

Winter Semester 2023/ 2024 – Lectures in English Language

PLEASE NOTE:

- The lectures are listed according to the faculty/study program offered. If you fulfill the pre-requisites, you can take any course from any faculty/study program. There may not be enough room in some labs though.
- If you take courses from different programs and semesters, there might be conflicts in the timetable. The timetable will only be announced shortly before the lecture period starts.
- The list is provisional and subject to change.
- The **red numbers** refer to our Campus Management System “LSF” and allow you to find detailed course descriptions, see <https://www.lsf.hs-weingarten.de>.
- “hrs/week/ SWS” = hours per week per semester, SWS= Semesterwochenstunde(n) in German (1 SWS = 45 minutes).
- With the exception of “Technology Management and Optimization”, the lectures offered in the frame of Master programs are also open for advanced Bachelor students.



Electrical Engineering and Information technology - ei (Bachelor program)
(SEMESTER 2 AND 4 TAKE PLACE IN ENGLISH IN THE WINTER SEMESTER, SEMESTER 1 AND 3 IN THE SUMMER SEMESTER)

Course number	Title	Lecturer	ECTS	Hrs/week
4912	ELECTRICAL ENGINEERING 2: ELECTRODYNAMICS	DODERER	5	4
3947	COMPUTER TECHNOLOGY (GINF)	SIGGELKOW	5	4
1396	MATHEMATICS 3: ANALYSIS 2 WITH EXERCISES	FECHTER	5	4
6048	OBJECT-ORIENTED PROGRAMMING (EQUALS 6925 AND 1805 IN GERMAN)	BERNHARD, DROTLEFF	5	4
Module Metrology 1			5	4
2117	METROLOGY 1	STÖRZER		2
2121	METROLOGY, PRACTICAL TRAINING	STÖRZER/ REISER		2
Computer-Aided Circuit Design 1 - Module			5	4
7077	BASIS PRACTICAL TRAINING ENGINEERING 1+3: PROGRAMMING OF UC	LUDESCHER/ HIDAYOTIN		2
1911	CIRCUIT DESIGN PRACTICAL TRAINING	LUDESCHER / WEBER		2

FOURTH OR HIGHER SEMESTER				
Course number	Title	Lecturer	ECTS	hrs/week
1910	COMPUTER-AIDED CIRCUIT DESIGN 2: CIRCUIT DESIGN (PREREQ. DIGITAL ELECTRONICS KNOW HOW)	SIGGELKOW	5	4
2168	COMMUNICATION TECHNOLOGY	FECHTER	5	4
4651	POWER ELECTRONICS	FARKAS	5	4
5298	ELECTRIC DRIVES (EM4) / POWER TRAIN ENGINEERING(EI4A)	FARKAS	5	4
10277	ROBOT CAR RACING COMPETITION	BERENS	5	4
5839	TRAFFIC TELEMATICS	FECHTER/ MEIER	5	4
7351	PROJECT SEMINAR: SCIENTIFIC WORK (BILINGUAL)	PFEIL / SIGGELKOW/ STÖRZER	5	4
2152	DIGITAL SIGNAL PROCESSING (CHECK FOR TEACHING LANGUAGE! ENGLISH LITERATURE AVAILABLE, EXAM IN ENGLISH POSSIBLE)	GLÖNKLER/ REISER	5	4
Real-Time Programming, Module			5	4
1494	REAL TIME PROGRAMMING	PFEIL		2
1495	REAL TIME PROGRAMMING LAB	PFEIL		2

E-mobility and Green Energy (Bachelor Program) - English taught Study Program

(SEMESTER 2 AND 4 TAKE PLACE IN ENGLISH IN THE WINTER SEMESTER, SEMESTER 1 AND 3 IN THE SUMMER SEMESTER)

Second Semester

Course number	Title	Lecturer	ECTS	hrs/week
1396	MATHEMATICS 3: ANALYSIS 2 WITH EXERCISES	FECHTER	5	4
4912	MODULE PHYSICS 2: ELECTRODYNAMICS	DODERER/ SIEBER	5	4
3947	COMPUTER TECHNOLOGY (GINF)	SIGGELKOW	5	4
7087	AUTOMOTIVE ENGINEERING (BILINGUAL)	REICK	5	4
1421	MATERIALS SCIENCE	FUCHS/ MAI	5	4
Computer-Aided Circuit Design 1 – Module			5	4
7077	BASIS PRACTICAL TRAINING ENGINEERING 3: PROGRAMMING OF UC	LUDESCHER		2
1911	CIRCUIT DESIGN PRACTICAL TRAINING	LUDESCHER / WEBER		2
Module Metrology 1			5	4
2117	METROLOGY 1	STÖRZER		2
2121	METROLOGY, PRACTICAL TRAINING	STÖRZER/ REISER		2

