



Electives

WS 26/27



Administrative matters

Registration

You can register for your preferred courses using our [registration form](#) until **18 September 2026**. Please carefully check for any scheduling conflicts between your selected courses and ensure that you only choose course combinations you can realistically attend and complete.

Course assignment

Course assignment takes place once the minimum number of participants for a course has been reached and will be confirmed separately via email. From that point onward, course dates will be visible in LEVIS. If there are too few registrations for a course, it can unfortunately not take place. If a course is fully booked, you may place yourself on the waiting list via the registration form.

Attendance Policy

The standard regulations of the [FH Upper Austria Study and Examination Regulations](#) apply to all courses. Courses can only be successfully completed if the attendance requirement is met, or if all absences are fully justified and documented.

Credit Transfer

Please get in touch with your degree programme administration early on and clarify whether the courses you have chosen can be credited as a required elective courses.

Withdrawal

We fully understand that plans can change. Please send any withdrawal notices immediately to electives@fh-ooe.at, as your cancellation may affect whether or not the course can be held. Planning reliability is essential — both for students and lecturers. Help us ensure smooth coordination by informing us promptly and reliably about any changes to your participation.

Contact

If you have any questions regarding the FH Upper Austria Electives, feel free to contact us anytime. Please send an email to electives@fh-ooe.at — we will get back to you as soon as possible.

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Agile Coach

Content

In this course, students put their Agile Coach training into practice by supporting a real-world project in the role of an Agile Coach. The foundational knowledge for this hands-on experience is drawn primarily from the courses Hybrid Innovation Management, Leadership Competence, and Change Management.

- Agile methods and principles
- Agile project management
- Agile roles and ceremonies
- Building and coaching agile teams
- Creativity techniques in Agile
- Management
- Communication and conflict management in Agile Teams

This course is part of the master degree program IPM.

In coordination with TÜV Austria, this training entitles students to take the certification examination for the TÜV „Agile Coach“. Please note that certification is **only** possible if **all the necessary entry requirements** have already been met. Please contact electives@fh-ooe.at for more information.

Dates

04.11.2026	08:00 - 11:30	Campus Wels
05.11.2026	08:55 - 14:15	Campus Wels
06.11.2026	13:15 - 17:25	Campus Wels
13.01.2027	08:00 - 11:30	Campus Wels
14.01.2027	08:55 - 16:05	Campus Wels
15.01.2027	09:45 - 12:15	Campus Wels

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ Basics of Management

COURSE

→ Integrated course

CREDITS

→ 2 ECTS

UNITS

→ 30

EXAMINATION MODE

- Continuous assessment
- Project report

LANGUAGE

→ English

WHERE & HOW

- On site
- Campus Wels

LECTURER

→ Ing. Bianca Pommer, BSc. MA

Battery Technology

Content

- You will have an understanding of how electrochemical, electrical, mechanical and thermal storage systems work. You will get to know how to operate a storage system and their integration into comprehensive energy systems.
- This course focuses on several types of batteries: Basics of energy conversion, capacitor batteries, lithium ion batteries, traction and storage batteries (lead, nickel, sodium), high-energy batteries, redox flow batteries,
- You will learn about the application range of the different battery technologies, system integration, legal framework, funding for battery technologies.

This course is part of the master degree program DES.ma

Dates

02.10.2026	08:50 - 12:25	Campus Wels
09.10.2026	08:50 - 12:25	Campus Wels
14.10.2026	08:50 - 12:25	Campus Wels
16.10.2026	08:50 - 12:25	Campus Wels
21.10.2026	08:50 - 12:25	Campus Wels
23.10.2026	08:50 - 12:25	Campus Wels
30.10.2026	08:50 - 11:30	Campus Wels
04.11.2026	08:50 - 11:30	Campus Wels

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ None

COURSE

→ Lecture

CREDITS

→ 3 ECTS 2 SWS

UNITS

→ 30

EXAM

→ Written exam

LANGUAGE

→ Englisch

WHERE & HOW

→ Campus Wels

LECTURER

→ DI Dr. Christina Toigo

Change Management

Content

This course enables you to analyse the key psychological and organisational contexts of change in organisations and, building on this, to actively shape change processes.

