

Prov.English Module List Fall Semester 2026 / 27



The ZHAW - School of Engineering offers numerous English taught modules for Incoming Exchange Students - some remarks for clarification:

- **For Bachelor Exchange students**
 - This list is subject to changes.
 - The exchange students may choose modules out of all programs.
 - The Bachelor study programmes span 6 semesters.
 - Students who have German language skills level B2, may attend all modules across all study programs.
<https://www.zhaw.ch/en/engineering/study/bachelors-degree-programmes/>
- **For Master Exchange students**
 - The program is entirely taught in English.
 - ZHAW School of Engineering offers the following eleven master profiles: Aviation, Business Engineering, Civil Engineering, Computer Science, Data Science, Electrical Engineering, Energy and Environment, Mechanical Engineering, Mechatronics and Automation, Medical Engineering, Photonics.
 - Detailed information is available under
<https://www.zhaw.ch/en/engineering/study/masters-degree-programmes/>

If you need any further information, please feel free to contact:

ZHAW School of Engineering Exchange

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We're excited to announce the expansion of our English module offerings! While a few module descriptions are still being finalized and are not yet linked, we're confident that the updated version will be ready very soon.

Aviation

Module Name	Module Code	ECTS	Semester
Advanced Mechanics	t.BA.AVS.ADV-MECH-EN.25HS	4	5 th semester
AI Methods for Anomaly Detection	t.BA.WPI.ANODET-EN.26HS	4	5 th semester
Aircraft Systems - Control Systems	t.BA.AVS.ACSYS-CS-EN.25HS	4	5 th semester
Aircraft Systems - Structure and Mechanical Systems	t.BA.AV.ACSYS-SM-EN.19HS	4	3 rd semester
Blockweek ISU Renewable Energy & Sustainability Summer University in Falera (CW 35/36 before semester start)	t.BA.WPI.BW-RENES-EN.26HS	4	5 th semester
Blockweek International Management – Asia (CW 5/6 after semester end)	t.BA.WPI.BW-INTMAN-EN.26HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Flight Operations	t.BA.AVS.FL-OPS-EN.25HS	4	5 th semester
Human Factors	t.BA.AV.HF-EN.19HS	4	3 rd semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
Maintenance, Airworthiness Management, Regulations and Operator Organisation	t.BA.WV.MARO-EN.20HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Numerical and Experimental Aerodynamics	t.BA.WV.NEA-EN.19HS	4	5 th semester
Physics 3: Atmospheric Physics and Applied Meteorology	t.BA.AVP.PHYMET-EN.19HS	4	3 rd semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Aviation	t.BA.AV.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Systems Reliability, Availability, Maintainability and Safety	t.BA.AVS.RAMS-EN.25HS	4	5 th semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester end)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-INTAI-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Computer Science

Module Name	Module Code	ECTS	Semester
AI Methods for Anomaly Detection	t.BA.WPI.ANODET-EN.26HS	4	5 th semester
AI-Assisted Modelling and Simulation	t.BA.WV.AAMS-EN.26HS	4	5 th semester
Artificial Intelligence 1	t.BA.WV.AI1-EN.19HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Cloud Computing 1	t.BA.WV.CCP1-EN.19HS	4	5 th semester
Communication Networks and Services 1	t.BA.WV.CNS1-EN.19HS	4	5 th semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Digital Image Processing 1	t.BA.WV.DIP-EN.19HS	4	5 th semester
Distributed Systems	t.BA.WV.DS-EN.25HS	4	5 th semester
Intelligent Information Systems 1	t.BA.WV.IIS1-EN.25HS	4	5 th semester
Internet of Things 1	t.BA.WV.IOT1-EN.19HS	4	5 th semester
IT-Systems and Application Performance	t.BA.WV.ISAP-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Project Thesis: Computer Science	t.BA.IT.PA-EN.19HS	6	5 th semester
Quantum Computing	t.BA.WV.QC-EN.25HS	4	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Reinforcement Learning	t.BA.WV.RL-EN.23HS	4	5 th semester
Responsible AI	t.BA.WV.RAI-EN.25HS	4	5 th semester
Scientific Computing	t.BA.WV.SCC-EN.19HS	4	5 th semester
Serverless and Cloud Application Development	t.BA.WV.SCAD-EN.20HS	4	5 th semester
Software and System Security 1	t.BA.WV.SWS1-EN.19HS	4	5 th semester
System on Chip Design	t.BA.WV.SCD-EN.19HS	4	5 th semester
Time Series Prediction	t.BA.WV.TSP-EN.24HS	4	5 th semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester ended)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

