

Pre-approved courses at universities abroad in 2017

- The purpose of this document is to give an idea of which courses it is possible to take, when studying abroad.
- Please note that we cannot guarantee that your courses will be approved as listed. Each application for approval must be documented as described in the Study Guide, and each application will be assessed individually.
- Please also note that the courses are not always listed so that the course at the host university is equivalent to the ITU course regarding ECTS weight. Therefore you might need to apply for more courses to cover an ITU course.
- You may also refer to previous years *“Pre-approved courses at universities abroad in 201X”* as an aid, but please keep the abovementioned information in mind.
- Data Science is not listed because no pre-approvals has been given to universities abroad.

GBI

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Elective		Organisational Behaviour – Human Ressource Management	6	Vrije, Amsterdam, Holland Universitet
		Information systems in e-business and online commerce	6	
Elective		E-business in the Digital Age	7.5	London School of Economics and Political Science
Elective		Computers As An Analysis Tool	7.5	Singapore Management University
		Data Management	7.5	
		Geospatial Analytics for Business Intelligence	7.5	
		Social Analytics and Application	7.5	
		Marketing	7.5	
IT-enabled Supply Chain Management	7.5	Global Supply Chains	7.5	
IT, Globalization and Culture	15	Business Capstone (1st part of course) + Secondary part of course (unknown)	7.5 + 7.5	
		International Business + International Macroeconomics	7.5 + 7.5	
Enterprise Systems & Management	15	Data Mining & Business Analytics	7.5	
		Marketing	7.5	
Business Foundations	7.5	International Business	7.5	
Organization & Proccess Theory	7.5	Business Negotiation & Conflict Management	7.5	
Enterprise Systems & Information Management	15	Managerial Accounting	6	Hanyang University, Seoul, South Korea
		Introduction to Business Data	6	

Business Foundations	7.5	International Business	6
		Business Communication Strategy	6
Organisation & Process Theory	7.5	Organizational Behavior	6

DMD

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Qualitative Research Methods and Academic Communication	15	History & Theory of Graphic Design 3	15	Cape Peninsula University of Technology, Cape town, South Africa
Elective		Communication Design 3	7.5	
		Professional Graphic Design Practice 3	7.5	
		Design Techniques 3		
		Graphic Design Drawing 3		
Elective		Brand Design 4	6	Hanyang University (ERICA), Ansan, South Korea.
		GUI Communication Design 1	6	
		Storytelling and content design	6	
		Basic 3D Design	6	
		Digital Typography 2	6	
		History of industrial design**	6	
		Lightning Design**	6	
Qualitative Research Methods and Academic Communication	15	Media Anthropology	6	
		English Composition	6	
Elective		Postproduction and composing	4.5	Upper Austria University of Applied Sciences, Hagenberg (Linz), Austria.
		Stop motion animation	4.5	
		Digital Imaging	4.5	
		Web Applications	4.5	
		Fundamentals of Information Technology	1.0	
		Fundamentals of Information Technology	2.0	
		Mathematics 1	1.0	
		Mathematics 1	2.0	
		Game And and Design	3.0	
		Audio Practice	3.0	

		Video Practice	3.0	
		Introduction to Software Development	1.0	
		Introduction to Software Development	2.0	
		Hypermedia 1	1.0	
		Hypermedia 1	2.0	
		Digital Media Technologies 1	1.0	
		Digital Media Technologies 1	2.0	
		Visual Concepts and Design	3.0	
		Generative and Interactive Arts	4.0	
		Special Topic in Digital Arts	4.5	
		Art Theory and Culture	3.0	
		Media analysis and Criticism	3.0	
Qualitative Research Methods and Academic Communication	15	Academic Communication	3	
		Project 3	8.5	
		individual Project	3.5	
Elective		Corporate Entrepreneurship & Innovation	7.5	Singapore Management University, Singapore.
		Managing in a Volatile, Uncertain, Complex and Ambiguous Context	7.5	
		The Communication and Digital Media Industries	7.5	
		Intercultural communication	7.5	
		Understanding Societies	7.5	
		Project Management	7.5	
		Technology and World Change	7.5	
		Design Thinking and Innovation	7.5	
		Creative Thinking	3.75	
		Analytical Skills	7.5	
		Entrepreneurship and Business Creation	7.5	
		Research Methods in Sociology and Political Science	7.5	
		Design Thinking and Innovation	7.5	
		Creative Thinking	3.75	
		The Communication and Digital Media Industries	7.5	
Qualitative Methods and Academic Communication	15	Research Methods in Sociology and Political Science	7.5	
		Analytical Skills (Still missing 3.75 in communication)	3.75	

