

Courses taught in English at Albstadt-Sigmaringen University, Germany
as of 12.09.2019.

Bachelor level

If not mentioned otherwise, the classes will be offered during **each semester**. The number in the right hand column with the column title **Sem.** indicates the semester level (i.e. 3 = 2nd year, 1st semester; 6 = 3rd year, 1st semester). **Students can mix classes from each semester level (Bachelor students only on Bachelor level, Master students on both Bachelor and Master level) and also from different campuses.**

Courses related to Business:

a) Albstadt campus:

Lecturer	Title	Code	Credits	Sem.
Prof. Gerhards	<p>Quality Management I:</p> <ul style="list-style-type: none"> The students get an overview of the different aspects of quality and quality management. The students get an overview of processes in product- an quality management of clothing companies and their influence to quality The students learn the link between quality and sewing faults. The students learn different methods to find the reasons for bad quality 	IP 20090 (BT 24010)	2 ECTS	4
Prof. Gerhards	<p>Quality Management II:</p> <ul style="list-style-type: none"> The students learn the necessity of quality-management-systems in companies The students get an overview of the ISO 9000 ff family and learn to work with it The students can develop the philosophy of Total Quality Management out of ISO 9004 	IP 20100 (BT 24530)	3 ECTS	6
Prof. Kimmerle	<p>Textile Ecology and sustainability</p> <p>In the lecture, we examine and elaborate possible strategies for textile and clothing companies, how to setup an efficient working CSR team. We compare certification facilities and best available technologies within the complete global textile supply chain. From the idea, through efficient product development processes of garments and textile products, social and sustainable production processes and facilities, logistics to the retail and end of use of the products, we try to leave as little as possible footprint.</p> <p>Keywords: Case Studies, Eco labels, Textile Alliances, Green Technologies, Restricted Substance lists, EMAS, GRI, GOTS, Bluesign, Ökotex, Fair Wear</p>	IP 20055	4 ECTS	6

	Foundation, SA8000, Carbon Footprint, Textile Exchange,			
Dr. Thudium	International Business Studies / Global Economy: <ul style="list-style-type: none"> • Economic systems • Basics on microeconomics as well as macroeconomics • Monetary policy 	IP 40021+ IP 40022 (WI 41011 +WI 41012)	8 ECTS	7
Prof. Dr. Sommer	Practical Research Project I/ Introduction to Scientific Research Students learn how to do research in the first part of the semester and then start a project to demonstrate their acquired knowledge in a technical or business-related area	IP 40015 (WI 24505 StuPO 13.2)	5 ECTS	4
To be determined	Project work for Bachelor thesis Topics to be discussed (only for students in their final year with major in Business)	WI 51010	12 ECTS	7

b) Campus Sigmaringen (detailed module descriptions please see pp. 7- 9)

Lecturer	Title	Code	ECTS	Sem.
Prof. Dr. Wolf	International Business 1 Global trade/FDI, global markets, international strategies, internationalisation theory, intercultural aspects, country assessment, ethics, etc.	IP 60020 (BW 37510)	6	6
Prof. Dr. Sachse	International Business 2 Corporate Governance, CSR, risk management, International Human Relations, International Marketing, International Operations Management, International Organisational Design, etc.	IP 60030 (BW 38010)	6	7
Prof. Dr. Wolf	International Business Seminar – Case Study Analysis Case Study Analysis, Harvard Case Study Method, on International Management Behaviour, International Business, International Marketing, Internationalisation Process Two group assignment, scientific paper, presentations on current topics of IB	IP 60041 + IP 60042 (BW 38511+ BW38512)	6	6

Courses related to Textile (Albstadt campus only):

Lecturer	Title	Code	Credits	Sem.
Prof. Gerhards	Industrial Manufacturing I <ul style="list-style-type: none"> • The students learn basic sewing methods • The students learn how to sew pockets, cuffs and collars. • The final project will be the production of a men's shirt. 	IP 20121	4 ECTS	1
Prof. Baum	Pattern Construction <ul style="list-style-type: none"> • Basic pattern construction for blouse, dress and skirt 	IP 20010	3 ECTS	1