* availability depending on number of students

Data Science

Module Name	Module Code	ECTS	Semester
Advanced Regression Modelling	t.BA.WIVW.ARM-EN.25HS	4	5 th semester
AI Methods for Anomaly Detection	t.BA.WPI.ANODET-EN.26HS	4	5 th semester
AI-Assisted Modelling and Simulation	t.BA.WV.AAMS-EN.26HS	4	5 th semester
Basics of Statistics	t.BA.XX.GSTAT-EN.20HS	4	3 rd semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Data Products and Services	t.BA.DS.DPS-EN.20HS	4	3 rd semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Digital Image Processing 1	t.BA.WV.DIP-EN.19HS	4	5 th semester
Internet of Things 1	t.BA.WV.IOT1-EN.19HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
Introduction to Financial Markets	t.BA.WV.IFM-EN.26HS	4	5 th semester
Introduction to Machine Learning	t.BA.XX.ML-EN.26HS	4	3 rd semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Data Science	t.BA.DS.PA-EN.20HS	6	5 th semester
Quantum Computing	t.BA.WV.QC-EN.25HS	4	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Reinforcement Learning	t.BA.WV.RL-EN.23HS	4	5 th semester
Responsible AI	t.BA.WV.RAI-EN.25HS	4	5 th semester
Scientific Computing	t.BA.WV.SCC-EN.19HS	4	5 th semester
Service Engineering Basics	t.BA.WIVW.SEG-EN.25HS	4	5 th semester
Time Series Prediction	t.BA.WV.TSP-EN.24HS	4	5 th semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester end)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Blockweek Summer School Creating Meaningful and Impactful Solutions (CW 36 before semester start)	t.BA.WPK.BW-CMIS-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

* availability depending on number of students

** takes place in Zurich

Electrical Engineering

Module Name	Module Code	ECTS	Semester
Automation 1	t.BA.WV.AUT1-EN.19HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Communication Networks and Services 1	t.BA.WV.CNS1-EN.19HS	4	5 th semester
Computer Engineering 1	t.BA.XX.CT1-EN.13HS	4	3 rd semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Digital Image Processing 1	t.BA.WV.DIP-EN.19HS	4	5 th semester
Digital Signal Processing 2	t.BA.WV.DSV2-EN.25HS	4	5 th semester
Electronics Project 1	t.BA.ET.PM3-EN.19HS	4	3 rd semester
Internet of Things 1	t.BA.WV.IOT1-EN.19HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Photonics	t.BA.WV.PHO-EN.26HS	4	5 th semester
Project Thesis: Electrical Engineering	t.BA.ET.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Signals and Systems 1	t.BA.XX.SISY1-EN.13HS	4	3 rd semester
System on Chip Design	t.BA.WV.SCD-EN.19HS	4	5 th semester
Wireless Communication 1	t.BA.WV.WCOM1-EN.25HS	4	5 th semester

Context modules			
Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester ended)	t.BA.WPK.BW-ERSE-EN.26HS		5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-CMIS-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Energy and Environmental Engineering

Module Name	Module Code	ECTS	Semester
Blockweek ISU Renewable Energy & Sustainability Summer University in Falera (CW 35/36 before semester start)	t.BA.WPI.BW-RENES-EN.26HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Energy and Environmental Engineering	t.BA.EU.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester

Context modules			
Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester ended)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-CMIS-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Engineering and Management

Module Name	Module Code	ECTS	Semester
Advanced Regression Modelling	t.BA.WIVW.ARM-EN.25HS	4	5 th semester
Basics of Statistics	t.BA.XX.GSTAT-EN.20HS	4	3 rd semester
Blockweek International Management – Asia (CW 5/6 after semester end)	t.BA.WPI.BW-INTMAN-EN.26HS	4	5 th semester
Blockweek ISU Renewable Energy & Sustainability Summer University in Falera (CW 35/36 before semester start)	t.BA.WPI.BW-RENES-EN.26HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Databases	t.BA.WIV.DB-EN.22HS	4	5 th semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Financial Enterprise Modeling	t.BA.WI.FUM-EN.19HS	4	3 rd semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Physics 3: Factory Physics	t.BA.WIP.FAP-EN.19HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Engineering and Management	t.BA.WI.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Service Engineering Basics	t.BA.WIVW.SEG-EN.25HS	4	5 th semester
Simulation of Business Processes	t.BA.WIV.SIM-EN.22HS	4	5 th semester

Context modules			
Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester end)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-INTAI-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Mechanical Engineering

