C>ONSTRUCTOR UNIVERSITY



International Foundation Year

CONTENTS

Contents	2
Basic Information	3
Program Overview	4
The Constructor University Bremen Educational Concept	4
Program - Specific Educational Aims	4
Qualification Aims	5
Intended Learning Outcomes	5
Program Structure	7
Teaching, Learning and Assessment Strategies	7
Regulations	8
Admission Requirements	9
More Information and Contact	9
Meet the IFY Team	10
Curricular Structure	11
Overview	11
Core Modules	11
Modules by Subject Area	13
Schematic Study Plan	15
Module Descriptions	16
Core Modules (1st semester)	16
Core Modules (2nd semester)	23
Modules by Subject Area	30

BASIC INFORMATION

Program Name:	International Foundation Year (IFY)
Туре:	Pre-degree
Level:	Level 0 (Pre-university)
Exit award:	International Foundation Year Certificate (IFYC)
Award notes:	The Program is offered in three subject areas: Technology, Science and Society at Level 0. Successful completion of the IFY program within the two different pathways Qualification and Orientation is recognized by Constructor University Bremen as an element in securing progression to several specified undergraduate degree programs. Students within the Qualification pathway are also required to pass the TestAS exam for progression.
Modes of study:	All students will be full-time students. Teaching language is English, and no German knowledge is required for the studies.
Age requirements:	All students must be at least 16 years old when entering the program.

Award	Standard entry requirements				
International Foundation Year Certificate (IFYC)	CEFR B1/5.0 IELTS (or equivalent)				
	Minimum academic requirement is a High School Diploma/Certificate recognized as a higher education entrance qualification in Germany. Recognition is determined following guidance of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany ("Kultusministerkonferenz", KMK) and the State of Bremen.				

PROGRAM OVERVIEW

THE CONSTRUCTOR UNIVERSITY BREMEN EDUCATIONAL CONCEPT

Constructor University Bremen (CUB) aims at educating students for both an academic and a professional career, putting an emphasis on four fundamental objectives: academic quality, self-development and personal growth, internationality, and the ability to succeed in the working world (employability). Hence, undergraduate study programs at CUB offer a comprehensive and structured approach to prepare students for graduate education as well as career success by combining disciplinary depth and interdisciplinary breadth supplemented with skills education and extra-curricular elements.

In this context, it is CUB's aim to educate talented young people from all over the world, regardless of nationality, religion, and material prerequisites, to become citizens of the world who can take responsible roles for a democratic, peaceful, and sustainable development of the societies they live in. This is achieved by employing high levels of teaching quality as well as manageable study loads and supportive curricular conditions. Undergraduate study programs including study abroad components convey academic knowledge as well as the ability to interact positively with other individuals and groups in culturally diverse environments. The ability to succeed in the working world is a core objective both in terms of the actual disciplinary subject matter and social skills coupled to intercultural competence. Study-program-specific and specialization modules provide the necessary depth, interdisciplinary offerings and minor options provide breadth, while university-wide general foundation and methods modules, German language courses, and an extended internship period strengthen the employability of students. The concept of living and learning together on an international campus with many cultural and social activities supplements this education. Additionally, CUB offer professional advising and counselling as part of its guidance services.

CUB's educational concept is appreciated both nationally and internationally. While the university has consistently achieved top marks over the last decade in Germany's most comprehensive and detailed university ranking by the Centre for Higher Education (CHE), it has also been listed by the renowned Times Higher Education (THE) magazine as one of the top 300 universities worldwide in 2020. The THE Ranking is considered as one of the most widely observed university rankings. It is based on five major indicators: research, teaching, research impact, international orientation, and the volume of research income from industry.

PROGRAM - SPECIFIC EDUCATIONAL AIMS

The International Foundation Year (IFY) is a pre-degree preparatory program, enabling young students from all over the world to enhance their English language capabilities,

develop study skills appropriate to a Higher Education environment and acclimate to living and studying in another country where cultural context is very different from their own. Alongside language and skill development, students working towards the International Foundation Year Certificate are also able to study content modules in the subject area directly related to undergraduate programs onto which they wish to progress. They are therefore able to move onto first year degree studies with increased confidence in their English language skills, university study skills and subject knowledge. Students will also be exposed to the fundamentals of coding as an important aspect of the modern job market. The TestAS (www.testas.de) entrance exam is taken during the International Foundation Year if needed. The IFY program also includes an elective Career Development module that supports students with study skills and career guidance to assist them in their decision of study direction.