	<ul style="list-style-type: none"> • Modifications of darts, variation of sleeves • Size charts for different product groups (men, women, children) • Mass customization 			
Prof. Gerhards	Industrial Manufacturing IV <ul style="list-style-type: none"> • The students learn the sewing of a men's jacket step by step. • The final project will be the production of a women's jacket according to self-chosen sizes. ! Only for students who have a solid knowledge of sewing.	IP 20080	5 ECTS	4
To be determined	Industry-related project Textile-related Only for students with a background in textile who know how to design and sew garments.	IP 20110	12 ECTS	6
To be determined	Project work for Bachelor thesis Topics to be discussed, please contact us in advance. Only for Textile students in their final semester.	BT 51010	12 ECTS	7

Courses related to Informatics (Albstadt campus only)

Lecturer	Title	Code	Credits	Sem.
to be determined	Project Business Informatics Pre-requisite: Student must be proficient in programming in Java, C# and C++	IP 50030 (WN 31310)	5 ECTS	5
to be determined	Project work for Bachelor Thesis Pre-requisite: Student must be proficient in programming in Java, C# and C++, only for students in their final study semester.	WN 40310 / TI 51010	12 ECTS	7
to be determined	Internship semester on request for students who are staying for 2 semesters			

Courses related to Engineering (Albstadt campus only):

Lecturer	Title	Code	Credits	Semester
To be determined	Project work for Bachelor thesis Topics to be discussed Only for students who are in their final year in Mechanical Engineering.	MA51010	12 ECTS	7
To be determined	Project Topics to be discussed, only for students with background in Mechanical Engineering	IP 30010 (MA 33500)	10 ECTS	6
Dr. Tijani	Matlab (description see p. 6)	IP 33525	2,5 ECTS	6

Courses related to Life Sciences (Sigmaringen campus only):

Lecturer	Title	Code	Credits	Semester
To be determined	Project work for Bachelor thesis Topics to be discussed Only for students who are in their final year in Food Technology / Nutrition.	LE51000	12 ECTS	7
Prof. Dr. Winkler	Project: The research project is an in-depth study of an issue or topic from all fields related to food (food technology, food processing, packaging, process control, quality management,...), nutrition, appliance technology and hygiene. It may be in the form of a small-scale research study, a case study, a program evaluation or a report on a field placement.		5 ECTS	5 - 7
Prof. Dr. M. Schmid	Basics in Food Packaging Technology: This seminar presents a basic overview of food packaging technology.		5 ECTS	6
Prof. Dr. C. Gerhards	Food Technology: Students know how food is composed. They learn how molecular properties influence the physical and chemical properties of foodstuffs. They are informed, how food is being processed, involving their knowledge about molecular properties of food.		5 ECTS	3
Prof. Dr. Klingshirn	Physical Food Analysis: The module covers the theory of as well as practical training in various analytical techniques used in modern physical analysis of food ingredients and processed foods.		2,5	6
Prof. Dr. Klingshirn	Food Development: Continuous product development is a crucial success factor in food industry, from refining of an established product range to developing completely new products.		2,5	6

Prof. Dr. Maier-Nöth	Applied Sensory and Consumer Science: Understanding food choices is of fundamental importance for product development/improvement. Sensory & consumer science can help to understand some of the key factors influencing food choices. This course focuses on real-world expertise and explores new techniques, as well as the foundational theory behind current methods of sensory evaluation & consumer science for both edible and non-edible products.		5	6
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Language courses (Albstadt campus):