The main focus is on:

- Models and processes in change management
- Change strategies
- Resistance to change
- Analysis tools for change situations
- Learning organisation
- Corporate culture, role models

Dates

19.10.2026	16:00 - 20:00	Online
09.11.2026	16:00 - 20:00	Online
23.11.2026	16:00 - 20:00	Online
14.12.2026	16:00 - 20:00	Online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ Courses in the field of organisation, psychology or social skills (ba) completed

COURSE

→ Integrated Course

UNITS

→ 3 ECTS

UNITS

→ 30

EXAMINATION MODE

→ Contributions during the course and the distance learning element
→ Final exam

LANGUAGE

→ English

WHERE & HOW

→ Online (MS Teams)
→ E-Learning Course

LECTURER

→ DI Ludwig Pekarek

Conflict Management

Content

This seminar aims at achieving tools for handling different kinds of conflicts in different fields of life (living together, different nationalities, working together, etc.). It ranges from cognitive understanding to practical exercises and "field studies" of actual conflicts; the ultimate goal is to know what to do and how to solve / ease a conflict-ridden situation.

The main topics are:

- Understand the reasons of conflict
- Understand the difference between perception and judgement and the influence of (national, racist etc.) prejudices
- Raise awareness for different kinds of communication, role of the subconscious
- Learn about different kinds of conflicts
- Be able to make a conflict analysis
- Get to know different models of conflict resolutions
- Develop strategies of solving / dealing with the conflict
- Get to know mediation and the role and purpose of a mediator

Dates

13.10.2026	08:00 - 16:15	Campus Steyr
27.10.2026	08:00 - 16:15	Campus Steyr
09.11.2026	08:00 - 16:15	Campus Steyr

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor

PREREQUISITES

→ None

COURSE

→ Seminar

CREDITS

→ 3 ECTS

UNITS

→ 30

EXAM

→ Continuous assessment

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Mag. Jutta Höllriegel

Energy Meteorology

Content

The course covers fundamental meteorological concepts, including air pressure, wind speed, temperature, radiation, atmospheric structure, aerosols, clouds, and atmospheric dynamics.

It introduces different timescales of weather variability (diurnal, synoptic, seasonal, and climate-related) and their impact on renewable energy production, particularly wind, photovoltaic, and solar thermal systems.

Students learn statistical methods for analyzing weather data and approaches to simulate weather-related variability in energy generation.

Further topics include climatology, climate variability, and the current state of knowledge, as well as global climate databases for assessing renewable energy potential.

The course also addresses weather forecasting, covering its historical development, current methods, and prediction accuracy across different spatial and temporal scales (nowcasting to long-term forecasts). Numerical models, downscaling, post-processing, ensemble forecasting, and the limits of predictability are also discussed.

Dates

This course had to be cancelled and will not take place in WS 26/27.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ None

COURSE

→ Integrated Course

CREDITS

→ 3 ECTS 2 SWS

UNITS

→ 30

EXAM

→ Final exam

LANGUAGE

→ English

WHERE & HOW

→ Campus Wels

LECTURER

→ Mag. Wolfgang Traunmüller

Entrepreneurship & Business Entry Models

Content

For effective entrepreneurial and organizational management, the analysis of recent developments and trends within hypercompetitive global arena will be carried out in the classes through text and case studies. The expanding Startup Community among the geographies, and rapidly growing economies requires new management applications and entrepreneurial spirit. Entrepreneurship-, Startup- and Cross-Cultural Management Strategies will be evaluated in the context of global changes and the development of future markets.