QUALIFICATION AIMS

The IFY program at Constructor University Bremen (CUB) aims to help students:

- develop academic reading, writing, and reasoning skills by offering English academic literacy;
- improve mathematical competence by providing intensive mathematics and statistics training;
- bolster foundational knowledge required for their academic discipline of choice;
- train for the TestAS exam;
- develop coding and computer literacy skills;
- develop knowledge and understanding of specialized subject areas;
- recognize what is expected of them in a university environment;
- take part in some modules offered in the undergraduate program that would best suit their interests, with possibility of credit transfer;
- expand their academic and personal qualifications through advising and career development customized to the needs of an IFY student at CUB;
- broaden socio-cultural horizons and intercultural skills through study trips, on-site visits, and involvement in the diverse international campus community.

INTENDED LEARNING OUTCOMES

By the end of the program, students will be able to:

- understand what is expected of them in a university environment;
- choose a study direction they would like to pursue;
- apply improved academic English thinking, reading and writing skills in an academic context;
- use improved mathematical skills to solve applied problems;
- use digital devices to create, gather, analyse and present information;
- Iearn and work in an intercultural and diverse environment;
- reflect on their personal and professional development.



PROGRAM STRUCTURE

All IFY students study a combination of CORE and SUBJECT modules. CORE modules include English, Mathematics, Career Development and Computational Thinking & Coding. Furthermore, the IFY students follow one of the following two pathways (Qualification or Orientation pathway), depending on their academic status and personal development goals:

A | Qualification Pathway

The students who want to pursue an undergraduate program of choice at CUB but are not academically qualified for direct entry are guided onto the Qualification Pathway. The IFY program offers three subject areas to choose from: Technology, Science and Society. The Qualification pathway includes two subject modules within a subject area (one module per semester) which prepares students with the academic skills needed for their direction of study. Students will also receive training sessions for the TestAS qualification exam they need to complete for their direction of studies. They will be guided by the academic staff in order to work towards the qualification requirements within their individual study direction to ensure guaranteed admission to the university's undergraduate programs. These subject areas will provide students with a route to a degree at Constructor University Bremen. Students also have the unique opportunity to take part in relevant undergraduate modules of choice to gain experience and/or transfer credits, these modules can be part of their major or minor curriculum.

B | Orientation Pathway

The students who are unsure about what to study and would like to explore more than one subject area to get some insight on the right undergraduate study program choice are guided onto the Orientation Pathway. The IFY program offers three subject areas to choose from: Technology, Science and Society. The Orientation Pathway enables the selection of SUBJECT modules in different subject areas (one module per semester) preparing them with the academic skills needed for their direction of study while providing them with the opportunity to explore between subject direction. These subject areas will provide students with a route into a degree at Constructor University Bremen guided by the academic staff to assist them in their decision of study direction. Students also have the unique opportunity to take part in undergraduate modules of choice to gain experience or transfer credits. Students have the freedom to choose any first-year modules which could contribute to their major or minor.

TEACHING, LEARNING AND ASSESSMENT STRATEGIES

The IFY program is implementing a range of adaptive and innovative approaches to teaching, learning and assessment. Students and their personal development are at the heart of these strategies:

- A | The IFY students are provided with a highly supportive and academically challenging environment to develop their English language and university study skills. The predegree preparatory program provides not only core preparatory skills, but also subjectspecific modules related to the students' intended degree choices.
- **B** Students will benefit from a less formal teaching approach, involving greater interactivity within classes and between students and instructors more questioning of received opinion and a significant step towards establishing the students as autonomous learners. The students' confidence is boosted through working in discrete and small teaching groups, by the promotion of student participation in a supportive and encouraging environment, and by devoting time in formal classes to reinforcement of material studied.
- **C** | Cultural acclimation to a higher education environment is facilitated through encouragement to participate in the wider community of both CUB and Bremen itself.
- D | The IFY program aims to cater for both students who are sure of the degree subject they wish to follow and those who are still undecided. For the first group the different subject areas offer subject focused modules over two semesters, which provides direct preparation for the chosen degree program. For those still uncertain there is the opportunity of taking IFY modules from two different subject areas during the two semesters of the International Foundation Year.
- **E** | Alongside the modules, students may engage in a Career Development module, which provides ample opportunity for students to be introduced to and reflect on the requirements of study in a higher education environment. The module focusses on academic and life skills of a wider purpose, which helps prepare students not only for their degree studies but also gain a jump start on their career development, professional skills, and gain a unique understanding of the international job market.
- **F** | Regular tutorial sessions provide an opportunity for students to reflect on their study progress, for the instructor to monitor their progress and provide any additional support the students might need to strengthen weaker knowledge areas.
- **G** A range of modes of assessment are applied to include assignments, group and individual presentations, projects and interim tests, in order to replicate the wider university experience. Midterm and final module assessments provide the contribution to the final module grade.

