught in English
Admission Evaluation	Document Review
	Interview: In-person / Video-conferencing interview will be arranged.
	Weighted Score: Document Review: 30% Interview: 70%
Required Qualification	Priority Enrollment Order for Examinees with the Same Score: First Priority: Interview. Second Priority: Document Review.
Language Proficiency	Chinese Language Proficiency: Not Required English Language Proficiency (Provide one of the following English score reports): TOEFL iBT - 72 IELTS - 5.5 TOEIC - 785 or any other English Proficiency Certificate with a score equivalent to above items Not required for applicants from English-speaking countries (proof required). Not required for applicants whose previous degree is from English-speaking countries (proof required).
Application Documents	Signed application form
	Two-inch passport photo
	Receipt or proof of application fee or a U.S. dollar wire transfer
	Passport/Identification and R.O.C. Alien Resident Certificate (ARC) for those holding one
	An official financial statement
	Diploma of the highest academic degree
	One translated copy of the applicant's highest diploma in English or Chinese
	One translated copy of the applicant's complete transcripts (for ALL years of study) in English or Chinese
Departmental Requirements	Language proficiency certificate: Please refer to the "Language proficiency".
	One recommendation letter(s)
	Autobiography
	Curriculum vitae
	Study plan
	Master's thesis: may be replaced by other reports and publications
	Academic publications
	Research proposal
	Any document that might be supportive
Notes	
Examination Date and Location	The location and date for Interview of the 2022 Fall Semester will be announced on the website of the department from to Wednesday, January 26, 2022

2021/8/27

AP201 維護招生簡章調查表

Remarks	Admitted students are allowed to defer admission until the next academic year.
Department Information	
Website	https://www.cot.ntnu.edu.tw/
Introduction	<p>The International Doctoral Program in Integrative STEM Education at National Taiwan Normal University is designed to develop future STEM innovative educators, leaders, scholars, and researchers prepared to invent and disseminate new integrative approaches to STEM education. Our focus on creating an industry-based context for integrating STEM knowledge and competency practices uniquely sets us apart from other STEM education programs. Moreover, it aims at cultivating researchers and professionals dedicated to addressing the challenges of providing high quality STEM education to students through a variety of departments in STEM education and innovative methods of delivery, e.g., e-learning, hands-on projects, and keynote speeches from outstanding STEM experts from around the world.</p> <p>※Please refer to the web page below with regard to the tuition fee of our program.</p> <p>http://www.aa.ntnu.edu.tw/en/charges/super_pages.php?ID=0charges104</p>
Features of Curriculum	<p>This program focuses on cultivating high-level research talents in integrative STEM education and the educational objectives are: (1) To develop students' integrative research competency in integrative STEM education according to the needs and development of technological industry; (2) To develop students' professional competency in cultivating STEM innovative talents; (3) To develop students' leadership, innovation, and collaborative problem solving in leading STEM education team. According to previous educational objectives, the program has a comprehensive curriculum in accordance with industrial developments and demands in the field of STEM education. Three program areas of study are provided: STEM Education Pedagogy, STEM Education Seminars, and Technology Industry in STEM Education. It requires a minimum of 18 graduate credit hours in total. Graduates from this program will forge new ground in developing theories, designs, and practical solutions for future generations.</p>
Career Prospects	<p>We have high expectation in our graduates' future development. The Ph.D. degree of International Doctoral Program in Integrative STEM Education is best suited for students who are interested in pursuing the following career pathways: (1) professors in colleges/universities; (2) researchers in academic research institutions; (3) professionals in research department of technological industries; (4) leaders in educational administrative authorities.</p>
Contact Information	Ms Colleen Huang / 886-2-7749-3332 / colleenhuang@ntnu.edu.tw