

Pre-approved Courses 2020

IT-University of Copenhagen

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The purpose of this document is to provide an overview of which courses it is possible to take, when studying abroad or at other universities in Denmark.

Please note that we cannot guarantee that your courses will be approved as listed. Each application for approval must be documented as described at ITU Student, 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

1. BSc Global Business Informatics

BSc Global Business Informatics				
Edith Cowan University, Australia	Elective	7,5 ECTS	Introduction to Mobile App Development Cyber Security	7,5 ECTS 7,5 ECTS
	IT Enabled Supply Chain Management	7,5 ECTS	Supply Chain Management	7,5 ECTS
	IT, Globalization & Culture	15 ECTS	International Management Globalisation, Cultural Diversity and Innovation	15 ECTS
			International Management International Business	15 ECTS
University of Newcastle, Australia	Elective	7,5 ECTS	Social and Interactive Media Digital and Social Media Marketing Human-Computer Interaction Business Development and Growth Business Analysis	
	IT Governance and Quality Management	7,5 ECTS	System and Network Security Strategic Business Management	
Dalarna University, Sweden	Elective	7,5 ECTS	Introduction to Relational Databases	7,5 ECTS
Linnaeus University, Sweden	Elective	7,5 ECTS	Starting out with Java Current Topic within Infromatics	7,5 ECTS 7,5 ECTS
Lund University, Sweden	Elective	7,5 ECTS	Business Administration: Management Control	7,5 ECTS
Boston University, USA	Elective	7,5 ECTS	Database Design and Implementation for Business Programming with Java	7,5 ECTS 7,5 ECTS
	IT Enabled Supply Chain Management	7,5 ECTS	Operations Management	7,5 ECTS
	IT, Globalization and Culture	15 ECTS	The Innovation Process: Developing New Products	7,5 ECTS
Services and International Business Management			7,5 ECTS	
California State University Long Beach, USA	IT, Globalization & Culture	15 ECTS	IT, Globalization & Culture	7,5 ECTS
			Critical Thinking in the Digital Information Age	7,5 ECTS
			Managing Information Systems	7,5 ECTS
			Systems Analysis and Design	7,5 ECTS
	IT-Enabled Supply Chain Management	7,5 ECTS	Production Control	7,5 ECTS
			Systems analysis and Design	7,5 ECTS
			Critical Thinking in Digital Age	7,5 ECTS
			Managing Information Systems	7,5 ECTS
Elective	7,5 ECTS	Production control	7,5 ECTS	
		Systems analysis and design	7,5 ECTS	
		Object oriented programming and data structures	7,5 ECTS	
		Digital logic and assembly	7,5 ECTS	
Elective	7,5 ECTS	Critical thinking in digital age	7,5 ECTS	
		Database management	7,5 ECTS	
		Business application programming	7,5 ECTS	

University of California, USA	IT, Globalization & Culture	15 ECTS	Behind the Data: Humans and Values Intro to International Business Information Law and Policy Information Technology, Economics, Strategy and Policy	3 units 3 units 2 units 3 units
	IT-enabled Supply Chain Management	7,5 ECTS	Principles of Business Supply Chain and Logistics Management	3 units 3 units
	Elective	7,5 ECTS	Introduction to Finance Introduction to Microeconomics Information Law and Policy	4 units 3 units 2 units

2. BSc Digital Design and Interactive Technologies

BSc Digital Design and Interactive Technologies				
University of Technology, Australia	Designing Sustainable Futures	7,5 ECTS	Complexity and Sustainable Futures	7,5 ECTS
	Network Society	7,5 ECTS	Introduction to Data Analytics	7,5 ECTS
Georgia Tech, USA	Elective	7,5 ECTS	Construction of The Moving Image	7,5 ECTS

3. BSc Software Development

BSc Software Development				
Hanyang University, South Korea	Business Processes and Organization	15 ECTS	IT and Business Strategy Organization Theory International Business	6 Credits 6 Credits 6 Credits
	Operating Systems and C	7,5 ECTS	C++ Programming Micro-Processor Applications Introduction to Embedded Systems	6 Credits 6 Credits 6 Credits
	Programs as Data	7,5 ECTS	Compilers	6 Credits
Boston University, USA	Business Processes and Organization	15 ECTS	Entrepreneurial Management: Starting, Innovating, and Managing Small-, Medium-, and Large-sized Ventures IT Project Management	7,5 ECTS 7,5 ECTS
	Operating Systems and C	7,5 ECTS	Operating Systems	7,5 ECTS

4. BSc Data Science

BSc Data Science				
Hanyang University, South Korea	Software Development and Engineering	7,5 ECTS	Software Engineering	7,5 ECTS
	Operating Systems and C	7,5 ECTS	Micro-Processor Applications C++ Programming	3,25 ECTS 3,25 ECTS
	Technical Communication	7,5 ECTS	IT Project Management	7,5 ECTS
	Security and Privacy	7,5 ECTS	Computer Security	7,5 ECTS