Lecturer	Title	Code	Credits	Sem.
Mrs. Ritter + Mr. McKinney	Foreign language (Technical English + Business English)	IP 10051+ IP10052 (WI 14005 WI 14010)	5 ECTS	1+2
Mrs. Rembold	Technical English	IP 10030 (SG10182)	2,5 ECTS	1-4
Mr. Schmittinger	Business English	IP 10010 (SG10091)	2,5 ECTS	1-4
Mr. Schmittinger	English Conversation and Grammar	IP 10020 (SG10181)	2,5 ECTS	1-4
Mrs. Aumair	German as a Foreign Language – Beginners	IP 11010 (SG10171)	2,5 ECTS	1-4
Mrs. Aumair	German as a Foreign Language – A2 level	IP 11020 (SG10172)	2,5 ECTS	1-4
Mrs. Aumair	German as a Foreign Language – B1 level	IP 11050 (SG10173)	2,5 ECTS	1-4
Mrs. Aumair	German as a Foreign Language – B2 level	IP 11060 (SG10174)	2,5 ECTS	1-4
Mrs. Aumair	German as a Foreign Language – C1 level	IP 11110	2,5 ECTS	1-4

Other language courses (Spanish, Swedish, Russian, Japanese, Chinese, French, Italian) are offered with German as language of instruction.

Module: Elective course	Module title: Introduction in MatLab
Semester: Bachelor	Modul-Code: IP33525
Hours / semester: 2	ECTS-credits: 2,5
On offer: semiannual / WS / SS	Language of instruction: English
Lecturer: Dr.-Ing. Yakub Tijani	Responsible Professor: Prof. Dr.-Ing. André Heinrietz
Competences to be acquired: Students <ul style="list-style-type: none"> • Have knowledge about MatLab progamme structure • Can transfer mathematical tasks in MatLab algorithms • Can programme error-free MatLab skripts 	
Content: <ul style="list-style-type: none"> • MatLab workbench structure • Data types, handling matrices and vectors • Programming loops • Branching • Subroutines / functions • How to use complex MatLab library functions (data fit, optimization, equation solving) • MatLab – Central user community 	
Literature: <ul style="list-style-type: none"> • MatLab Manual, Ver. 2016 	
Teaching form: Laboratory 15 x 2 h = 30 SWS (blocked, 3 x 10h), exact dates in WebUntis	
Workload: 2,5 ECTS = 75 workload (WL), containing: <ul style="list-style-type: none"> • Lectures 30 WL • Preparation presentation 45 WL 	
Exam: <ul style="list-style-type: none"> • Presentation 	

International Business 1

Course title: International Business 1		Code: 3750	
Courses: International Business 1		Level: 3	
Lecturer: Prof. Dr. Sachse Prof. Dr. Schmidt-Endrullis	Teaching Method: Lecture, Cases, In-class discussion, Group Work	ECTS: 6	SWS: 4
Work Load: Contact time: 45h, Preparation: 45h, Reflection: 35h, Exam preparation: 25h			
Expected Knowledge Courses from the first four semesters		Course volume: 150h	Semester: 6
Usability of this course: Course 38010: International Business II			
<p>Course objectives</p> <p>With the completion of this course, students will gain an overview of basic aspects of globalization and its impact on international business. The students will developed a basic understanding of the main actors and institutions. They have an overview of international economies and understand the context of political, economical, socio-cultural and institutional environment. They have a basic understanding of relevant internationalization theories, can analyze countries and international customer segments on its attractiveness, know possible internationalization strategies and market entry forms and can comparatively evaluate them.</p> <p>In contrast to "International Business 2", students develop know-how on the main questions on how to start with the internationalization process of the firm and the successful design of international market entry from entrepreneurial/managerial perspective.</p> <p>The presentation charts used in-class as well as cases and readings are available at ILIAS Learning platform of our Faculty Business Science and Management, www.hs-albsig.de.</p>			
<p>Course description</p> <ul style="list-style-type: none"> - Globalisation, foreign direct investment, international trade, emerging markets (Bottom of the Pyramid phenomenon), political, economical, social and institutional environment - International economic regions, Institutions and organisations - Intercultural aspects of international business - Internationalization theories (3Es, Configuration approach, GAINS, Uppsala-Model, Born-Global, network theory) - Country selection, country evaluation, management of country portfolios - International strategies (strategic options for market entry, internationalization process) <p>In each semester guest lecturer speak about current problems and share experiences (recent speakers: Transparency International, Nokia Siemens Network, Ifolor, Walz, Federal Ministry for Economic Cooperation and Development, Daimler)</p>			
<p>Literature:</p> <p>Griffin, R.W./Pustay, M.W.: International Business, Pearson Lassere, P.: Global Strategic Management, Palgrave Peng, M./Meyer, K.: International Business, Cengage Learning Volberda, Henk W./Morgan, Robert E./Reinmoeller, Patrick/Hitt, Michael/Ireland, Duane, R./Hoskisson, Robert E.: Strategic Management, Cengage Learning J. Wild/K. Wild: International Business, Pearson</p>			
Assessment: Written exam (90min.)		Language: English	