Elective		Interactive Media	7.5	University of Technology Sydney, Australia
		Innovation and Entrepreneurship	7.5	
Qualitative Research Methods and Academic Communication	15	Individual Project	7.5	
		Communication for IT Professionals	7.5	
E-business and Entrepreneurship	7.5	Innovation and entrepreneurship	7.5	
Sustainable Futures	7.5	Interrogating Technology: Sustainability, Environment and Social Change	7.5	
Elective		Fundamentals of Marketing	7.5	Swinburne University of Technology, Melbourne
		Innovative Business Practice	7.5	
		Introduction to Management	7.5	
Qualitative Research Methods and Academic Communication	15	Applied Social Research	15	
		Research Methods (7.5) combined with either Research Skills Project (7.5) or Academic Literacy (7.5)	15	
Philosophy of Science	7.5	Technologies of Representation	7.5	
Concept Development	15.0	Designing for the internet	7.5	
		Principles of Interaction Design	7.5	
Locative Media	7.5	Interactive Narrative	7.5	
Elective		Principles of Visual Design	7.5	
		Graphic and Visual Design	7.5	
		Experimental Digital Art	7.5	
		Intro-Cognitive Science	7.5	
		Design of Online Communication	7.5	
		Computing & Society	7.5	
		Emerging Technologies	7.5	
		Educational Techonology	7.5	
		Robots and Society	7.5	
		Sci, Tech & Ideology	7.5	
Global Issues & Leadership	7.5			
Elective		Business Computing 1	7.5	RMIT University, Vietnam
		Creativity, Innovation and Design	7.5	
		Digital Business Design and Innovation	7.5	

SWU

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Introduction to Database Design	7.5	INFS601 Logical Database Design	7.5	Auckland University of Technology, New Zealand
Analysis, Design and Software Architecture	15.0	31260 Program Design and Construction	7.5	
		INFS600 Data and Process Modelling (7,5 ECTS)	7.5	
Elective		716288 Computer Graphics	7.5	
Mobile and Distributed Systems	7.5	Distributed & Mobile Systems	7.5	

DDK

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Elective		Advertising Theory and Practice	7.5	Royal Melbourne Institute of Technology, Australia
		Corporate Writing and Editing	7.5	
		Creative Advertising Campaigns	15.0	
		Advertising Strategy	15.0	
		Strategic communication Management	15.0	
		Animated Narrative	7.5	
		Managing Advertising: Agency and Client Approaches	7.5	
		Media Planning	7.5	
		Designing with Data	7.5	
		Design Innovation and Technology Research Studio	15.0	
		Design Innovation and Technology Studio 2	15.0	
		Fleksibel modelling for Design and Prototyping	7.5	
		Global Communication Design	7.5	
Global IT	7.5	Global communication in a Digital Age (1st half of ECTS)	15.0	Royal Melbourne Institute of Technology, Australia
Specialization	15	Global communication in a Digital Age (2nd half of ECTS)	15.0	
		Contemporary Media Work Practice	7.5	
Elective		Co-Creative Media: Digital Storytelling	7.5	QUT, Australia
		Trends in New Media	7.5	
		International Crisis Management	7.5	
		Telling Stories: Narrative in Creative Industries	7.5	
		Digital Strategy	7.5	
Specialization	12.5	Embodied Interactions	7.5	QUT, Australia
		Integrated Experience Design	7.5	
		Telling Stories: Narrative in Creative Industries	7.5	
		Digital Writing: Words under Glass	7.5	
Specialization	15	Wise leadership	7.5	QUT, Australia

		Leadership theory and practice	7.5	
Specialization	15	Advertising Creative: The Brief	7.5	
		Advertising Creative: Copywriting and Art Direction	7.5	
		Advertising Creative: Concept to Campaign	7.5	
Global IT	7.5	Global Media Cultures	7.5	Xi'an Jiaotong /Liverpool University, China
Elective		Advanced Design Visualization	7.5	
		Framing Design Research	7.5	
		Digital Ethics	7.5	
		methods for Transdisciplinary Design	7.5	
Specialization	7.5	Place Making and Urban Design	7.5	
Elective		Storytelling	3.0	Aalto University, Helsinki, Finland.
		Digital media I	3.0	
Elective	7.5	Programming for Artists	3.0	
Specialization	12.5	Media Management	6.0	
		Digital Marketing	6.0	
Specialization	12.5	Introduction to Media Art and Culture	3.0	
		Campaign Design	3.0	
		Informations Design	3.0	
Elective		Cultural Analytics: Data Mining of Cultural Copora	5.0	Utrecht University, Holland.
		Speech production & perception	5.0	
		Public Science Communication with Multi Media	3.75	
		Digital Methods in Linguistics	5.0	
Specialization	15	Media Materialities	5.0	
		Communication, Diversity and Organization	5.0	
		Intercultural consultancy	5.0	
Elective		Digital Methods	6.0	University of Amsterdam, Holland
Elective		Innovation and Future Thinking	5.0	IED Barcelona, Spain
Elective		Concept, Character and Storyboard Development	6.0	New York Institute of Technology, US
		Computer Programming I	6.0	
Specialization	12.5	Design for Web	6.0	
		Illustration	6.0	

