

# Timetable (Academic Year 2026/2027)

Code	Course	Lecturer	Monday			Tuesday			Wednesday			Thursday			Friday			Organizer
			B	N	F	B	N	F	B	N	F	B	N	F	B	N	F	
<b>Autumn (am)</b>																		
13000	Advanced Software Engineering	Andreas Fischer								1								
63000	Advanced Software Engineering	Andreas Fischer								6								
31099	Applied Optimization	David Bommes										3						
61099	Applied Optimization	David Bommes										6						
43024	Automata on Infinite Structures	Ulrich Ultes-Nitsche										4						
63132	Geometry and Topology in Machine Learning	Bastian Grossenbacher-Rieck, Inés García-Redondo					6											
43085	Graph Theory	Clément Dillard					4											
42032	Machine Learning and Data Mining	Christos Dimitrakakis											4					
62032	Machine Learning and Data Mining	Christos Dimitrakakis											6					
02121	Modeling and Scaling of Generative AI Systems	Lydia Chen					0											
62121	Modeling and Scaling of Generative AI Systems	Lydia Chen					6											
11103	Network Security	Torsten Braun	1															
21103	Network Security	Torsten Braun	2															
21665	Seminar Cryptography and Data Security	Christian Cachin										2						
41665	Seminar Cryptography and Data Security	Christian Cachin										4						
12670	Seminar Hot Topics in Applied Security	Pascal Felber, Valerio Schiavoni								1								
22670	Seminar Hot Topics in Applied Security	Pascal Felber, Valerio Schiavoni								2								
31674	Seminar Machine Learning and Artificial Intelligence	Paolo Favaro	3															
61674	Seminar Machine Learning and Artificial Intelligence	Paolo Favaro	6															
11676	Seminar Software Engineering	Timo Kehrer										1						
<b>Autumn (pm)</b>																		
63021	Big Data Infrastructures	Philippe Cudré-Mauroux									6							
31062	Computer Vision	Paolo Favaro	3															
61062	Computer Vision	Paolo Favaro	6															
53131	Computing with Words	Edy Portmann			5													
63131	Computing with Words	Edy Portmann			6													
22126	Cryptographic Algorithms	Gabriel Andreas Dill					2											
42126	Cryptographic Algorithms	Gabriel Andreas Dill					4											
11102	Distributed Algorithms	Christian Cachin										1						
41102	Distributed Algorithms	Christian Cachin										4						
03117	Fabrication and Prototyping in the LearningLab	Julien Nembrini, Simon Ruffieux												0				
53105	Fuzzy Sets and Systems I	Edy Portmann														5		
63105	Fuzzy Sets and Systems I	Edy Portmann														6		
53073	Mathematical Modeling and Linear Optimization	Meritxell Pacheco						5										
22016	Security: Advanced Topics	Hervé Sanglard								2								
11663	Seminar Communication and Distributed Systems	Torsten Braun	1															
31664	Seminar Computer Graphics and Geometry Processing	David Bommes										3						
41673	Seminar Logic and Theoretical Computer Science	Thomas Studer, George Metcalfe										4						
31675	Seminar Pattern Recognition	Kaspar Riesen										3						
61675	Seminar Pattern Recognition	Kaspar Riesen										6						
62677	Seminar Trustworthy AI Models and Systems	Lydia Chen, Christos Dimitrakakis									6							
11113	Software Product Lines	Timo Kehrer					1											
63133	Topological Data Analysis	Bastian Grossenbacher-Rieck, Elena Xinyi Wang										6						
03018	User Centered Design	Denis Lalanne						0										
<b>Autumn (XnV)</b>																		
03660	Interdisciplinary Introduction to Legal Tech - a Practical Seminar	Hans-Georg Fill, Mark Drenhaus					0			0							0	FD
11661	Scientific Reading in Computer Networks	Torsten Braun	1							1							1	
11662	Scientific Writing in Computer Networks	Torsten Braun	1							1							1	
63666	Seminar Data Science	Mourad Khayati																
13667	Seminar Foundations of Dependable Systems I	Ulrich Ultes-Nitsche					6			6							6	
43667	Seminar Foundations of Dependable Systems I	Ulrich Ultes-Nitsche					1			1							1	
33668	Seminar Generative AI	E. Mugellini, O. Abou Khaled, Ph. Cudré-Mauroux					4			4							4	
63668	Seminar Generative AI	E. Mugellini, O. Abou Khaled, Ph. Cudré-Mauroux					3			3							3	
63669	Seminar Geometry and Topology in Deep Learning	Bastian Grossenbacher-Rieck					6			6							6	
33671	Seminar Human-Computer Interaction I	Denis Lalanne, Julien Nembrini					3			3							3	
63671	Seminar Human-Computer Interaction I	Denis Lalanne, Julien Nembrini					6			6							6	
53672	Seminar Life Engineering	Edy Portmann					5			5							5	
63672	Seminar Life Engineering	Edy Portmann					6			6							6	
53678	Seminar Urban Computing	Edy Portmann					5			5							5	
63678	Seminar Urban Computing	Edy Portmann					6			6							6	