REGULATIONS

Students studying within the IFY program follow a set of regulations appropriate to a Level 0 program but modelled to CUB's undergraduate students. Variations are only introduced to cover the requirements of a pre-degree program, particularly around reassessment opportunities.

To progress from the program directly onto CUB's degree programs, students will need to pass all IFY modules with a minimum of 45%. In addition, students enrolled on the Qualification Pathway will need a cumulative standard TestAS score of 190 points, as they do not have an Abitur or equivalent qualification. With the TestAS score the final examination of

the second semester subject module within the different subject areas will serve as the "Entrance Examination" for Admission to Constructor University Bremen qualified abroad, according to the Bildungsausländerhochschulzugangsverordnung (BAHZV). As part of the entrance requirement for the International Foundation Year program students need to have achieved the English language requirement for university entrance.

ADMISSION REQUIREMENTS

All students who obtain a high school diploma or local equivalent prior to the start of the program and who possess English language skills equivalent to the B1 level of the European Framework may apply for the International Foundation Year. The application process is selective and seeks out motivated students who show both the intellectual and social potential to thrive in a diverse international study environment.

A complete International Foundation Year application consists of the following:

- Online Application Form including a Personal Motivation Statement
- Recommendation Letter from a counsellor or teacher
- Certified copies of school transcripts of the last 2-3 years and a certified copy of the High School Certificate
- Educational History Form
- Proof of English Language Proficiency (minimum score of 65 on the TOEFL iBT / 5.0 on the IELTS (UK) / 46 on the Pearson PTE Academic or the Cambridge Certificate (FCE) / 90 on the Duolingo English test)

Please note for the Fall 2023 intake: Students who require a visa for Germany should apply by June 15th since the visa process can take up to two months. The application deadline for EU students is August 1st. Applications are evaluated on a rolling basis.

MORE INFORMATION AND CONTACT

INTERNATIONAL FOUNDATION YEAR TEAM AT CONSTRUCTOR UNIVERSITY BREMEN

Email: foundationyear@constructor.university

MEET THE IFY TEAM

THE INTERNATIONAL FOUNDATION YEAR TEAM AT CONSTRUCTOR UNIVERSITY BREMEN

The core team will support students throughout the academic year with both academic and non-academic concerns.



Romy Skade

Coordinator International Foundation Year





Hanri Landers

Head of International Foundation Year



Dr. Bassem Bassil

Head of Academic Development Academic Advisor Science Subject-Area

The IFY Faculty will support students throughout the academic year by means of academic advising, teaching, tutoring and provide guidance within their subject specific field.



Tamara von Drathen

IFY Faculty Academic Advisor Society Subject-Area

Faculty



Holm Hofmann

IFY Faculty English and German Lecturer



Muhammad Khalid

IFY Faculty Academic Advisor Technology Subject-Area

CURRICULAR STRUCTURE

OVERVIEW

The IFY program offers CORE modules which are mandatory for all students and SUBJECT modules, which are mandatory elective. The IFY students will follow one out of the two pathways according to their academic status: Qualification Pathway and Orientation Pathway.

In the Qualification Pathway, the students take all CORE and SUBJECT modules belonging to the same subject-area over two semesters whiles training for the TestAS external exam will also be provided. In the Orientation Pathway the students may change subject areas between semesters and take the respective CORE and SUBJECT modules. The chosen first semester modules do not postulate any restrictions for the second semester choices unless they need prerequisites. The subject areas in the IFY program are Technology, Science and Society. The modules in the IFY program ranges from 2.5-5 ECTS credit points (CP). A total of five core modules and two subject specific modules in each pathway can be achieved. Additionally, two undergraduate modules and/or two language modules are available by choice and transferable per academic year.

All these modules are delivered and assessed within each semester and are available for compensation and re-assessment in line with the regulations covering study at Level 0.

