

Course Offer Academic Year 2026/2027

Schools of Technology / Computer Science / Architecture, Civil Engineering, Landscape Architecture, Spatial Planning (ABLR) / Management

This course list offers an overview of all English-taught courses at OST (Bachelor's modules listed per campus, Master's modules listed overall). For German-taught courses, please use the information on the [website](#) or contact the International Office.

- Please make sure to read the course descriptions and check the prerequisites carefully before selecting your courses. You can access the descriptions by clicking the course code.
- Exchange students can choose courses from different degree programs provided they are offered on the same campus (Rapperswil, Buchs, or St. Gallen) and that the student meets the required prerequisites.
- When choosing master's courses and courses taught in German, please pay attention to the semester during which the course is offered. **Semester information and timetable for the master's courses is available [here](#).**
- The course offer is provisional and subject to change. Consequently, courses are subject to availability.

Campus Rapperswil, Bachelor's courses

School	Study Program (at OST)	Course	Code	ECTS	Semester	Level
Computer Science	Computer Science	AI Foundations	AIFo	4	Fall	Basic
Computer Science	Computer Science	Automation with Python	AutPy	2	Fall	Basic
Computer Science	Computer Science	C++	CPI	4	Fall	Intermediate
Computer Science	Computer Science	Compiler Engineering	CoBau	4	Fall	Advanced
Computer Science	Computer Science	Generative AI	GenAI	4	Fall	Specialized
Computer Science	Computer Science	Network and IoT Security	NISec	4	Fall	Intermediate
Computer Science	Computer Science	Platform Security	PFSec	4	Fall	Intermediate

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Computer Science	Computer Science	SE Practices 1	SEP1	4	Fall	Intermediate
Computer Science	Computer Science	Intent-Based Networking	IBN	4	Fall	Specialized
Computer Science	Computer Science	Network Automation	NetAut	2	Fall	Advanced
Computer Science	Computer Science	AI Applications	AIAp	4	Spring	Advanced
Computer Science	Computer Science	C++ Advanced	CPIA	4	Spring	Advanced
Computer Science	Computer Science	Cloud Operations	CldOp	4	Spring	Intermediate
Computer Science	Computer Science	Computer Networks 2	CN2	6	Spring	Intermediate
Computer Science	Computer Science	Mathematical Foundations for Machine Learning	MathFML	4	Spring	Intermediate
Computer Science	Computer Science	Deep Learning	DL	4	Spring	Intermediate
Computer Science	Computer Science	Functional Programming	FP	4	Spring	Basic
Computer Science	Computer Science	Parallel Programming	ParProg	4	Spring	Advanced
Computer Science	Digital Design	User-Centered Design 5 (Human-Centered AI)	UCD5	4	Fall	Intermediate
Computer Science	Digital Design	Project 5	PJDD5	6	Spring	Intermediate
Computer Science	Digital Design	User-Centered Design 6 (Persuasive Computing)	UCD6	4	Spring	Intermediate
Technology	Electrical and Computer Engineering	Bachelor's Thesis	BAE	12	Fall	Advanced
Technology	Electrical and Computer Engineering	Digital Signal Processing 1	DigSig1Engl	4	Fall	Intermediate
Technology	Electrical and Computer Engineering	Image Processing and Computer Vision 1	IPCv1	4	Fall	Advanced