Global IT	7.5	International Dimensions of Organizational Behavior	3.0
		Business Enterprise Environment	3.0

DIM

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Reassembling Innovation	7.5	Software Project Management		School of Software Engineering, Beijing Jiao Tong University, China
Digital Change Management	7.5	Software Requirement Engineering		
Specialization	22.5	Software Process Management		
		Software Metrics		
Elective		Technologies Management	3	Montpellier Université, France
		Information Systems	3	
		Business Game	3	
		International Strategy	3	
		International Marketing	6	
Specialization	22.5	Organization Theory	3	
		Enterprise Finance	3	
		International Human resource	3	
		Innovation Management	6	
Specialization		Prozessmanagement" (English: Process management)	6	
		Scrum-in-Practice	6	
Elective		Advanced Topics in Knowledge Management and Discovery KMD	6	
		Distributed Data Management	6	
		Recommender Systems: Methods and Applications	6	
		Start-up-Engineering II	6	
Digital Management, Governance and Accountability	7.5	Management of Global Large IT Systems in International Companies,	6	
Reassembling Innovation	7.5	Individual and Group Behaviours for INNOVATION	6	Ca' Foscari University of Venice, Italy
Digital Change Management	7.5	Cultural Planning and Creative Processes	6	
Specialization	22.5	Design and Innovation management 1	6	
		Design and Innovation management 2	6	
		Cross cultural marketing	6	

Reassembling Innovation	15	Work and performance	5	Utrecht University, NL
		Social Innovation	5	
Digital Change Management		Communication and Organization	5	
Specialization	22.5	Intercultural Consultancy	5	
		Digital Methods in Linguistics	5	
		Cultural Analytics	5	
Digital Change Management	7.5	Organisational Change Management, 3,75 ECTS Sustainability and Change, 3,75 ECTS	7.5	Auckland University of Technology, NZ
		Critiquing Creative Organisations, 7.5 ECTS	7.5	
		Digital Strategies, 7.5 ECTS	7.5	
Open Innovation and Design	7.5	Design Innovation , 7.5 ECTS	7.5	
		Social Innovation , 7.5 ECTS	7.5	
		Innovation Management, 7.5 ECT	7.5	
		Information Technology Strategy and Policy, 7.5 ECT	7.5	
Elective		Data Warehousing and Big Data	7.5	
		Intelligent Surveillance	7.5	
		Language, Culture and Communication	7.5	
		ICT Issues in the SME Sector	7.5	
		Design Practice for Health	7.5	
		Critiquing Creative Organisations	7.5	
		Digital Strategies	7.5	
		Information Technology Strategy and Policy	7.5	
Specialization	22.5	Usage Centred Design	7.5	
		Business Analytics	7.5	
Reassembling Innovation	7.5	Information Technology Strategy and Policy	7.5	
		Innovation Management	7.5	
Specialization	22.5	Advanced Project Management	15	
Elective		Business Analysis & Decision Making	7.5	Melbourne University
Elective		Foundations in Development of IT	7.5	Trier University of Applied Sciences
Elective		Business and Mangement Foundations	7.5	Stuttgart Media University
Elective		Business and Mangement Foundations	7.5	Reutlingen University
Reassembling Innovation	7.5	Innovation and Change management	7.5	Victoria University of