CORE MODULES

English & Academic Literacy I & II (5.0 credit points each)

The language learning content is skills based and maps against IELTS level descriptors for Band 6 in Writing, Reading, Listening and Speaking. In each of their two semesters all students take a module in which the focus is on greater fluency in English language skills and improved academic literacy skills. In the first semester, the module focuses on building a strong foundation of academic English proficiency and in the second semester, students are introduced to the scientific approach to study with an emphasis on higher-level skills such as analysis, synthesis, critical thinking, and evaluation. The students will undergo an English proficiency Placement Test at the beginning of the semester to identify any language deficiencies. Respective students will be offered an additional English training course parallel to the module.

Basic/Advanced Mathematics (5.0 credit points each)

These modules revise high school material in mathematics and strengthen the understanding of major topics required for successful undergraduate study. Students are placed in one of the modules, Basic Mathematics or Advanced Mathematics, delivered in Semester one of the Program, depending on their study direction and performance on a Mathematics Placement Test upon arrival. The intention is to consolidate their basic skills before tackling the subject-specific Mathematics modules in the second semester.

Pure Mathematics (5.0 credit points)

This second semester module is a follow-up for 'Advanced Mathematics' and is a mandatory module for students in the subject-area 'Science' and 'Technology'. Since developed mathematical skills are essential for students in these subject areas, 'Pure Mathematics' provides them with the essential knowledge and tools to be properly prepared for the respective undergraduate degrees at Constructor University Bremen. The course covers main topics in introductory algebra and calculus, and the study sessions include extensive problem solving as well as tutorials.

Foundation Statistics (5.0 credit points)

This second semester module is essential for students continuing their studies within the subject-area 'Society', particularly in the areas of business and management, logistics, and social sciences and humanities. Fundamental knowledge in statistics is essential for degrees within these areas, and this is what the module 'Foundation Statistics' provides for students in this specific subject-area. The module covers main topics in statistical analysis and probability, sampling, and confidence limits, as well as correlation and regression. The study sessions include extensive application of statistical concepts on applied models.

Computational Thinking and Coding I & II (2.5 credit points each)

This module is delivered in the first and second semester of the International Foundation Year. Students will analyse problems, refine concepts, and reflect upon the decision-making process by engaging in design, coding and computational thinking, and sustainable action. They will identify, explore, and clarify technological information and use that knowledge in various situations and challenges. Learners get information about modern and in-demand programming languages in the world. It further helps in experimenting, drawing, modelling, designing, and working with digital tools and includes basic concepts of coding.

TestAS Training I & II (2.5 credit points)

This module is designed to prepare and inform students about the TestAS external exam, particularly those students who are not academically qualified for direct entry to Constructor University Bremen and enrolled in the IFY Qualification Pathway. During the IFY program students have the unique opportunity to take part in the external TestAS exam TWICE during the academic year. This exam qualifies students within their direction of study along with core skills needed for entry to tertiary education in Germany.

Career Development (2.5 credit points)

The module is designed to support and guide students within their study direction while focusing on the potential career paths it may leads to. Students have the unique opportunity

to start their career development during their Foundation Year by meeting industry professionals, gaining valuable networking and professional skills to jump-start their career path while studying. It further enables students to attain the needed study skills to succeed at university, while focusing on their individual and cultural awareness, thus supporting them to flourish at Constructor University Bremen and within the global working environment.

MODULES BY SUBJECT AREA

Subject Area TECHNOLOGY

Computer Systems (5.0 credit points)

In this module, students will be introduced to the structure and components of computer systems, as well as the essential components and responsibilities of operating systems. By gaining knowledge of how computers operate, including Windows and Linux operating systems, students will establish a solid foundation for their degree studies.

Fundamentals of Programming with Python 3 (5.0 credit points)

In this module, students are introduced to the fundamentals of programming. They will be provided with an overview of the core principles of the Python 3 programming language and will have the opportunity to enhance their programming skills by actively coding with Python 3. The teaching methodology will incorporate theoretical explanations and troubleshooting sessions, but a substantial portion of the module will be dedicated to hands-on practical work, allowing students to actively learn and engage with Python 3.

Subject Area SCIENCE

Foundation Chemistry (5.0 credit points)

Chemistry is an essential discipline for any student wanting to continue their studies in natural, physical, and biological sciences at CUB. The first semester module 'Foundation Chemistry' hence provides the students within the subject area 'Science' with an overall and basic knowledge of the various fields within chemistry. Topics covered include fundamental aspects of general, analytical, inorganic, physical, and nuclear chemistry. The study sessions will be supplemented with a first overview of research methods within chemistry.