- Understanding the importance of Startup Business and International Management
- Founding Strategies for emerging markets
- Trends and developments facing international managers and startups
- Creating the perfect pitch
- Strategies for SMEs and value creation in alliances
- International Human Resource Management applications
- Negotiation and Effective Conflict Resolution methods
- Entrepreneurial Thinking
- influence of megatrends such as AI on negotiations
- Getting ability to run a Startup in Austria

Dates*

*will be available in a few weeks

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor /Master

PREREQUISITES

→ None

COURSE

→ Integrated Course

CREDITS

→ 2 ECTS 2 SWS

UNITS

→ 30

EXAM

→ To be announced

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Dr. Ahu Genis-Gruber

Financial Education

Content

This course offers a practice-oriented introduction to the conscious and self-determined management of money. Participants gain a fundamental understanding of their financial habits and learn how to actively shape their economic future.

The seminar combines financial fundamentals with psychologically grounded insights into patterns of thinking and behavior related to money. The course integrates theory, reflection, and practical methods.

Key focus areas include:

- Fundamentals and key components of financial intelligence
- The psychology of money and personal financial habits
- Strategies for financial well-being and stress prevention
- Debt, investments, and the conscious management of risk
- Creating an individual financial plan
- Pathways to building a compelling financial future

This course is part of the master's program LET.ma.

Dates

12.01.2027	17:00 - 21:00	online
19.01.2027	17:00 - 21:00	online
02.02.2027	17:00 - 21:00	online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ Completed bachelor

COURSE

→ Integrated Course

CREDITS

→ 2 ECTS 1 SWS

UNITS

→ 15

EXAM

→ will be communicated at the beginning of term

LANGUAGE

→ English

WHERE & HOW

→ online

LECTURER

→ Elizabeth Cruz-Uribe

Formula Student Project

Content

In this course you will gain detailed knowledge of the development, construction, design and manufacture of vehicles and you can implement this in the „Formula Student“ project. You will get to know methods for independently organizing a team and learn how to evaluate the development using business methods of cost accounting.

Main focus:

- Conception
- Design
- Development and construction of a FSAE racing car

The teams of the international Formula Student event series will participate in a global engineering competition along with teams from other universities. The times reserved in the timetable for the elective course are used to work on project content and for internal team coordination (Campus Wels or online).

Dates

Meetings every Wednesday at Campus Wels **4 - 5.30 pm** starting from **07.10.2026**.

This course will definitely take place.

Registration

1. Please register through our form <https://forms.office.com/e/cwHckud8iA> **AND** send your application to the Formula student team: formula.student@fh-ooe.at
2. if accepted: clarify with your degree programme director whether ECTS can be credited as a compulsory elective course.
3. if yes, enrolment in the elective course and activation for all project-relevant systems (MS teams, CAD) follows.

LEVEL

→ Bachelor / Master

PREREQUISITES

→ Lectures of study program LCW.ba

COURSE

→ Integrated course

CREDITS

→ 4 ECTS

UNITS

→ 60

EXAMINATION MODE

→ Project report

LANGUAGE

→ English

WHERE & HOW

→ Campus Wels & online

LECTURER

→ Dipl.-Ing. (FH) Manuel Frank, M.Sc.

IMPORTANT

- Max. 8 consecutive semesters
- Binding declaration of participation (disclaimer)
- Entails membership of the registered association 'FHOÖE Racing Team - Studentischer Verein zur Förderung von Forschung, Bildung und Entwicklung für die österreichische Wissenschaft' with all rights and obligations.

Global B2B-Marketing Case Study

Content

This course gives you hands-on learning through real-world case studies, immersing you in the complexities of global B2B marketing. You'll apply strategic marketing knowledge to solve business challenges, integrating theory with current industry insights. You'll explore cross-national strategies, tackle the realities of international trade, and navigate the dynamics of multinational enterprises.

Through practical exercises, you'll develop essential skills in product management, branding, pricing, and communication strategies for today's and future business environments. Additionally, you'll gain awareness of cultural and linguistic influences on international B2B marketing, helping you craft effective global strategies.

This course is part of the bachelor degree program **GSM**.