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Technology	Electrical and Computer Engineering	Statistical Machine Learning	ML	4	Fall	Intermediate
Technology	Electrical and Computer Engineering	Wireless Communications 1	WsComm1Engl	4	Fall	Advanced
Technology	Electrical and Computer Engineering	Student Project	SAE	8	Fall	Intermediate
Technology	Electrical and Computer Engineering	Bachelor's Thesis	BAE	12	Spring	Advanced
Technology	Electrical and Computer Engineering	Deep Learning	DL	4	Spring	Intermediate
Technology	Electrical and Computer Engineering	Digital Signal Processing 2	DigSig2Engl	4	Spring	Intermediate
Technology	Electrical and Computer Engineering	Image Processing and Computer Vision 2	IPCV2	4	Spring	Advanced
Technology	Electrical and Computer Engineering	Mathematical Foundations for Machine Learning	MathFML	4	Spring	n/A
Technology	Electrical and Computer Engineering	Student Project	SAE	8	Spring	Intermediate
Technology	Electrical and Computer Engineering	Wireless Communications 2	WsComm2Engl	4	Spring	Advanced
Technology	Industrial Engineering	Logistics and Supply Chain Management	LOSCM	4	Fall	Intermediate
Technology	Industrial Engineering	SF-Smart Factory	SFFACTORY	4	Fall	Basic
Technology	Industrial Engineering	SP-Smart Products	SPPRODUCTS	4	Fall	Basic
Technology	Industrial Engineering	VN-Additive Manufacturing	VNADDMAN	4	Fall	Basic
Technology	Industrial Engineering	International Study Week	ISWEE	4	Spring	Basic
Technology	Industrial Engineering	SF-Robotics	SFROBOTICS	4	Spring	Intermediate
Technology	Industrial Engineering	SP-Data Science	SPDATASC	4	Spring	Intermediate
Technology	Industrial Engineering	VN-Value Chain Networks	VNVALCHAIN	4	Spring	Intermediate
Technology	Mechanical Engineering and Innovation	Autonomous Mobile Robotics	AutoMoRo	3	Fall	Advanced
Technology	Mechanical Engineering and Innovation	Bachelor's Thesis	BAM	12	Fall	Advanced
Technology	Mechanical Engineering and Innovation	Circular Economy	CE	2	Fall	Intermediate

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Technology	Mechanical Engineering and Innovation	Production Management	ProdMan	4	Fall	Intermediate
Technology	Mechanical Engineering and Innovation	Statistical Machine Learning	ML	4	Fall	Advanced
Technology	Mechanical Engineering and Innovation	Student Project	SAM	8	Fall	Intermediate
Technology	Mechanical Engineering and Innovation	Advanced Metal Manufacturing	AMM	2	Spring	Advanced
Technology	Mechanical Engineering and Innovation	Bachelor's Thesis	BAM	12	Spring	Advanced
Technology	Mechanical Engineering and Innovation	Deep Learning	DL	4	Spring	Advanced
Technology	Mechanical Engineering and Innovation	Smart Factory	SFact	4	Spring	Intermediate
Technology	Mechanical Engineering and Innovation	Student Project	SAM	8	Spring	Advanced
Technology	Renewable Energies and Environmental Engineering	Bachelor's Thesis	BAEU	12	Fall	Advanced
Technology	Renewable Energies and Environmental Engineering	Building system technologies, Building physics	GebTBau	4	Fall	Intermediate
Technology	Renewable Energies and Environmental Engineering	Process and Product Simulations	CFD_FEM	4	Fall	Intermediate
Technology	Renewable Energies and Environmental Engineering	Student Project	SAEU	8	Fall	Intermediate
Technology	Renewable Energies and Environmental Engineering	Electrical Solar Technology	EISoIT	4	Spring	Advanced
Technology	Renewable Energies and Environmental Engineering	Programming (Matlab)	ProgEU	2	Spring	Basic

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Technology	Renewable Energies and Environmental Engineering	Bachelor's Thesis	BAEU	12	Spring	Advanced
Technology	Renewable Energies and Environmental Engineering	Student Project	SAEU	8	Spring	Intermediate
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Spatial Planning	Smart City	InfNaE5	2	Fall	Basic
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Spatial Planning	Term Project (Individual semester profile project)	IVP	6	Fall	Specialized
General		Artificial Intelligence	ArtInt	4	Fall	Basic
General		German for beginners	Gfb2EC	2	Fall	Basic, Incomings only
General		Intercultural communication	INTKO	2	Fall	nA
General		English: How things work	EngHTw	4	Fall	nA
General		English: The World of Science	EngScience	4	Fall	nA
General		French communication 2	FranzKomm2	4	Fall	Intermediate
General		Italian 2	Ital2	4	Fall	Intermediate
General		Japanese 1	Jap1	2	Fall	Basic
General		Chinese 1	Chin1	4	Fall	Basic
General		Spanish 2	Span2	4	Fall	Intermediate
General		Artificial Intelligence	ArtInt	4	Spring	Basic