FOURTH OR HIGHER SEMESTER

Course number	Title	Lecturer	ECTS	hrs/week
Real-Time Programming, Module			5	
1494	REAL TIME PROGRAMMING	PFEIL		2
1495	REAL TIME PROGRAMMING LAB	PFEIL		2
1904	AUTOMATION, REALTIME PROGRAMMING, PRACTICAL TRAINING (PART OF MODULE EMBEDDED SYSTEMS (TOTAL) 5 ECTS)	WEISSENSBÜHLER/ GLÖNKLER		
5298	ELECTRIC DRIVES (EM4) / POWER TRAIN ENGINEERING(EI4A)	FARKAS	5	4
4651	POWER ELECTRONICS	FARKAS	5	4
7351	PROJECT SEMINAR: SCIENTIFIC WORK (BILINGUAL)	PFEIL / SIGGELKOW/ STÖRZER	5	4
10277	ROBOT CAR RACING COMPETITION	BERENS	5	4
5839	TRAFFIC TELEMATICS	FECHTER	5	4
4913	HYBRIDS IN CARS	FARKAS	5	4
2152	DIGITAL SIGNAL PROCESSING (CHECK FOR TEACHING LANGUAGE! ENGLISH LITERATURE AVAILABLE, EXAM IN ENGLISH POSSIBLE)	GLÖNKLER/ REISER	5	4
1910	COMPUTER-AIDED CIRCUIT DESIGN 2: CIRCUIT DESIGN (PREREQ. DIGITAL ELECTRONICS KNOW HOW)	SIGGELKOW	5	4
2168	COMMUNICATION TECHNOLOGY	FECHTER	5	4

Physical Engineering (Bachelor Program) - English taught Study Program*

***SEMESTERS 1, 2 AND 3 ARE TAUGHT IN ENGLISH ENTIRELY, FROM SEMESTER 4 THE STUDY PROGRAM IS TAUGHT IN GERMAN!**
DURING SUMMER SEMESTER LECTURES FROM SEMESTERS 1 AND 3 ARE OFFERED IN ENGLISH, DURING WINTER SEMESTER FROM SEMESTER 2

Second Semester

Course number	Title	Lecturer	ECTS	hrs/week
10243	ANALYSIS 2 - DIFFERENTIAL EQUATIONS AND VECTOR ANALYSIS	SMAGA	5	4
10238	TUTORIAL ANALYSIS 2	SIEBER / N.N	-	2
1418	PHYSICS 2 ELECTRODYNAMICS	KLEMT / SIEBER	5	4
10239	TUTORIAL PHYSICS 2: ELECTRODYNAMICS	SIEBER / BAUMGARTEN	-	2
1408	MATERIALS	KOLACYAK	5	4
10274	CAD (PART OF DESIGN 1 - MODULE??)	SCHUPP	5	2
7351	PROJECT SEMINAR: SCIENTIFIC WORK	SIGGELKOW / PFEIL	5	4
Design 1 - Module			5	4
2166	TECHNICAL MECHANICS	PFEFFER	5	2
Software Development - Module			5	4
6053	SOFTWARE DEVELOPMENT	EBERHARDT	5	2
6054	PRACTICAL SOFTWARE DEVELOPMENT	EBERHARDT / HERZER		2
Electronics TE 1 - Module			5	4
6052	ELECTRONICS TE 1	VOGEL	5	2
2218	PRACTICAL ELECTRICAL ENGINEERING / ELECTRONICS	VOGEL / SIEBER		2

IPE – Industrial Project Engineering (Bachelor Program) - English taught Study Program *

***SEMESTERS 1 - 4 ARE TAUGHT IN ENGLISH ENTIRELY, FROM SEMESTER 4 THE STUDY PROGRAM IS TAUGHT IN GERMAN!**
DURING SUMMER SEMESTER LECTURES FROM SEMESTERS 1 AND 3 ARE OFFERED IN ENGLISH, DURING WINTER SEMESTER FROM SEMESTER 2