Module Name	Module Code	ECTS	Semester
Additive Manufacturing (3D printing)	t.BA.WV.AFV-EN.19HS	4	5 th semester
AI Methods for Anomaly Detection	t.BA.WPI.ANODET-EN.26HS	4	5 th semester
Blockweek International Management – Asia (CW 5/6 after semester end)	t.BA.WPI.BW-INTMAN-EN.26HS	4	5 th semester
Blockweek ISU Renewable Energy & Sustainability Summer University in Falera (CW 35/36 before semester start)	t.BA.WPI.BW-RENESE-EN.26HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Industrial Design: Basic Principles	t.BA.WV.INDE-EN.19HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
Measurement and Control Systems 1	t.BA.MT.MRT1-EN.19HS	2	3 rd semester
Mechanical Vibrations	t.BA.MT.MDYN-EN.19HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Numerical and Experimental Aerodynamics	t.BA.WV.NEA-EN.19HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Mechanical Engineering	t.BA.MT.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Smart Products and Production 1	t.BA.MTS.SPP1-EN.25HS	4	5 th semester
Systems and Automation Technology 1	t.BA.MTS.SYAT1-EN.25HS	4	5 th semester
Thermodynamics	t.BA.MT.FTH2-EN.26HS	4	3 rd semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-INTAI-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Medical Informatics

Module Name	Module Code	ECTS	Semester
AI Methods for Anomaly Detection	t.BA.WPI.ANODET-EN.26HS	4	5 th semester
Blockweek International Management – Asia (CW 5/6 after semester end)	t.BA.WPI.BW-INTMAN-EN.26HS	4	5 th semester
Digital Image Processing 1	t.BA.WV.DIP-EN.19HS	4	5 th semester
Intelligent Information Systems 1	t.BA.WV.IIS1-EN.25HS	4	5 th semester
Internet of Things 1	t.BA.WV.IOT1-EN.19HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS		5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Software Engineering	t.BA.WV.SE-EN.25HS	4	5 th semester

Context modules			
Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Summer School Creating Meaningful and Impactful Solutions (CW 36 before semester start)	t.BA.WPK.BW-CMIS-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Mobility Science

Module Name	Module Code	ECTS	Semester
Blockweek International Management – Asia (CW 5/6 after semester end)	t.BA.WPI.BW-INTMAN-EN.26HS	4	5 th semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Project Thesis: Transportation Systems	t.BA.MO.PA-EN.24HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester
Blockweek Bionics (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Ethics, Responsibility, and Sustainability in Engineering (CW 5/6 after semester end)	t.BA.WPK.BW-ERSE-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-INTAI-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students

Systems Engineering

Module Name	Module Code	ECTS	Semester
Additive Manufacturing (3D printing)	t.BA.WV.AFV-EN.19HS	4	5 th semester
AI-Assisted Modelling and Simulation	t.BA.WV.AAMS-EN.26HS	4	5 th semester
Automation 1	t.BA.WV.AUT1-EN.19HS	4	5 th semester
Blockweek Safety and Systems Engineering (CW 36/37 before semester start)	t.BA.WPI.BW-SASEN-EN.26HS	4	5 th semester
Computer Engineering 1	t.BA.XX.CT1-EN.13HS	6	3 rd semester
Digital Health	t.BA.WPI.DHEAL-EN.26HS	4	5 th semester
Digital Image Processing 1	t.BA.WV.DIP-EN.19HS	4	5 th semester
Industrial Design: Basic Principles	t.BA.WV.INDE-EN.19HS	4	5 th semester
Introduction to Computer and Communication Security	t.BA.WPI.INCSEC-EN.26HS	4	5 th semester
No-Code/Low-Code Software Development	t.BA.WPI.NLSD-EN.26HS	4	5 th semester
Photonics	t.BA.WV.PHO-EN.26HS	4	5 th semester
Principles and Applications of the IoT	t.BA.WPI.PRIAP-EN.26HS	4	5 th semester
Product Development for Systems Engineering 3	t.BA.ST.PM3-EN.19HS	4	3 rd semester
Project Thesis: Systems Engineering	t.BA.ST.PA-EN.19HS	6	5 th semester
Realtime Data Acquisition/-Analysis using LabVIEW	t.BA.WPI.LABVIEW-EN.26HS	4	5 th semester
Signals and Systems 1	t.BA.XX.SISY1-EN.13HS	4	3 rd semester
System on Chip Design	t.BA.WV.SCD-EN.19HS	4	5 th semester

Context modules

Academic English	t.BA.WPC.AE-EN.26HS	2	3 rd semester r
Blockweek Bionic (CW 36/37 before semester start)	t.BA.WPK.BW-BION-EN.26HS	2	5 th semester
Blockweek Introduction to AI for Engineers (CW 37 before semester start)	t.BA.WPK.BW-INTAI-EN.26HS	2	5 th semester
Business and Project Communication	t.BA.WPC.BPC-EN.26HS	2	3 rd semester
Intercultural Communication and Management	t.BA.YWK.ICAM-EN.26HS	2	5 th semester
Resilienz-Engineering	t.BA.WPK.RESE-EN.26HS	2	5 th semester
German for Beginners*	t.BA.XX.GFB.17HS	2	all
Introductions to Swiss Society and Politics*	t.BA.XX.ISSP-EN.21HS	2	all

*availability depending on number of students