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

General		German for beginners	Gfb2EC	2	Spring	Basic, Incomings only
General		Chinese 2	Chinese2	4	Spring	Intermediate
General		English: Selling Technology	SelTec	4	Spring	nA
General		English Beyond Borders: Navigating Academic & Professional Success	TecBEC	4	Spring	nA
General		French communication	FranzKomm	4	Spring	Intermediate-Advanced
General		Italian 1	Ital1	4	Spring	Basic
General		Japanese 2	Jap2	2	Spring	Intermediate
General		Spanish 1	Span1	4	Spring	Basic

Campus St.Gallen, Bachelor's courses

School	Study Program (at OST)	Course	Code	ECTS	Semester	Level
Management	Business Administration	Business Informatics	BINF	3	Fall	Intermediate
Management	Business Administration	Consumer Behavior	CBEH_p	6	Fall	Specialized
Management	Business Administration	Corporate Finance Management	CFMG	6	Fall	Intermediate
Management	Business Administration	Current Issues in International Management*	CIIM	3	Fall	Basic, Incomings only
Management	Business Administration	English for Professional Communication	EPC3_p	6	Fall	Advanced
Management	Business Administration	Financial Reporting	FIRE	6	Fall	Specialized
Management	Business Administration	Financial Services & Investments	FSIN_p	6	Fall	Intermediate
Management	Business Administration	German Basic Course	GEBA	3	Fall	Basic, Incomings only
Management	Business Administration	Intercultural Competence & Personal Development	ICPD	6	Fall	Intermediate

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Management	Business Administration	International Consulting Project 1**	ICP1	9	Fall	Advanced
Management	Business Administration	International Law	ILAW	3	Fall	Intermediate
Management	Business Administration	Introduction to International Business	IIBU_p	6	Fall	Basic
Management	Business Administration	Leadership	LEAD	6	Fall	Specialized
Management	Business Administration	Marketing in an International Context	MRKE	6	Fall	Intermediate
Management	Business Administration	Organisational Behavior	ORBE	6	Fall	Intermediate
Management	Business Administration	Production and Operations Management	POME	3	Fall	Intermediate
Management	Business Administration	Project Management	PMGE	6	Fall	Specialized
Management	Business Administration	Spanish Basic Course	SPA1	3	Fall	Basic
Management	Business Administration	Spanish Intermediate Course	SPA2	3	Fall	Intermediate
Management	Business Administration	Strategic Management	SMGE	3	Fall	Intermediate
Management	Business Administration	Legal English	LEEN	3	Fall	Specialized
Management	Business Administration	Bank Management and Financial Risk***	BFRM	6	Spring	Specialized
Management	Business Administration	Business Informatics	BINF	3	Spring	Intermediate
Management	Business Administration	Current Issues in International Management*	CIIM	3	Spring	Basic, Incomings only
Management	Business Administration	Digital Marketing Communication***	DMCM	6	Spring	Specialized
Management	Business Administration	English for Professional Communication	EPC2_p	6	Spring	Intermediate
Management	Business Administration	Financial Services & Investments	FSIN_p	6	Spring	Intermediate
Management	Business Administration	German Basic Course	GEBA	3	Spring	Basic, Incomings only
Management	Business Administration	International Consulting Project 2**	ICP2	9	Spring	Advanced
Management	Business Administration	International Economics	ECON	6	Spring	Advanced
Management	Business Administration	International Law	ILAW	3	Spring	Intermediate
Management	Business Administration	Introduction to International Business	IIBE_p	6	Spring	Basic
Management	Business Administration	Marketing in an International Context	MRKE	6	Spring	Intermediate
Management	Business Administration	Spanish Intermediate Course	SPA2	3	Spring	Intermediate
Management	Business Administration	Strategic Thinking and Acting	STTA	6	Spring	Specialized
Management	Business Administration	Web Development Fundamentals (Java knowledge required)	WBDG	6	Spring	Specialized
Management	Business Administration	Decentralized Finance	DEFL_p	6	Spring	Intermediate
Computer Science	Computer Science	AI Foundations	AIFo	4	Fall	Basic