Second Semester

Course number	Title	Lecturer	ECTS	hrs/week
6807	PROCESSES AND AUTOMATION IN PHOTOVOLTAICS	NIEDERMEIER, FATH	5	4
2354	ADVANCED ENGINEERING MECHANICS	STETTER, WINKLER	5	4
10524	STATICS AND MECHANICS OF MATERIALS	WINKLER	5	4
2236	ENGINEERING DESIGN AND MATERIALS	NIEDERMEIER, BAUER	6	6
10208	TECHNICAL DRAWING AND CAD	STETTER	5	4
10717	PRODUCT ENGINEERING WITH POLYMER MATERIAL	NIEDERMEIER, SCHREIER-ALT	5	4
1421	MATERIALS SCIENCE	FUCHS/MAI	5	4

Electrical Engineering and Embedded Systems - EMM (Master Program)

Course number	Title	Lecturer	ECTS	hrs/week
1876 + 6894	ADVANCED MATHEMATICS FOR ENGINEERS 1 + LAB	SCHNEIDER	10	8
6895	CIRCUIT & SYSTEMS 1 – SYSTEM-ON-CHIP	SIGGELKOW	5	4
1895	SIMULATION OF MECHATRONICS	WÖLLHAF	5	4
6896	SIGNAL PROCESSING 1 + LAB	SCHULTER/ GLÖNKLER	5	4
3124	EMBEDDED COMPUTING	PFEIL/ FESSLER	5	4
7945	LIDAR AND RADAR SYSTEMS – PROFILE AUTONOMOUS	ELSER	5	4
3244	SW – HW DESIGN	SIGGELKOW	5	4
1856	SYSTEM ANALYSIS AND SIMULATION WITH LABVIEW FOR MASTER	HOHL	5	4
2354	ADVANCED ENGINEERING MECHANICS	STETTER / WINKLER	6	6
7553	ROBOCUP@HOME SEMINAR FOR MASTERS	STÄHLE/ PRASAD	5	4
7455	ADVANCED SOFTWARE DEVELOPMENT FOR AUTONOMOUS MOBILE ROBOTS	STÄHLE/ PRASAD	5	4
10277	ROBOT RACING COMPETITION	BERENS	5	4
10280	AUTONOMOUS DRIVING	GRÖSCH	3	2
2236	ENGINEERING DESIGN AND MATERIALS	NIEDERMEIER	6	4
Module Embedded Control			5	4
7118	EMBEDDED CONTROL SEMINAR	BERGER/ SCHOLZ		2
7453	EMBEDDED CONTROL LAB	BERGER/ SCHOLZ		2

Mechatronics - MM (Master Program)

Course number	Title	Lecturer	ECTS	hrs/week
1876 + 6894	ADVANCED MATHEMATICS FOR ENGINEERS 1 + LAB	ERTEL / BONENBERGER	5	4
4441	POWER ELECTRONICS	FARKAS	5	4
1905	PROCESS INTERFACE EQUIPMENT	RUF	5 (8 ECTS TOGETHER WITH LAB ON PROCESS INTERFACE EQUIPMENT)	4
1895	SIMULATION OF MECHATRONIC SYSTEMS	WÖLLHAF	5	4
3124	EMBEDDED COMPUTING – CORRESPONDING LAB IN SS	PFEIL	5	4
2354	ADVANCED ENGINEERING MECHANICS	STETTER / WINKLER	5	6
1856	SYSTEM ANALYSIS AND SIMULATION WITH LABVIEW FOR MASTER	HOHL	5	4
7455	ADVANCED SOFTWARE DEVELOPMENT FOR AUTONOMOUS MOBILE ROBOTS	STÄHLE / PRASAD	5	4
7553	ROBOCUP@HOME SEMINAR FOR MASTERS	STÄHLE / PRASAD	5	4
10280	AUTONOMOUS DRIVING	GRÖSCH	3	2
2236	ENGINEERING DESIGN AND MATERIALS	NIEDERMEIER	6	4

International Academy – one or two semesters of interdisciplinary study program in English
on Bachelor Level **(TAKING SINGLE/ INDIVIDUAL COURSES IS ALSO POSSIBLE)**

