



# ITU

**International Technological University**

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## **ITU Cooperative Accelerated Master's Degree Model**

(Cooperative 4+1 Master's Degree Model)

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Inter-university cooperation across national boundaries is a cornerstone of academic program development for the 21<sup>st</sup> century, especially in STEM disciplines where technological advancements are developed as quickly as they are adapted in industry.

International Technological University (ITU) is a WASC-accredited, non-profit university in the heart of Silicon Valley, which emphasizes professionally-focused graduate and advanced undergraduate programs in: Business Administration; Computer Science; Electrical, Computer, and Software Engineering; Engineering Management; and Digital Arts. Serving students globally, ITU works in partnership with colleges and universities worldwide that are interested in preparing their undergraduate and post-graduate students for graduate study, particularly at STEM-focused graduate schools in Silicon Valley, such as ITU.

The faculty at ITU have been working to simplify the options for necessary preparatory coursework for students at partner undergraduate universities to enter into ITU's seven master's degree programs. The faculty have identified a small number of beginning-level master's degree courses, which students could take at their home university prior to completing a one-year master's degree program at ITU's Silicon Valley campus.

With cooperating universities, ITU would execute a Memorandum of Understanding (MOU) that specifies approved courses, with specifications that would meet ITU and WSCUC standards:

- Students at cooperating universities may take up to nine credit hours from among the approved courses below at their home universities.
- ITU will supply course learning outcomes, syllabi, and signature assignments (if any).
- Faculty qualifications will be reviewed by ITU.
- Courses must be taught in English.
- These credits, if earned at a grade level of B or better, would be accepted as appropriate transfer credit for ITU master's degrees, as specified below. Equivalency may be determined by a third-party credential evaluator, or via a separate articulation agreement. Grades earned will not affect ITU GPA.

This cooperation would make it possible for students to complete their remaining 27 credit hours at ITU to earn a U.S. master's degree in as little as one year (three trimesters). Note: students must still meet ITU's general admissions requirements in

order to be admitted.

Students can take three courses (respective to their programs, listed in the chart below), as appropriate preparation for a one-year graduate program, including coursework, internship experiences, and capstone or thesis projects, to be completed here at the ITU campus.

DEPARTMENT	COURSES
Computer Science Software Engineering Electrical Engineering Computer Engineering	CSC 512 Data Structures (3 credit hours) IDS 575 Project Management (3 credit hours) BUS 584 Global Entrepreneurship. & Innovation (3 credit hours)
Business Administration Engineering Management	CSC 512 Data Structures (3 credit hours) IDS 575 Project Management (3 credit hours) BUS 584 Global Entrepreneurship. & Innovation (3 credit hours)
Digital Arts	DGA 508 CG Software Fundamentals (3 credit hours) IDS 575 Project Management (3 credit hours) DGA 507 Design Fundamentals (3 credit hours)

It should be noted that IDS 575 Project Management is an interdisciplinary course. Students interested in graduate study in one of ITU seven master's degree programs would tailor their application projects of Project Management to projects related to that field of study, as determined by mutual agreement between the faculty at ITU and the cooperating university.

Through this simplified approach, students at cooperating universities with interests in any of ITU's seven master's degree programs would have three courses to take to prepare for the graduate program of their choice.

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