Code : 25630046000392
Master of Science Program in Digital Technology Management
(หลักสูตรใหม่ พ.ศ. 2563)

Name of the degree

Full : Master of Science (Digital Technology Management)
Abbreviation : M.S. (Digital Technology Management)

Curriculum structure

21359021 Type 2 (Plan A Type A2)

Degree Requirement : a minimum of				36
A. Coursework : a minimum of				24
1. Graduate Courses : a minimum of				24
1.1 Field of specialization : a minimum of				24
1.1.1 Required courses				9
959701	DTM	701	Digital Transformation	3(3-0-6)
959702	DTM	702	Software Project Management and Change Management	3(3-0-6)
959790	DTM	790	Research Methodology in Digital Technology Management	3(3-0-6)
1.1.2 Elective courses : a minimum of				15
a. Required Courses				9

By choosing 1 subject group from these 7 subject groups.

Study Area: Modern Management and Information Technology

959711	DTM	711	Introduction to Digital business	3(3-0-6)
959712	DTM	712	Data-Driven Enterprise	3(3-0-6)
959714	DTM	714	Digital Analytics in Digital Business	3(3-0-6)

Study Area: Digital Health

959721	DTM	721	Digital Transformation for Health Industry	3(3-0-6)
959722	DTM	722	Artificial Intelligence for Health Industry	3(3-0-6)
959723	DTM	723	Internet of Things for Health Industry	3(3-0-6)

Study Area: Education Technology

955731	ATGE	731	Design Technology and Educational Innovation Development	3(3-0-6)
955732	ATGE	732	Educational Digital Game	3(3-0-6)
955733	ATGE	733	Virtual World Technology for Educational	3(3-0-6)

Study Area: Cross-Border E-Commerce

959714	DTM	714	Digital Analytics in Digital Business	3(3-0-6)
959731	DTM	731	Cross-Border Electronic Commerce	3(3-0-6)
959732	DTM	732	Business Startup for Chinese-Thai Cross-Border E-Commerce	3(3-0-6)

Study Area: Digital Game

959741	DTM	741	Educational Game Design	3(3-0-6)
959742	DTM	742	Game Theory for Artificial Intelligence	3(3-0-6)
959743	DTM	743	User Experience Research for Digital Games	3(3-0-6)
959744	DTM	744	Mixed Reality and Virtual World	3(3-0-6)

Study Area: Animation and Visual Effect

959745	DTM	745	Aesthetics, Theory and Practice in Animation and Visual Effects	3(3-0-6)
959746	DTM	746	Situating Practice Professionalism Skills in Animation and Visual Effects	3(3-0-6)
959747	DTM	747	Efficiency Enhancement of Animation and Visual Effects Production	3(3-0-6)

Study Area: Tourism Technology

959713	DTM	713	Artificial Intelligence in Digital Business	3(3-0-6)
959715	DTM	715	Tourism Informatics	3(3-0-6)
959716	DTM	716	Application Technology in MICE Industry	3(3-0-6)

b. Elective Courses : a minimum of   **6**

By choosing from these courses or other courses Approved by the Graduate Studies Committee for the field of study.

955731	ATGE	731	Design Technology and Educational Innovation Development	3(3-0-6)
955732	ATGE	732	Educational Digital Game	3(3-0-6)
955733	ATGE	733	Virtual World Technology for Educational	3(3-0-6)
959703	DTM	703	Usability of Digital Technology	3(3-0-6)
959711	DTM	711	Introduction to Digital business	3(3-0-6)
959712	DTM	712	Data-Driven Enterprise	3(3-0-6)
959713	DTM	713	Artificial Intelligence in Digital Business	3(3-0-6)
959714	DTM	714	Digital Analytics in Digital Business	3(3-0-6)
959715	DTM	715	Tourism Informatics	3(3-0-6)
959716	DTM	716	Application Technology in MICE Industry	3(3-0-6)
959721	DTM	721	Digital Transformation for Health Industry	3(3-0-6)
959722	DTM	722	Artificial Intelligence for Health Industry	3(3-0-6)
959723	DTM	723	Internet of Things for Health Industry	3(3-0-6)
959731	DTM	731	Cross-Border Electronic Commerce	3(3-0-6)
959732	DTM	732	Business Startup for Chinese-Thai Cross-Border E-Commerce	3(3-0-6)
959741	DTM	741	Educational Game Design	3(3-0-6)
959742	DTM	742	Game Theory for Artificial Intelligence	3(3-0-6)
959743	DTM	743	User Experience Research for Digital Games	3(3-0-6)
959744	DTM	744	Mixed Reality and Virtual World	3(3-0-6)
959745	DTM	745	Aesthetics, Theory and Practice in Animation and Visual Effects	3(3-0-6)
959746	DTM	746	Situating Practice Professionalism Skills in Animation and Visual Effects	3(3-0-6)
959747	DTM	747	Efficiency Enhancement of Animation and Visual Effects Production	3(3-0-6)
959771	DTM	771	Customer Centric Digital Transformation	3(3-0-6)
959772	DTM	772	Smart Logistics in Digital Business	3(3-0-6)
959773	DTM	773	Simulation-Based case Studies in Logistics	3(2-2-5)
959774	DTM	774	Digital Infrastructure	3(3-0-6)
959775	DTM	775	Digital Solution	3(3-0-6)
959776	DTM	776	Digital Process	3(3-0-6)
959777	DTM	777	Internet of Things in Digital Business	3(3-0-6)

959778	DTM	778	Innovative Thinking in Digital Business	3(3-0-6)
959779	DTM	779	Digital Innovation in Education	3(3-0-6)
959789	DTM	789	Selected Topics in Digital Technology Management	3(3-0-6)
959795	DTM	795	Pre-Research	3(3-0-6)

1.2 Other courses

The student may enroll other graduate courses(s) under the agreement of the advisor.

2. Advanced Undergraduate Courses

In case the student lacks some basic knowledge which is necessary for education, the student must enrol some advanced undergraduate courses(s) under the recommendation of program administrative committee.

B. Thesis   12

959799	DTM	799	Master's Thesis	12

C. Non-credit Courses

1. Graduate School requirement : a foreign language

2. Program requirement - none –

D. Academic Activities

1. A student has to organize seminar and present paper on the topic related to his/her thesis for 1 time(s) in every semester for at least 2 semesters and students have to attend seminar every semester that the course is offered.

2. At least 1 master's thesis work or a part of master's thesis work must be published or at least accepted to publish in a national journal listed in TCI Tier 1 database or full paper publication in an international conference proceedings accepted by the field of study or have patent. Publication of thesis work must specify student as the first author.

Study plan

21359021 Type 2 (Plan A Type A2)

First Year

			First Semester	Credits
959701	DTM	701	Digital Transformation	3
959702	DTM	702	Software Project Management and Change Management	3
			Elective courses	3
			Elective courses	3
			Basic adjustment activities , For students who do not have basic information technology	-
			Total	12

			Second Semester	Credits
959790	DTM	790	Research Methodology in Digital Technology Management	3
			Elective courses	3
			Elective courses	3
			Elective courses	3
			Organize seminar/ Attend seminar/present paper	-
			Pass - a foreign language	-

					Total	12

Second Year

959799	DTM	799	**First Semester** Master's Thesis		**Credits** 9
			Present thesis proposal		-
			Organize seminar/ Attend seminar/present paper		-
				Total	9

959799	DTM	799	**Second Semester** Master's Thesis		**Credits** 3
			Thesis defense		-
				Total	3