International Business 2

Course title: International Business 2		Code: 38010	
Courses: International Business 2		Level: 3	
Lecturer: Prof. Dr. Sachse	Teaching Method: Lecture, Cases, In-class discussion, Group Work	ECTS: 6	SWS: 4
Work Load: Contact time: 45h Preparation: 45h Reflection: 35h Exam preparation: 25h			
Expected Knowledge Modul 37510: International Business I Usability of this course: Modul 52510 (M.Sc. Betriebswirtschaft und Management): Interkulturelles Management Modul 52520 (M.Sc. Betriebswirtschaft und Management): Internationale Unternehmensbeziehungen		Course volume: 150h	Semester: 7
Course objectives With the completion of this course, students will gain deeper knowledge on the central functions for developing the international activities abroad after the initial market entry. In contrast to "International Business 1", students develop know-how on the main questions on how to operate and manage international activities (e.g. international human resources and labor relations, procurement, international/export marketing, sales, supply chain management, organizational design, corporate governance) The presentation charts used in-class as well as cases and readings are available at ILIAS Learning platform of our Faculty Business Science and Management, www.hs-albsig.de .			
Course description - International Human Resource Management - (International Leadership Concepts, International Staffing, Training, Performance Appraisal, Expatriates) - International Operations Management (Sourcing, Supply Chain, Manufacturing, Logistics) - International Marketing & Export Management (selected aspects on international pricing, international product/branding, international distribution, international communication) - International Organizational Design - International Corporate Governance within the context of CSR and Business Ethics In each semester guest lecturer speak about current problems and share experiences (recent speakers: Transparency International, Nokia Siemens Network, Ifolor, Walz, Federal Ministry for Economic Cooperation and Development, Daimler)			
Literature: Dowling, P.J./Festing, M./Engle, A.D.: International Human Resource Management, Cengage Goergen, Marc: International Corporate Governance, Pearson Griffin, R.W./Pustay, M.W.: International Business, Pearson Hollensen, Svend: Global Marketing, Prentice Hall Lasserre, Philippe: Global Strategic Management, Palgrave Macmillan Peng, M./Meyer, K.: International Business, Cengage Learning Wild/K. Wild: International Business, Pearson			
Assessment: Written exam (90min.)		Language: English	

Seminar International Business

Course title: Seminar International Business		Code: 38510	
Courses: Seminar International Business		Level: 3	
Lecturer: Prof. Dr. Sachse	Teaching Method: Seminar, Cases, Group Work	ECTS: 6	SWS: 4
Work Load: Contact time: 45h Writing Paper: 75h Preparation presentation: 30h			
Expected Knowledge Courses 21010: BWL Seminar		Course volume: 150h	Semester: 6
Usability of this course: Course 38010: International Business II			
Course objectives After completing the module, students are capable of using scientific methodology to solve real life management problems within international business context. Students can analyse a complex assignments independently and know how to use literature to build a sound theoretical foundation. The main focus is on application-oriented assignments from the international business practice. Furthermore, the students after conclusion of this course will be able, on the basis of international management theories, to analyse the given case, develop initial ideas, use tools and models to solve the main case problem. In the final presentation the students defend the ideas in plenum.			
Course description <ul style="list-style-type: none"> - Case study analysis, critical analysis and application of modern management concepts in international business - Structuring and development of complex problem solving activities with specific requirements in international business, testing/approval of theoretical concept in real life situation - Description of variables, connections, solutions and recommendations - Scientific documentation, presentation and defending of ideas and knowledge Cases and main questions vary in each semester and consist of current challenges within the main areas of international business such as intercultural management, internationalisation process, market entry mode, international management operation, international human resources, international supply chain, international corporate governance)			
Literature: <ul style="list-style-type: none"> - Griffin, R.W./Pustay, M.W.: International Business, Pearson - Lassere, P.: Global Strategic Management, Palgrave - Peng, M./Meyer, K.: International Business, Cengage Learning - J. Wild/K. Wild: International Business, Pearson - Yin, Robert: Applications of Case Study Research - Applied Social Research Methods, Sage - Skern, Tim: Writing Scientific English, UTB 			
Assessment: Case Study Preparation, Paper, Presentation		Language: English	