Specialization	22.5	Organizational behaviour	7.5	Wellington, NZ
		Stare, Economy, and Society	7.5	
		Process Design	7.5	
Specialization	22.5	IT project management	7.5	Boston Uni, USA
		Project Communication Management	7.5	
Elective		Project Management	7.5	
Specialization	22.5	IT project management	7.5	
		Data Analysis and Operation Management	7.5	
Reassembling Innovation	7.5	Planning and Operating New Ventures	7.5	
	7.5	Project Communication Management	7.5	
Digital Change Management	7.5	Program Management	7.5	
Digital Change Management or Open Innovation and Design	7.5	Strategic Project Management	7.5	San Diego State University, USA
		Information Systems and Strategies in Organizations	7.5	
Elective		ORG BEHAVIOUR & LEADERSHIP SEM BUS ETH & SOC INST LEADERSHIP	10	
Digital Management, Governance and Accountability	7.5	Seminar/World Business Environment	10	
Reassembling Innovation	7.5	IST 627 - What's the Big Idea: Technology Innovation	10	
Elective / Specialization	7.5	SCM 651 - Business Analytics	10	
Elective / Specialization	7.5	MAR 653 - Marketing Analytics	10	Syracuse University, USA
Specialization	22.5	IST 718 – Advanced Information Analytics	10	
Elective		Data Mining Technology and Applications	7.5	Queensland University of Technology
		Organizational Behavior	7.5	
		Behavioral Economics – Developments and Applications	7.5	
		Fundamentals of Business Process Management	7.5	
		Creating new ventures	7.5	
		Self Leadership	7.5	
Leadership and Executive Coaching	7.5			
Digital Management, Governance and Accountability	7.5	Management Theory and Practice	7.5	
Specialization	22.5	Product and Service Innovation	7.5	
		Design Thinking for IT	7.5	

Specialization	22.5	Information System Analysis	6.0	Kyoto University Graduate School of Informatics
		Statistical Learning Theory	6.0	
		Pattern Recognition (Advanced)	6.0	
		Language Information Processing	6.0	
Digital Management, Governance and Accountability (1 of 3)	7.5	Information System Design	6.0	
		Seminar on intelligence Science and Technology I and II (if above not feasible)	6.0	
		Perspectives in Informatics III (if the two above not feasible)	6.0	

SDT

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Specialization	22.5	Software Design and Architecture	7,5	University of Melbourne, Australia
		Masters Software Engineering	7,5	
		Knowledge Technologies	7,5	
Electives		Internet Technologies	7,5	
		Enterprise Applications & Architectures	7,5	
		AI Planning for Autonomy	7,5	
		Cryptography and Security	7,5	
		Declarative Programming	7,5	
		Software Testing and Reliability	7,5	
		Advanced Theoretical Computer Science	7,5	
Electives		Advance Information Storage and Retrieve	7,5	Queensland University of Technology (QUT), Australia
		Gamification and persuasvie Computing	7,5	
		Project Management Principles	7,5	
Electives		Strategy & Marketing	10	Politecnico di Milano, Italy
		Accounting, Finance & Control	10	
		ICT And Business in Transformation Lab	15	
		Machine Learning	5	
		Advanced User Interfaces	5	
		Mobile Applications	5	
		Business Process Modelling	5	

		Digital Image Processing	5	
		Information Retrieval and Data Mining	5	
		Web Science	5	
		Computer Graphics	5	
Specialization	22.5	Speech Processing (Adv)	8	
Electives	22.5	Computer Vision	8	Kyoto Uni, Japan
		Computational Learning Theory	8	
		Conversational Informatics	8	
		Pattern Recognition (Advanced)	6.0	
		Language Information Processing (Advanced)	6.0	
		Statistical Learning Theory	6.0	
		Information and Society	6.0	
		Information System Design	6.0	
Electives	22.5	Bioinformatics and Statistical Genetics	6	Universitat Politecnica de Catalunya UPC, Spain
		Internet Applications and Security	6	
		Normative and Dynamic Virtual Worlds	4,5	
		Intelligent System Project	3	
		Data Warehousing	6	
		Intelligent Data Analysis and Data Mining	4,5	
		Data Analysis and Knowledge Discovery	6	
		Techniques and Methodology of Innovation and Research in	6	
		Information Retrieval	6	
		Statistical Natural Language Processing	6	
		Algorithmic Game Theory	6	
		Algorithmic Methods for Mathematical Models	6	
		Electives	22.5	
Seminars of Innovation and Research in Informatics	6			
Professional Practice in Artificial Intelligence	3			
Specialization	22.5	Advanced Machine Learning Techniques	6	
		Intelligent System Project	3	
Specialization	22.5	Advanced Statistical modelling	6	

		Statistical Modelling and Design of Experiments	6
		Advanced Machine Learning Techniques	6
Specialization	22.5	Bioinformatics and Statistical Genetics	6
		Supervised and Experimental Learning	4.5
		Deep Learning	4.5

Games

ITU-Course		Credit-Course		
Course Name	ECTS	Course Name	ECTS	Credit From
Specialization	15	Game Tool Development	4.0	Beijing Jiaotong University /School of Software Engineer, China
		Game Design and Implementation	4.0	
		Embedded Software Development based on Android	4.0	
		Enlighten Entrepreneurship	2.0	
Specialization	7.5	Internet of Things Technology	4.0	
		Mobile Application Development	4.0	
Elective		Software Project Training I	8.0	