Dates

17.11.2026	13:00 - 16:15	Campus Steyr
01.12.2026	13:00 - 16:15	Campus Steyr
15.12.2026	13:00 - 16:15	Campus Steyr
12.01.2026	13:00 - 15:25	Campus Steyr

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor

PREREQUISITES

→ Basic knowledge of Sales and Marketing

COURSE

→ Integrated course

CREDITS

→ 2 ECTS

UNITS

→ 15

EXAMINATION MODE

Continuous assessment:

- Active class participation
- Elaboration of case-study related questions / short presentations in fully cooperating teams
- Essay

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Prof. Mag. Dr. Andreas Zehetner

Global Startup develop- ment

Content

This course enables you to create or work on your own Business Idea. It helps you to plan product market launch, developing a Business Model, writing a Business Plan and doing a perfect Pitch. In a Nutshell: to become your own entrepreneur.

Contents:

- Entrepreneurship and Startup Business
- How to get a Business Idea
- Trends and Motives
- From Idea to Market and Prototyping
- Value Proposition Model and Business Development
- Business Planning
- How to do your perfect Pitch

Dates

This course had to be cancelled and will not take place in WS 26/27.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor and Master

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 2 ECTS 2 SWS

UNITS

→ 30

EXAM

- Value Proposition Model
- Canvas
- Business Plan
- Pitchvideo

LANGUAGE

→ English

WHERE & HOW

→ Campus Linz

LECTURER

→ FH-Prof. Dr. Gerold Weisz

InnoCamp36 – Applied Innovation Management

Content

InnoCamp36 is a 36-hour innovation competition at Campus Steyr, organized by the Global Sales and Marketing (GSM) program. Open to all FH OÖ students, it allows participants to apply their knowledge to real business challenges. Interdisciplinary teams of 5-10 students tackle future-oriented problems, creating solutions through intense collaboration. They present their ideas in a start-up pitch to a jury, with the top three teams winning prizes sponsored by partner companies.

This program fosters hands-on experience, collaboration, and strategic problem-solving in a dynamic innovation environment. Optionally, promising ideas can be further developed within the participating companies.

By the end of InnoCamp36 you will be able to

- apply the Design Thinking process, innovation tools, and business modeling to real-world challenges.
- work effectively in interdisciplinary teams to solve complex, cross-functional problems in B2B industries.
- accept and integrate constructive feedback to refine and adapt solutions based on real-world effectiveness.

More info at www.innocamp36.at. This course is part of the Master degree programme GSM.

Dates

November 4, 2026: start 8.30 am (all day)
November 5, 2026: start 7 am (all day)

This course takes place over **two full days**, starting in the morning and continuing into the evening. The end time is flexible and determined by each team based on their progress and schedule.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 3 ECTS

UNITS

→ 30 (2 entire days)

EXAMINATION MODE

→ Continuous assessment

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Representatives of several companies and professors

Intercultural Management

Content

In this course, you will analyze recent trends in the hyper-competitive global arena through texts and case studies. You will evaluate cross-cultural management and competitive strategies in the context of global changes, expanding trade, and rapidly growing Asian economies, necessitating new management approaches.

The course will concentrate on the following topics:

- Culture, cultural differences, and their boundaries
- Cultural dimensions and Cultural standards
- Managing Interdependence „Social Responsibilities and Ethics“
- Intercultural communication, International Negotiation
- Teamwork with diverse team members
- Formulating Strategy in Multicultural Environments
- Sending employees on foreign assignments “Expatriation”
- Current issues in intercultural management and potential solutions

Dates

This course had to be cancelled and will not take place in WS 26/27.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor

PREREQUISITES

→ Basic knowledge in international business

COURSE

→ Lecture

CREDITS

→ 3 ECTS

UNITS

→ 30

EXAMINATION MODE

→ Written exam

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Dr. Ahu Genis-Gruber

International Project Management

Content

The students are learning the specific characteristics of international project management and the different cultural ways of management

- Intercultural decision-making and responsibility for a successful management in intercultural business situations
- Getting knowledge about the own and foreign cultures
- Overview of different cultural ways of management
- Leadership in an international context
- Specific characteristic in international and intercultural project management
- Enhancements of intercultural key competences