Foundation Physics (5.0 credit points)

Alongside chemistry, physics is a complementary discipline in science, and a basic knowledge of relevant topics in physics is a requirement for students to start their undergraduate studies at CUB within the different scientific degrees. The second semester module 'Foundation Physics' provides the students with such knowledge, and covers areas within mechanics, material science, introductory electronics, and optics. Same as with 'Foundation Chemistry', this module also gives a first impression of research within physics.

Subject Area SOCIETY

Foundation Business and Management (5.0 credit points)

The module introduces students to the internal and external context of business practice and management. It delves into key business aspects including strategic management, marketing, human resources, crisis management, globalization, and social responsibility. It also aims to provide students with the appropriate foundation of business theory and

concepts that will enable them to be successful in their later related undergraduate studies in the fields of business, industrial engineering, or social sciences.

Introduction to Social Sciences (5.0 credit points)

The overall aim of this module is to provide students with a general introduction to social sciences with a focus on the areas of sociology, economics, politics, and international relations. It aims to provide students with the appropriate foundation in social sciences theories and concepts as well as their applicability in relation to the fields of business, industrial engineering, and social sciences.



SCHEMATIC STUDY PLAN

	Qualification pathway – choose one specific subject area					
	Technology		Science		Society	
	Academic English & Literacy I	m, 5.0 CP	Academic English & Literacy I	m, 5.0 CP	Academic English & Literacy I	m, 5.0 CP
ster	Advanced Mathematics	m, 5.0 CP	Advanced Mathematics	m, 5.0 CP	Basic or Advanced Mathematics	me, 5.0 CP
l semes	Computational Thinking & Coding I	m, 2.5 CP	Computational Thinking & Coding I	m, 2.5 CP	Computational Thinking & Coding I	m, 2.5 CP
Fal	TestAS Training I	m, 2.5 CP	TestAS Training I	m, 2.5 CP	TestAS Training I	m, 2.5 CP
	Computer Systems	m, 5.0 CP	Foundation Chemistry	m, 5.0 CP	Foundation Business and Management	m, 5.0 CP
	UGE Choice or UGE Language	e, 2.5-7.5 CP	UGE Choice or UGE Language	e, 2.5-7.5 CP	UGE Choice or UGE Language	e, 2.5-7.5 CP
	Academic English & Literacy II	m, 5.0 CP	Academic English & Literacy II	m, 5.0 CP	Academic English & Literacy II	m, 5.0 CP
_	Pure Mathematics	m, 5.0 CP	Pure Mathematics	m, 5.0 CP	Foundation Statistics	m, 5.0 CP
emeste	Coding & Computational Thinking II or Career Development	me, 2.5 CP	Coding & Computational Thinking II or Career Development	me, 2.5 CP	Coding & Computational Thinking II or Career Development	me, 2.5 CP
pring s	TestAS Training II	e, 0.0 CP	TestAS Training II	e, 0.0 CP	TestAS Training II	e, 0.0 CP
- v	Fundamentals of Programming with Python 3	m, 5.0 CP	Foundation Physics	m, 5.0 CP	Introduction to Social Sciences	m, 5.0 CP
	UGE Choice or	e, 2.5-7.5 CP	UGE Choice or	e, 2.5-7.5 CP	UGE Choice or	e, 2.5-7.5 CP

	Orientation pathway – choose up to two subject areas							
	Technology		Science		Society			
	Academic English & Literacy I	m, 5.0 CP	Academic English & Literacy I	m, 5.0 CP	Academic English & Literacy I	m, 5.0 CP		
ter	Advanced Mathematics	m, 5.0 CP	Advanced Mathematics	m, 5.0 CP	Basic or Advanced Mathematics	me, 5.0 CP		
semes	Computational Thinking & Coding I	m, 2.5 CP	Computational Thinking & Coding I	m, 2.5 CP	Computational Thinking & Coding I	m, 2.5 CP		
Fall	Computer systems	m, 5.0 CP	Foundation Chemistry	m, 5.0 CP	Foundation Business and Management	m, 5.0 CP		
	UGE Language	e, 2.5 CP	UGE Language	e, 2.5 CP	UGE Language	e, 2.5 CP		
	UGE Choice	e, 7.5 CP	UGE Choice	e, 7.5 CP	UGE Choice	e, 7.5 CP		
	Academic English & Literacy II	m, 5.0 CP	Academic English & Literacy II	m, 5.0 CP	Academic English & Literacy II	m, 5.0 CP		
s	Pure Mathematics	m, 5.0 CP	Pure Mathematics	m, 5.0 CP	Foundation Statistics	m, 5.0 CP		
emestel	Coding & Computational Thinking II or Career Development	me, 2.5 CP	Coding & Computational Thinking II or Career Development	me, 2.5 CP	Coding & Computational Thinking II or Career Development	me, 2.5 CP		
oring se	Fundamentals of Programming with Python 3	m, 5.0 CP	Foundation Physics	m, 5.0 CP	Introduction to Social Sciences	m, 5.0 CP		
S	UGE Language	e, 2.5 CP	UGE Language	e, 2.5 CP	UGE Language	e, 2.5 CP		
	UGE Choice	e, 7.5 CP	UGE Choice	e, 7.5 CP	UGE Choice	e, 7.5 CP		