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Computer Science	Computer Science	SE Practices 1	SEP1	4	Fall	Intermediate
Computer Science	Computer Science	AI Applications	AIAp	4	Spring	Advanced
Computer Science	Computer Science	Functional Programming	FP	4	Spring	Basic
Computer Science	Computer Science	Parallel Programming	ParProg	4	Spring	Advanced
Technology	Industrial Engineering	Industrial Product Development Project	IPINT	20	Spring	Basic
Technology	Industrial Engineering	Swiss Business Experience	ISWIS	4	Spring	Basic
Technology	Industrial Engineering	International Study Week	ISWEE	4	Spring	Basic

Campus Buchs, Bachelor's courses

School	Study Program (at OST)	Course	Code	ECTS	Semester	Level
Technology	Systems Engineering	Electromagnetic Compatibility		2	Fall	
Technology	Systems Engineering	Term project		8	Fall	
Technology	Systems Engineering	Term project		12	Fall	
Technology	Systems Engineering	Term project		18	Fall	
Technology	Systems Engineering	Term project		24	Fall	
Technology	Systems Engineering	Term Project		30	Fall	
Technology	Systems Engineering	Web Programming		2	Fall	
Technology	Systems Engineering	Internet of Things		2	Spring	
Technology	Systems Engineering	Term project		8	Spring	
Technology	Systems Engineering	Term project		12	Spring	
Technology	Systems Engineering	Term project		18	Spring	
Technology	Systems Engineering	Term Project		24	Spring	
Technology	Systems Engineering	Term Project		30	Spring	

Master's courses, overall

School	Study Program (at OST)	Campus	Course	Code	ECTS	Semester
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Architecture Workshop: MA-Level Design I	ME3	15	Fall
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Architecture, Construction, Landscape, Space: Spatiality and Culture I	MRK1	5	Fall
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	All School Charrette 1 - Project Week	C1	2	Fall
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Workshop 3	W3	2	Fall
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Architecture Workshop: MA-Level Design II	ME4	15	Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Architecture, Construction, Landscape, Space: Spatiality and Culture II	MRK2	5	Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	All School Charrette 3 - Project Week	C3	2	Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Architecture	SG	Workshop 4	W4	2	Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Construction and Planning	RJ	Project Modules		12 up to 30	Fall / Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Construction and Planning	RJ	Additional Courses		diverse	Fall / Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Construction and Planning	Zurich	Technical Scientific Modules		3 each	Fall / Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Construction and Planning	Zurich	Fundamental Theoretical Principles Modules		3 each	Fall / Spring
Architecture, Civil Engineering, Landscape Architecture, Spatial Planning	Construction and Planning	Zurich	Context Modules		3 up to 15	Fall / Spring
Computer Science	Engineering and IT	RJ	Project Modules		12 up to 30	Fall / Spring

OST Eastern Switzerland University of Applied Sciences: English-taught courses (Bachelor's and Master's)

Computer Science	Engineering and IT	RJ	Additional Courses		diverse	Fall / Spring
Computer Science	Engineering and IT	Zurich	Technical Scientific Modules		3 up to 15	Fall / Spring
Computer Science	Engineering and IT	Zurich	Fundamental Theoretical Principles Modules		3 up to 15	Fall / Spring
Computer Science	Engineering and IT	Zurich	Context Modules		3 up to 15	Fall / Spring
Technology	Engineering and IT	Zurich	Technical Scientific Modules		3 up to 15	Fall / Spring
Technology	Engineering and IT	Zurich	Fundamental Theoretical Principles Modules		3 up to 15	Fall / Spring
Technology	Engineering and IT	Zurich	Context Modules		3 up to 15	Fall / Spring
Technology	Engineering and IT	RJ	Project Modules		12 up to 30	Fall / Spring
Technology	Engineering and IT	RJ	Additional Courses		diverse	Fall / Spring