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<b>Spring (am)</b>																		
31097	3D Geometry Processing	David Bommes										3						
11072	Advanced Networking and Future Internet	Torsten Braun	1															
43124	Algorithm Design	Clément Dallard											4					
12027	Concurrency: Multi-core Programming and Data Processing	Pascal Felber										1						
62027	Concurrency: Multi-core Programming and Data Processing	Pascal Felber										6						
63132	Geometry and Topology in Machine Learning	Bastian Grossenbacher-Rieck, Inés García-Redondo					6											
31118	Graph Based Pattern Recognition	Kaspar Riesen									3							
61118	Graph Based Pattern Recognition	Kaspar Riesen									6							
03035	Multimodal User Interfaces	Denis Lalanne														0		
33035	Multimodal User Interfaces	Denis Lalanne														3		
53084	Recommender Systems	Luis Terán			5													
63084	Recommender Systems	Luis Terán			6													
42111	Reinforcement Learning and Decision Making Under Uncertainty	Christos Dimitrakakis					4											
62111	Reinforcement Learning and Decision Making Under Uncertainty	Christos Dimitrakakis					6											
21684	Seminar Cryptography and Data Security	Christian Cachin								2								
41684	Seminar Cryptography and Data Security	Christian Cachin								4								
31689	Seminar Machine Learning and Artificial Intelligence	Paolo Favaro	3															
61689	Seminar Machine Learning and Artificial Intelligence	Paolo Favaro	6															
11692	Seminar Software Engineering	Timo Kehrer										1						
63133	Topological Data Analysis	Bastian Grossenbacher-Rieck, Elena Xinyi Wang								6								

<b>Spring (pm)</b>																	
53086	Advanced Topics in Decision Support	Bernard Ries									5						
53119	Choice-based Optimization and its Application to Revenue Management	Meritxell Pacheco															FSES&M
11114	Compiler Construction	Timo Kehrer															FSES&M
53131	Computing with Words	Eddy Portmann			5												
63131	Computing with Words	Eddy Portmann			6												
21100	Cryptography	Christian Cachin									2						
41100	Cryptography	Christian Cachin									4						
31088	Deep Learning	Paolo Favaro	3														
61088	Deep Learning	Paolo Favaro	6														
33006	Design and Graphics Programming for Game Development	Maurizio Rigamonti															3
52028	Design of Governance in Socio-technical Information Systems	Alain Sandoz			5												
11128	DevOps for Cyber-Physical Systems	Sebastiano Panichella											1				
62122	Distributed Deep Learning Systems	Lydia Chen											6				
61127	Foundations of Deep Learning	Andrea Agazzi															PNF
53104	Fuzzy Sets and Systems II	Eddy Portmann														5	
63104	Fuzzy Sets and Systems II	Eddy Portmann														6	
53129	Machine Scheduling: From Theory to Applications	Nour Elhouda Tellache													5		FSES&M
13098	Metamodeling	Hans-Georg Fill									1						FSES&M
53098	Metamodeling	Hans-Georg Fill									5						
31682	Seminar Applied Optimization	David Bommes											3				
61682	Seminar Applied Optimization	David Bommes											6				
11683	Seminar Communication and Distributed Systems	Torsten Braun	1														
41688	Seminar Logic and Theoretical Computer Science	Thomas Studer, George Metcalfe											4				
31690	Seminar Pattern Recognition	Kaspar Riesen										3					
61690	Seminar Pattern Recognition	Kaspar Riesen										6					
63091	Social Media Analytics	Philippe Cudré-Mauroux, Mourad Khayati															
01693	Usable Security: The Psychology of IT Security and Data Protection	Malte Elson, Christian Cachin															
21693	Usable Security: The Psychology of IT Security and Data Protection	Malte Elson, Christian Cachin															

<b>Spring (XnV)</b>																		
11679	Scientific Reading in Computer Networks	Torsten Braun	1															
11680	Scientific Writing in Computer Networks	Torsten Braun																
42681	Seminar Advanced Topics in Reinforcement Learning and Decision Making	Christos Dimitrakakis																
62681	Seminar Advanced Topics in Reinforcement Learning and Decision Making	Christos Dimitrakakis																
33685	Seminar Human-Centered AI - Human-Computer Interaction meets Artificial Intelligence	Elena Mugellini, Omar Abou Khaled																
63685	Seminar Human-Centered AI - Human-Computer Interaction meets Artificial Intelligence	Elena Mugellini, Omar Abou Khaled																
33686	Seminar Human-Computer Interaction II	Denis Lalanne, Julien Nembrini																
63686	Seminar Human-Computer Interaction II	Denis Lalanne, Julien Nembrini																
53687	Seminar Life Engineering	Eddy Portmann																
63687	Seminar Life Engineering	Eddy Portmann																
53691	Seminar Social Computing	Eddy Portmann																
63691	Seminar Social Computing	Eddy Portmann																

### Legend

Scheme of the code TSC with:

T: track (0 to 6)

S: site (1:B, 2:N, 3:F, 4:BN, 5:BF, 6:NF, 7:BNF)

C: three digit code (001 - 499: courses, 500 - 899 seminars, 900 - 998: other, 999 Master thesis)

am: 8:00 a.m. - 12:00 a.m.

pm: 2:00 p.m. - 6:00 p.m.

XnV: on appointment

T0: General
T1: Distributed Software Systems
T2: Security
T3: Visual Computing
T4: Theory and Logic
T5: Information Systems and Decision Support
T6: Data Science

Seminar am/pm

Seminar XnV

FSES&M: Faculty of Management, Economics and Social Sciences of the University of Fribourg (<https://www.unifr.ch/ses/>)

PNF: Faculty of Science of the University of Bern ([https://www.philnat.unibe.ch/index\\_eng.html](https://www.philnat.unibe.ch/index_eng.html))

FD: Faculty of Law (<https://www.unifr.ch/lus/>)