

myStudies, 180 ECTS Credits

Executive A-		Executive B-		Executive C-	
IT Security Consulting		Business Intelligence		IT Security Consulting	
a) Technical and Operational IT Security Concepts b) Project: Configuration and Application of SIEM Systems*		c) Business Intelligence I d) Business Intelligence II		e) Technical and Operational IT Security Concepts f) Project: Configuration and Application of SIEM Systems*	
Social Engineering		Future Threats		Social Engineering	
a) Social Engineering and Insider Threats b) Project: "Social Engineering"		c) Threat Modeling* d) Project: "Threat Modeling"		a) Social Engineering and Insider Threats b) Project: "Social Engineering"	
Host Forensics		Cloud Security		Host Forensics	
a) Static and Dynamic Malware Analysis* b) Seminar: Sandbox Interpretation*		c) Security Controls in the Cloud* d) Project: Security by Design in the Cloud*		a) Static and Dynamic Malware Analysis* b) Seminar: Sandbox Interpretation*	
DevSecOps		Penetration		DevSecOps	
a) Techniques and methods for agile software development b) Project: Agile DevSecOps Software Engineering*		c) Principles of Ethical Hacking* d) Project: "PenTesting"		a) Techniques and methods for agile software development b) Project: Agile DevSecOps Software Engineering	
Security in Complex Networks		Industrial Systems Technology		Security in Complex Networks	
a) IT Architecture Management b) Project: IT Security Architecture*		c) Software Engineering Principles d) Internet of Things Security*		a) IT Architecture Management b) Project: IT Security Architecture*	
Network Forensics		Cyber Threat Intelligence		Network Forensics	
a) Protocols, Log- and Dataflow Analysis in Depth* b) Seminar: Threat Hunting, Analysis and Incident Response*		c) Attack Models and Threat Feeds d) Project: Defense against APTs*		a) Protocols, Log- and Dataflow Analysis in Depth* b) Seminar: Threat Hunting, Analysis and Incident Response	
Mobile Threats		Business Intelligence		Business Intelligence	
c) Wireless and Telecom Security* d) Software Architectures of Mobile Devices		c) Business Intelligence I d) Business Intelligence II		c) Business Intelligence I d) Business Intelligence II	
		Future Threats		Future Threats	
		e) Threat Modeling* f) Project: "Threat Modeling"		e) Threat Modeling* f) Project: "Threat Modeling"	
		Cloud Security		Cloud Security	
		a) Security Controls in the Cloud* b) Project: Security by Design in the Cloud*		a) Security Controls in the Cloud* b) Project: Security by Design in the Cloud*	
		Penetration		Penetration	
		c) Principles of Ethical Hacking* d) Project: PenTesting*		c) Principles of Ethical Hacking* d) Project: PenTesting*	
		Mobile Software Engineering		Mobile Software Engineering	
		a) Mobile Software Engineering I b) Mobile Software Engineering II		a) Mobile Software Engineering I b) Mobile Software Engineering II	
		Industrial Systems Technology		Industrial Systems Technology	
		c) Software Engineering Principles d) Internet of Things Security*		c) Software Engineering Principles d) Internet of Things Security*	
		Cyber Threat Intelligence		Cyber Threat Intelligence	
		a) Attack Models and Threat Feeds b) Project: Defense against APTs*		a) Attack Models and Threat Feeds b) Project: Defense against APTs*	
		Wireless and Telecom Security*		Wireless and Telecom Security*	
		Software Architectures of Mobile Devices		Software Architectures of Mobile Devices	
		Supply Chain Management		Supply Chain Management	
		a) Supply Chain Management I b) Supply Chain Management II		a) Supply Chain Management I b) Supply Chain Management II	
		Stadium General Internship		Stadium General Internship	

~ Electives: Choose one module with two courses from the Elective A, one module from the Elective B and one module from the Elective C. Every elective module can only be chosen once.

* This course comes with admissions requirements. Please consult the module handbook for more information.

Note: Elective modules where the minimum number of participants is not reached will be offered online (distance learning). However, IU ensures that there are always alternatives on campus.



You have lecture-free periods in both June and September, which you can spend reviewing and preparing for exams. Attending the courses on campus is mandatory and will be verified due to Visa regulations (not valid for DACH students).

Each block concludes with a two-week exam preparation phase. You can defer those exams to a later date that you do not want to take during this period. This way, your exam phases are always spread evenly over the year. Exceptions to this are courses that count as admission requirements for other courses.



Attention: Attendance times may vary slightly depending on public holidays and the federal state holidays the campus is located in.



If you are studying Model 2, 3 or 4 you will have to start your Bachelor Thesis before completing your final courses.

Note: You can already start with your thesis earlier than the designated block, once you have met the minimum amount of credit points required to enter.