Course number	Title	Lecturer	ECTS	hrs/week
10716	BUSINESS GERMAN IN 14 DAYS: 18.-20.10 9:45 – 16:30 IN PRESENCE, 06.11.-18.12.2023 ONLINE	TÖRÖK, JUDITH	5	BLOCK SEMINAR AND WEEKLY
7206 / 2272	<i>INTRODUCTION SUSTAINABILITY/ SEMINAR FOR SUSTAINABILITY (ONE OF THE TWO WILL BE OFFERED)</i>	ERTEL/ KERN PFEIL	3	2
10105	PRACTICAL SALES PROJECT SEMINAR (RAFI)	FUSS	5	BLOCK SEMINAR, 20.10., 23.11., 11.12., 08.01., 22.01.
10244	INTERCULTURAL CHALLENGES IN CUSTOMER AND ACCOUNT MANAGEMENT	KADAM	5	2
10612	INTERNATIONAL BUSINESS PROJECT (TRIP TO MALAGA) APPLICATION UNTIL SEPT 10TH (PLS SEE MY EMAIL OF 01.08.23)	NIERSBACH, HOHL	5	06.-10.11.2023
10245	INNOVATION AND VIRTUAL LEADERSHIP (ONLINE)	PIANSOONGNERN	5 (MARKED CASE STUDY)	2
10718	STRATEGIC MARKETING (ONLINE)	SMIRNOVA	5	2
3585	INTERNATIONAL MARKETING (ONLINE)	AHMADI / NIERSBACH	5	2
10247	SUCCESSFUL SEMINAR PRESENTATIONS, DIALOGUES AND MEETINGS	HOHL	2	BLOCK SEMINAR
3968	CHANGE MANAGEMENT AND NEW WORK	WALTER	5	2

Bachelor Level - Lectures in English language in various study fields

Course number	Title	Lecturer	ECTS	hrs/week
1825	Operating Systems	Zeller – Applied Computer Science	4	4
10524	Statics and Mechanics of Materials	Winkler	5	4

Master Level - Lectures in English language in various study fields

Course number	Title	Lecturer	ECTS	Hrs/week
3227	Advanced Computer Graphics	Scherzer – Computer Science IN	10	8
3939	Computational Methods in Engineering	Harth – PEM	3	2
7671	Advanced Controlling	Neff -BWU	5	4

Some lectures in the study program **“Media Design”** can be offered in English as they are offered as a project – if you are interested, kindly let me know in advance, so that I can check the possibilities -<https://www.rwu.de/studieren/studiengaenge/mediendesign?destination=%2Fhochschule%2Ffakultaeten%2Felektrotechnik-und-informatik%23studiengaenge#studieninhalte>

Lectures from the **Faculty S (Social Work etc.)** are offered mostly in German. If you have a German level of B1 and are interested to take some, kindly let me know in advance, so that I can get in touch with the faculty to check which courses are project-based and more practically oriented so that they might fit for you - <https://www.rwu.de/hochschule/fakultaeten/soziale-arbeit-gesundheit-und-pflege#studiengaenge>

Language Lectures and Intercultural Seminars (CLIC)

German as a foreign language = Deutsch als Fremdsprache (DaF)

+ Support Courses throughout the semester

Course number	Title	Lecturer	ECTS	Hrs/week
4382	DaF A1 Attention: The course starts with a two-week intensive course from Sept 18 - 29, 2023 and will be continued on Wed from 08:30- 13:00 throughout the semester Wed, Oct, 11.	Jurcsik	4	4
4634	DaF A2 Attention: The course starts with a two-week intensive course from Sept 18 - 29, 2023 and will be continued on Wed from 08:30- 13:00 throughout the semester Wed, Oct, 11.	Nonnenbroich, Neudert-Ramos, Gockel	4	4
xxxx	DaF A2 - Additional Support Course, starting Oct ?	Geisler		
4630	DaF B1 Attention: The course starts with a two-week intensive course from Sept 18 - 29, 2023 and will be continued on Wed from 08:30- 13:00 throughout the semester Wed, Oct, 11.	Ronssin, Hägele, Harder, Herz	4	4
10687	DaF B1 - Additional Support Course, starting Oct 12 - ONLINE	Spitzner		
4631	DaF B2 Attention: The course starts with a two-week intensive course from Sept 18 - 29, 2023 and will be continued on Wed from 08:30- 13:00 throughout the semester Wed, Oct, 11.	Gärtner, Burg, Bahmann, Jacob-Rauch	4	4
10688	DaF B2 - Additional Support Course - WRITING, starting Oct 13 - ONLINE	Spitzner		
10079	DaF C1.2, starts Oct 11 - ONLINE	Jacob-Rauch	2?	4