Master level

(Courses are only offered once a year, please check the entry in the column "Sem.")

Albstadt campus:

Lecturer	Title	Code	Credits	Sem.
Mr. Jeffrey	International Finance & Controlling: <ul style="list-style-type: none"> • International finance management, basics of international trade • Foreign investigation: Motive, strategy and forms • International risk management • Supranational institutions: Global Governance, WTO, World bank, IMF • International Accounting Process • Introduction to Corporate Finance in the US • Accounting Statements and Cash Flow • Long-term financial planning and growth • present and future value • capital budgeting, short-term finance and planning, credit management, financial distress • International controlling 	IP 25060 (53510 /WPF WIM)	2,5 ECTS	M.Sc., spring sem.
Dr. Caruthers	Modern Technologies	IP 45030 (WIM 51010)	2,5 ECTS	M.Sc. winter sem.
Dr. Caruthers	Innovations- and Technology Management	IP 45100 (WIM 53520)	2,5 ECTS	M.Sc. winter sem.
To be determined	Research project – Technics	IP 45060 (54010)	5 ECTS	M.Sc. spring sem-
To be determined	Research project – Business	IP 45070 (54020)	5 ECTS	M.Sc. spring sem.
Mrs. Ritter	International Business Communication	IP 45030 (53020)	2,5 ECTS	M.Sc. winter

Master level

(Courses are only offered once a year, please check the entry in the column "Sem.")

Sigmaringen campus:

Lecturer	Title	Code	Credits	Sem.
To be determined (all professors from LS)	Innovation project	FPD57010	5 ECTS	M.Sc. spring / winter semester
Prof. Klingshirn Prof. Gerhards	Technology and Innovation Management: Novel food processing technologies, introduction in innovation management, focusing on ideation and idea selection process in food and pharma industry	FPD57500	5 ECTS	winter sem.

Module descriptions ALB:

Course: Innovation and Technology Management	
Module Code: 54030	Credits: 2,5 ECTS (5 GB credits)
Contents: <ul style="list-style-type: none">• Basics of product development (incl. requirements / tools of TS 16949)• Basics of process development• Customer inspired innovation• Change management• Tools of innovation management : rapid prototyping, TRIZ & WOIS• Specials aspects of innovation management: trade fairs, target costing, product liability• Case studies: innovative enterprises	
Literatur: <p>Mockenhaupt A. et al.: „Werkzeuge im Innovationsmanagement“, Verlag Dr. Harald Winter, ISBN 3-89825-521-2, Berlin 2002 (DVD-ROM mit Video beim Autor)</p> <p>Bergmann G. (Hrsg.: Olfert, K.): „Innovation - Kompakt-Training“, Kiehl-Verlag, 2000</p> <p>Pepels, W.: „Innovationsmanagement“, Cornelsen-Verlag, 1999</p> <p>Bullinger, H.-J., Warschat, J.: „Forschungs- und Entwicklungsmanagement“, Teubner Verlag, 1997</p> <p>Herstatt, C., Verworn, B.: „Management der frühen Innovationsphasen“ Gabler Verlag, 2003</p> <p>E. Enkel, Ch. Kausch: Customer Driven Innovation - KTI-Projekt: Implementierung von Methoden der Kundeneinbindung im Innovationsprozess. Universität St. Gallen, Institut für Technologiemanagement ITEM, Arbeitskreis Marktorientierte F&E durch Kundenintegration</p>	