Dates

03.02.2027	08:00 - 15:10	Campus Wels
04.02.2027	08:00 - 15:10	Campus Wels
08.02.2027	08:00 - 15:10	Campus Wels
10.02.2027	08:00 - 13:20	Campus Wels

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ None

COURSE

→ Integrated Course

CREDITS

→ 3 ECTS

UNITS

→ 30

EXAMINATION MODE

- Written exam
- oral assessment during tutorials

LANGUAGE

→ English

WHERE & HOW

→ Campus Wels

LECTURER

→ Markus Feistritzer

Introduction to Python Programming

Content

Learn to use Python programming language and get ready to start scripting using PyCharm (IDE) and Jupyter Notebook.

- Basics (data types, collections, functions, ...) in programming
- OO programming
- Selected modules (os, re, sys, pandas, random, etc.)
- Django (web application)
- Regular expressions in Python
- Turtle/Graphics in Python

This course will definitely take place.

Dates

08.12.2026	14:25 - 17:00	Online
15.12.2026	14:25 - 17:00	Online
12.01.2027	14:25 - 17:00	Online
19.01.2027	14:25 - 17:00	Online
26.01.2027	14:25 - 16:05	Online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 2 ECTS

UNITS

→ 14

EXAMINATION MODE

- Written exam
- Project
- Project presentation

LANGUAGE

→ English

WHERE & HOW

→ Online (MS Teams)

LECTURER

→ FH Ass. Prof. DI Susanne Schaller
MSc MSc

Introduction to Quantum Computing

Content

In this course we discuss the following:

quantum states, superposition, entanglement, quantum gates (quantum operations), quantum measurements, quantum computing, problems that can be solved more efficiently by quantum computers, potential applications to real-world problems, state-of-the-art of quantum computers, quantum key distribution, quantum communication.

Throughout the course you will do exercises on a real quantum computer. Don't worry, the exercises will be simple - even if you haven't programmed before - , but will help you get a feeling as what quantum computing is. Exercises are optional.

By the end of this course, you will:

- understand the key differences between classical and quantum computing
- recognize problems where quantum computing offers an advantage
- be aware of current technological limits and the state of the art
- evaluate claims about the risks and opportunities of quantum computing
- try out basic quantum algorithms using IBM's free quantum tools

This course will definitely take place.

Dates

05.10.2026	18:00 - 21:30	Online
12.10.2026	18:00 - 21:30	Online
19.10.2026	18:00 - 21:30	Online
02.11.2026	18:00 - 21:30	Online
09.11.2026	18:00 - 21:30	Online
16.11.2026	18:00 - 21:30	Online
23.11.2026	18:05 - 20:45	Online
30.11.2026	18:05 - 20:45	Online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 3 ECTS

UNITS

→ 30

EXAMINATION MODE

- Continuous assessment
- 4 assignments during the course

LANGUAGE

→ English

WHERE & HOW

→ Online

LECTURER

→ FH-Prof. DI Dr. Jürgen Fuß

Leadership

Content

This course is designed to provide an overview concerning leadership concepts in order to teach you to challenge and develop your leadership style and behavior with conceptual foundation.

By the end of the term you will be able to:

- distinguish between management behavior and leadership style
- analyze leadership theories critically and challenge simple solutions to leadership based on the theoretical framework given
- understand the implications and consequences of different leadership styles
- assess the effectiveness of leadership styles based on the development stage of an organization based on the level of managerial requirements
- understand reasons for resistance to change and have a framework of how to deal with this resistance productively
- know about the function fundamental leadership tools, such as appraisal, counselling and MbO systems.