5. MSc Digital Innovation and Management

MSc Digital Innovation and Management				
Queensland University of Technology, Australia	Cross-disciplinary teamwork	7,5 ECTS	Enterprise Business Process Management	7,5 ECTS
			Self Leadership	7,5 ECTS
			Contemporary Strategic Analysis	7,5 ECTS
			Management Theory and Practice	7,5 ECTS
			Databases	3,75 ECTS
			Rapid Web Development	3,75 ECTS
			Systems in Project Management	7,5 ECTS
			Developing Entrepreneurial Mindsets	7,5 ECTS
	Organisational Change	7,5 ECTS	Developing Entrepreneurial Mindsets	7,5 ECTS
			Business Process Analytics	7,5 ECTS
Organisational Behaviour			7,5 ECTS	
Individual Specialisation	22,5 ECTS	Data Exploration and Mining	7,5 ECTS	
		Advanced Business Analysis	7,5 ECTS	
		Big Data Processes (ITU)	7,5 ECTS	
		Developing Entrepreneurial Mindsets	7,5 ECTS	
		Economics and Data Analysis	7,5 ECTS	
		Big Data Processes (ITU)	7,5 ECTS	
		Developing Entrepreneurial Mindsets	7,5 ECTS	
Managing in a Globalised Economy	7,5 ECTS			
Service Economics (ITU)	7,5 ECTS			
		Data-Driven Storytelling	7,5 ECTS	
		Enterprise Systems Lifecycle Management	7,5 ECTS	
		Big Data Processes (ITU)	7,5 ECTS	
University of Montpellier, France	Cross-Disciplinary Teamwork	7,5 ECTS	European Culture	3 ECTS
			Business Game	3 ECTS
			International Strategy	3 ECTS
	Organizational Change	7,5 ECTS	Organizational Theory	3 ECTS
			International Strategy	3 ECTS
			Theory of the Firm	3 ECTS
Individual Specialisation	22,5 ECTS	Big Data	3 ECTS	
		Technologies Management	3 ECTS	
		Innovation Management	6 ECTS	
		Big Data Processes (ITU)	7,5 ECTS	
Reykjavik University, Iceland	Organisational Change	7,5 ECTS	Change Management and Leadership	7,5 ECTS
	Cross-Disciplinary Teamwork	7,5 ECTS	Advanced Topics in Emerging Technologies	7,5 ECTS
	Elective	7,5 ECTS	Sustainable Leadership	3,75 ECTS
Victoria University of Wellington, New Zealand	Organizational Change	7,5 ECTS	Organizational Behaviour	7,5 ECTS
	Cross-Disciplinary Teamwork	7,5 ECTS	Digital Entrepreneurship and Innovation	7,5 ECTS
	Individual Specialisation	22,5 ECTS	Innovation and Change Management	7,5 ECTS
			Global Strategy	7,5 ECTS
			Big Data Processes (ITU)	7,5 ECTS

Autonomous University of Madrid, Spain	Cross Disciplinary Teamwork	7,5 ECTS	International Marketing	6 ECTS
	Individual Specialisation	22,5 ECTS	Organization and Management of Technical Innovation	5 ECTS
			Quantitative techniques for research in Political Science	6 ECTS
			Methods for the Study of Public Administration and Policies	6 ECTS
		The Digital State (ITU)	7,5 ECTS	
Regent's University, UK	Organisational Change	7,5 ECTS	Entrepreneurship & Innovation	5 ECTS
	Cross-Disciplinary Teamwork	7,5 ECTS	Leadership	10 ECTS
	Individual Specialisation	22,5 ECTS	Web Marketing & Analytics	5 ECTS
Innovation & Technology			10 ECTS	
		Big Data Processes (ITU)	7,5 ECTS	
Boston University, USA	Cross-Disciplinary Teamwork	7,5 ECTS	Project Management	7,5 ECTS
	Organizational Change	7,5 ECTS	Agile Project Management	7,5 ECTS
	Individual Specialisation	22,5 ECTS	Innovare Marketing Techniques	7,5 ECTS
The Innovation Process: Developing New Products and Services			7,5 ECTS	
		Introduction to Service Design (ITU)	7,5 ECTS	

6. MSc Digital Design and Interactive Technologies

MSc Digital Design and Interactive Technologies				
University of Technology, Australia	Management of Creative Projects	7,5 ECTS	Project Management Innovation, Creativity and Entrepreneurship	7,5 ECTS 7,5 ECTS
	Cross Disciplinary Teamwork	7,5 ECTS	Project Management Product Innovation Management Problem Solving, Creativity and Solution Setting	7,5 ECTS 7,5 ECTS 7,5 ECTS
	Individual Specialisation	22,5 ECTS	Human-centered Design Methods Storytelling and Sense-making Studio UX Design I (ITU)	7,5 ECTS 7,5 ECTS 7,5 ECTS
Kyoto University, Japan	Individual Specialisation	22,5 ECTS	Information System Design Practice of Information System Information System Analysis Designing Interactions (ITU)	4 ECTS 4 ECTS 4 ECTS 7,5 ECTS
Vrije Universiteit, Netherlands	Cross Disciplinary Teamwork	7,5 ECTS	Design, Culture and Society	6 ECTS
	Management of Creative Processes	7,5 ECTS	Digital Innovation: New Ways of Organizing and Working	6 ECTS
	Individual Specialisation	22,5 ECTS	Methods of Design Analysis: The Meaning of Design Seminar Contemporary UX Design I (ITU)	9 ECTS 9 ECTS 7,5 ECTS

7. MSc Software Design – *No preapprovals yet*

8. MSc Computer Science

MSc Computer Science				
Politecnico di Milano, Italy	Cross-Disciplinary Team Work	7,5 ECTS	Computer Ethics Individual Project (ITU)	5 ECTS 2,5 ECTS
	Individual Specialisation	22,5 ECTS	Soft Computing Autonomous Agents and Multiagent Systems Recommender Systems Modelling Systems and Languages (ITU)	5 ECTS 5 ECTS 5 ECTS 7,5 ECTS

9. MSc Games

MSc Games				
Queensland University of Technology, Australia	Data-driven Design and Development	7,5 ECTS	Data Exploration and Mining	7,5 ECTS
	Specialisation Course	7,5 ECTS	Text, Web and Media Analytics	7,5 ECTS
	Elective	7,5 ECTS	Web and Mobile Application Development	7,5 ECTS
		7,5 ECTS	Network Systems	7,5 ECTS