

Programme of Study Layout SEC / Security and Defence

Faculty	STHEE	Faculty of Pure and Applied Sciences		
Programme of Study	SEC	Security and Defence		
Level of Study	Undergraduate		Graduate	
			Master	Doctoral
			✓	
Language of Instruction	English			
Mode of Delivery	Distance			
Course Duration (Full Time)	Years		Semesters	
	1.5		3	
Fees	Programme of Study		Module	Thesis
	€5400		€675	€1350
Number of Modules	Total	Required	Electives	Thesis
	6	4	2	1
Number of European Credit Transfer System (ECTS)	90 (Core: 40 ECTS, Electives: 20 ECTS, Thesis: 30 ECTS)			

Programme of Study Description

Security and Defence fields have attracted a lot of attention due to a globally volatile environment. Regional wars among neighbouring countries tend to affect not only the region in conflict but also inflict global recession in economy, uncontrolled rise in fuel prices and food insecurity. At the same time, security incidents such as terrorist attacks or regional social upheavals tend to lead to massive migration of citizens from one country to the neighbouring countries or even to another continent thus challenging the sense of security of the local population.

The Joint Master of Science Program in Security and Defence aims at preparing Armed and Security Forces officers, government executives involved in security and defence policy but also citizens aspiring to work in fields related to security and defence in a global, constantly evolving environment, full of geopolitical challenges. Upon completion of this program, the participants will have deepened their knowledge of current technological and asymmetric security and defence threats and developed the ability to manage challenges and crises in the contemporary international context.

Admission requirements

1	<ul style="list-style-type: none"> Have an undergraduate degree in a relevant area, (e.g Computer Science, Computer Engineering, Electrical Engineering, Networks Engineering) from a recognised university Proven proficiency in English language: All candidates need to demonstrate that they meet the University's English language requirements by submitting the relevant certificates along with their application (minimum grade IELTS 5.5 or any other equivalent) Adequate computer skills so that they can meet the educational requirements of the programme
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Programme of Study Academic Specializations

Specialization	Awarded Degree
1 Security and Defence	MSc in Security and Defence

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Modules		Semester	Required / Elective	Pre-requisite Modules	Co-requisite Modules	Workload	
						Hours	ECTS
SEC101	Principles of Cyber Warfare	1 st	R			250-300	10
SEC102	CyberSecurity	1 st	R			250-300	10
SEC111	Telecommunication Systems for Security and Defence	1 st	E			250-300	10
SEC112	Information Security Management	1 st	E			250-300	10
SEC201	Open-Source Intelligence (OSINT)	2 nd	R			250-300	10
SEC202	Research Methods	2 nd	R			250-300	10
SEC211	Asymmetric Threats and Countermeasures	2 nd	E			250-300	10
SEC212	Technoethics/Ethics for Emerging Military Technologies and Defence	2 nd	E			250-300	10
SEC213	Space Applications for Security and Defence	2 nd	E			250-300	10
SEC695	Industry Placement 1 st *		E			-	5
SEC696	Industry Placement 2 nd *		E	SEC695		-	5
SEC699	Preparatory Module	2 nd / 3 rd	R			250-300	0
SEC701A	MSc Thesis A	3 rd	R	SEC202, SEC699 Minimum 40 earned ECTS are required to enrol to the module.		250-300	10
SEC701B	MSc Thesis B	3 rd	R	SEC701A, SEC202, SEC699	SEC701A	500-600	20
Total							90

* SEC695 & SEC696 are optional modules, 5 ECTS each that do not count towards obtaining the degree. (Students must complete the 90 ECTS required from any other modules to be awarded the degree)