Dates

03.11.2026	08:00 - 12:05	Campus Steyr
10.11.2026	08:00 - 12:05	Campus Steyr
17.11.2026	08:00 - 12:05	Campus Steyr
24.11.2026	08:00 - 12:05	Campus Steyr
01.12.2026	08:00 - 16:15	Campus Steyr

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 3 ECTS 2 SWS

UNITS

→ 30

EXAM

→ Continuous assessment

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Mag. Dr. Christine Ebner

Motivational Speaking

Content

This course provides a practice-oriented insight into the art of effective presence and persuasive speaking. Participants learn how to develop speeches and presentations step by step, communicate their messages clearly, and inspire their audiences in a lasting way. The focus is on developing a strong, authentic presence—on stage, in front of the camera, or in digital formats. Through the deliberate use of body language, voice, and personal presence, participants learn to consciously shape and deepen their impact. The course combines theory, practical exercises, and feedback processes to foster confidence, charisma, and rhetorical skill.

Key thematic areas include:

- Structure and dramaturgy of a speech or presentation
- Body language, voice, and presence
- Developing stage presence and charisma
- Creating “magic moments”
- Confident interaction with any audience
- Designing authentic media and camera appearances
- Telling and conveying stories effectively

This course is part of the master’s program LET.ma.

Dates

02.10.2026	13:30 - 17:30	Campus Steyr
03.10.2026	08:30 - 17:30	Campus Steyr

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

→ completed bachelor

COURSE

→ Integrated Course

CREDITS

→ 2 ECTS 1 SWS

UNITS

→ 15

EXAM

→ will be communicated at the beginning of term

LANGUAGE

→ English

WHERE & HOW

→ Campus Steyr

LECTURER

→ Mag. Ronald Leber

Neural Networks and Deep Learning

Content

In this course, participants will acquire fundamental knowledge of the principles and concepts behind neural networks and develop the ability to design and train them effectively. They will learn to apply deep neural networks and convolutional neural networks to practical tasks and utilize various types of neural networks in Python using TensorFlow/Keras to solve real-world problems. Additionally, they will gain insights into advanced architectures such as recurrent neural networks and generative adversarial networks, deepening their understanding of more sophisticated artificial intelligence methods.

- Basics and overview
- Multi-layer perceptrons and the backpropagation algorithm
- Deep networks
- Practical tips and tricks for training neural networks
- Convolutional neural networks and their application to image classification and object detection
- Recurrent neural networks and their applications in natural language processing Overview of further topics (e.g., generative adversarial networks)

Dates

This course had to be cancelled and will not take place in WS 26/27.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Master

PREREQUISITES

- Basics of Calculus (Functions & Derivatives)
- Basics of Machine Learning

COURSE

→ Integrated course

CREDITS

→ 3 ECTS

UNITS

→ 30

EXAMINATION MODE

- Exercises
- Final exam

LANGUAGE

→ English

WHERE & HOW

→ Campus Linz

LECTURER

→ Dr. Mustafa Arian M.Sc B.Sc

Next Level Skills for Student Leaders

Content

Next Level Skills for Student Leaders (NELS) is a virtual course designed to elevate the capabilities of students across Europe and Sub-Saharan Africa. It hones essential skills such as critical thinking, media literacy, leadership, and effective communication. It is necessary to participate in at least 6 sessions (see dates below) in order to be able to receive ECTS credits. One of these sessions has to be the "Welcome Session", where the entire course is explained thoroughly. You can find more information online: <https://fh-ooe.at/en/nels>

Topics:

- Future Challenges“ delves into pressing topics like megatrends, digital transformation in education, and sustainability
- „Next Level Skills“ focuses on refining leadership capabilities and fostering inclusive communication, also in the virtual realm
- „New Ways of Student Organising“ explores democratic engagement, values within higher education, and the art of effective networking

Dates

22.10.2026	14:00 - 16:30	Online
23.10.2026	14:00 - 16:30	Online
27.10.2026	13:00 - 16:15	Online
28.10.2026	13:00 - 16:15	Online
29.10.2026	13:00 - 16:15	Online
30.10.2026	13:00 - 16:15	Online
13.11.2026	14:00 - 16:30	Online
16.11.2026	14:00 - 17:15	Online
17.11.2026	14:00 - 17:15	Online
18.11.2026	14:00 - 17:15	Online
19.11.2026	14:00 - 17:15	Online
20.11.2026	14:00 - 17:15	Online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