Course number	Title	Lecturer	ECTS	Hrs/week
10214	English B1 (originally for EU1+2/ FT1+2/ M1+2 students) – Module with B2, pls discuss with CLIC if you can participate for less credits	Le Roy	-	2
10215	English B2 (originally for EU1+2/ FT1+2/ M1+2 students) – Module with B1, pls discuss with CLIC if you can participate for less credits	Le Roy	5 (if you do both B1 + B2)	2
7753, 8168	Professional English, B2 (two groups)	Walz	5	4
3318	Professional English 1, B2 (originally for BM2 students – two groups) – Module in connection with Prof. Engl 2. If you want to participate, please discuss with CLIC, if you can do that for less credits!	Sheehy	2 (Module 5)	2
6848	Professional English 1, B2 (originally for TW1 students – Module in connection with Prof. Engl 2. If you want to participate, please discuss with CLIC, if you can do that for less credits!	Connor	2 (Module 5)	2
7367	Professional English 2, B2 (four groups) originally for BM3 students – Module in connection with Prof. Engl 1. If you want to participate, please discuss with CLIC, if you can do that for less credits!	Ironside, Walz, Boerger	2 (Module 5)	2
7137	Professional English 2, B2 (originally for TW2 students) – Module in connection with Prof. Engl 1. If you want to participate, please discuss with CLIC, if you can do that for less credits!	Connor	2 (Module 5)	2
10708	English Conversation with a bit of Grammar – Intermediate B1-B2	Rivière	2	2
10210	Improve your speaking skills C1	Hopkins	2	2
10194	ESP – Student EQ Edge – Emotional Intelligence and your Success	Hopkins	2	2
8179	ESP – Get on the right track	Hopkins	2	2
7398	ESP – English for Marketing – ONLINE	Brady – Kühnapfel	2	2
10342	ESP -Vital Skills for the future Manager / Leader	Hopkins	2	2
10598	Intercultural Team- and project management	De Silva	5	4
156	Italian, A1.1 for beginners	Esposito-Depprich	2	2
4370	Italian, A1.1	Esposito-Depprich	2	2
6415	Italian, A1.2	De Pascale Speck	2	2
10712	Italian, B1, Conversazione in lingua Italiana livello B1	De Pascale Speck	2	2

10205	French, A1.1. for beginners	Ristau	2	2
3324	French, A1.2	Ristau	2	2
3985	French, A2.1	Ristau	2	2
4220	Brazilian – Portuguese, A1.1 – for beginners	Neudert Ramos	2	2
6312	Brazilian – Portuguese, A1.2	Neudert Ramos	2	2
10745	Introduction to Japanese Culture in cooperation with Budapest Business School UAS	Horvath	?	Block Seminar 23.+24.10. 14:15 –
3322	Japanese, A1.1 (for beginners)	Akiya, Michiko	2	2
6313	Japanese, A1.2 (from Lecture 5 or basic knowledge required)	Akiya, Michiko	2	2
10695	Japanese, A2.2	Akiya, Michiko	2	2
10002	A1.1 Spanish for Beginners	Buhrmann, Köslér	2?	3
2039	Spanish, A2.1	Buhrmann	2	2
3979	Spanish, B1.1	Buhrmann	2	2
16	Russian, A1.1 for beginners	Manal	2	2
5578	Russian, A1.2	Manal	2	2
4612	Turkish, A1 for beginners	Dumann	2	2
10642	Turkish A2	Dumann	2	2
10690	Turkish, B1, Structures of communication	Duman	2	2
6392	Creating a professional CV and conducting a job-winning interview	Ironside	2	Block Seminar, 13.+14.10. 17.+18.11.23
10709	Bridging cultures for Global Cooperation	Boerger	2	Block Seminar, 21.10.+04.11
10473	Moderating Meetings and Work Sessions	Rudolph	2	Block Seminar, 21.10.+28.10.+11.11.23.

4656	Intercultural Sensitization	De Pascale Speck & Team	1	Block Seminar, 17.+18.11.23
7395	Fit für wissenschaftliches Schreiben, High-level of German knowledge required (at least B2, possibly C1, pls check with CLIC) - ONLINE	Kong, Vees, Zinke	2	2