→ None

COURSE

→ Integrated course

CREDITS

→ 3 ECTS 2 SWS

UNITS

→ 30

EXAM

- participation in sessions, quizzes & exercises
- development of an own project
- peer feedback to other projects

LANGUAGE

→ English

WHERE & HOW

→ online

LECTURER

→ FH-Prof. Mag. Dr. Silke Preymann

SAS Business Analytics Specialist

Content

You will attend a student's workshop and the e-learning modules **SAS Base programming Specialist** (2 e-learning modules and 1 certification to pass) as well as **SAS Machine Learning** (1 e-learning module and 1 certification to pass). The course results in a dedicated, jointly signed certificate and badge (FH OÖE and SAS).

The key learning outcomes of the course are:

- Handling data and business projects
- Understanding analytics trends, life cycle, and SAS Viya
- Learning SAS Base Programming for data analysis
- Mastering data manipulation with SAS DATA steps
- Using SAS Visual Data Mining and Machine Learning for analytics tasks

Dates

This course is a **self-study** course and can be started any time from October on.

Please make sure to check out the website to get all relevant information on how this course works.

<https://fh-ooe.at/studienangebot/fh-ooe-electives/kurs-angebot-sose-2025/sas-business-analytics-specialist>

There is also a recorded info session on the website explaining the entire course and procedure.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

→ None

COURSE

→ Integrated course / e-learning module and online students workshop

CREDITS

→ 6 ECTS

UNITS

→ n.n.

EXAMINATION MODE

→ Certification exam

LANGUAGE

→ English

WHERE & HOW

→ Self-study course

LECTURER

→ Online course provided by SAS

SAS Life Sciences Analytics Specialization

Content

This SAS specialization consists of 150 hours of SAS learning material and includes:

- **Life Sciences Analytics School:** a Live online format that will be held 1x per year
- **SAS Programming Certification:** an online e-learning format
- **SAS Fundamentals in Clinical Research:** an online e-learning format
- **LEAP study:** a guided usecase and a Live online format that will be held 1x per year

The course results in a dedicated, jointly signed certificate and badge (FH OÖE and SAS).

Dates

This course is a **self-study** course and can be started any time from October on.

Please make sure to check out the website to get all relevant information on how this course works.

<https://fh-ooe.at/studienangebot/fh-ooe-electives/kursangebot-ws-25-26/sas-business-analytics-specialist>

There is also a recorded info session on the website explaining the entire course and procedure.

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

- programming language would be of advantage
- base statistics

COURSE

- Integrated course / e-learning module and online students workshop

CREDITS

→ 6 ECTS

UNITS

→ n.n.

EXAMINATION MODE

- Certification exam

LANGUAGE

- English

WHERE & HOW

- Self-study course

LECTURER

- Online course provided by SAS

Trustworthy AI: Ethics, Human Factors & AI ACT

Content

This lecture introduces students to key ethical, legal, and societal issues related to artificial intelligence. It emphasizes human-centered perspectives, fundamental ethical principles, and the responsible development and deployment of AI systems. Students will develop the ability to critically reflect on the tensions between technological innovation and ethical responsibility and to apply these insights to real-world examples.

After finishing the lecture you will be able to

- Identify and apply key ethical principles and human factors in AI development and deployment
- Understand the structure and objectives of the EU AI Act
- Assess AI systems based on legal and ethical requirements
- Contribute to the design of responsible, human-centered AI solutions in interdisciplinary teams

Dates

22.09.2026	16:00 - 20:00	Online
23.09.2026	16:00 - 20:00	Online
24.09.2026	16:00 - 20:00	Online

Registration

<https://forms.office.com/e/cwHckud8iA>

LEVEL

→ Bachelor / Master

PREREQUISITES

→ None

COURSE

→ Lecture

CREDITS

→ 1 ECTS

UNITS

→ 15

EXAMINATION MODE

→ Final exam

LANGUAGE

→ English

WHERE & HOW

→ Online

LECTURER

→ FH-Prof. Mag. Dr. Martina Gaisch