MODULE DESCRIPTIONS

Core Modules (1st semester)

Module Name	Module Name			Level	ECTS	
ACADEMIC E	NGLISH AN	D LITERACY I		FOUNDATION	5.0	
Module Compon	ents					
Number	Name			Туре	ECTS	
	Seminar style o	classes		Tutor-led	5.0	
Module	Program Affiliation				us	
Coordinator	International	Foundation Year				
IFY Head of	CORE modul	le Semester One		Mandatory for al	HFY	
Entry			Frequency	Forms of Learni	ng and	
Requirements			Trequency	Teaching		
Pre-requisites	Co-	Knowledge, Abilities, or	Once a year, Fall	Tutor-led but i	nteractive	
	requisites	Skills	semester	classes (35 ho	urs)	
⊠ High School		Basic English Janguaga		Tutor-led Tuto	orials (7	
		and academic study		hours)		
	□None	skills		Directed and independent log	orning	
				(83 hours)	anning	
			Duration	Workload		
			One semester	125 hours		
during the module Content and Edu This is the first development of t onto the second English competer	e and a supportin cational Aims semester mand he English skills semester. Throu nce in the conte	ng reading list. atory CORE module for a of students joining the IFY ugh this module the stude ext of their on-going acade	II IFY students. The program with the air nts are made aware emic studies. Detaile	e aim of this moo m of successful co of the critical imp ed topics are inclu	dule is the ontinuation ortance of ded in the	
Intended Learnin	ag Outcomes					
 By the end of this module, students will be able to Produce well-structured written text. Show controlled use of the conventions used in academic writing. Demonstrate an understanding of a range of written texts which are of a general and academic nature. Express themselves with a degree of fluency and accuracy. Listen for specific information and for gist. Learn new vocabulary. Use reading strategies for academic texts. Participate in and contribute to group discussions. Take thorough and organized notes while listening to academic lectures. Acquire oral presentation skills. 						
Usability and Rel Academic English IFY program. It pr their undergradua	Usability and Relationship to other Modules Academic English & Literacy I is a CORE module studied during the first semester by all students joining the IFY program. It prepares students with the proper English knowledge for studies in other modules as well as in their undergraduate studies					

Assessment

Midterm and Final Assessment Scope: Topics studied as covered by the Learning Outcomes Weight: 40% Midterm Exam (listening, reading, writing) 60% Final Written Exam A passing grade of at least 45% is needed to complete the International Foundation Year and be able to move on to degree studies at Constructor University Bremen.



Module Name	Module Name			Level	ECTS	
BASIC MATH	IEMATICS			FOUNDATION	5.0	
Module Compon	ents		l.	L.		
Number	Name			Туре	ECTS	
	Seminar style cl	asses		Tutor-led	5.0	
Module	Program Affiliat	tion		Mandatory Stat	us	
Coordinator	International F	oundation Year		-		
IFY Head of	CORE module	Semester One	Mandatory prere	equisite for		
Academics		1		'Foundation Stat	istics'	
Entry			Frequency	Forms of Learni	ng and	
Requirements	Co requisitos	Knowledge Abilities	Once a vear Fall			
Fie-requisites	Co-requisites	or Skills	semester	I utor-led but i alagana (25 ba	nteractive	
🖾 High School			Serifester		urs) viala (7	
Diploma	⊠ None	Basic knowledge of		- Tutor-lea Tuto	mais (7	
□ None		Mathematics on the				
		high school level		independent le	earning	
				(83 hours)	Jannig	
			Duration	Workload		
			One semester	125 hours		
Recommendatio	ns for Preparatio	n				
Students should i	review their basic	mathematical skills from l	high school to get pre	epared for the cour	se. Course	
slides and book c	hapter are provide	ed beforehand so that stu	idents can come pre	pared to class.		
Content and Edu	icational Aims				II. 1 I	
I his is the first se	emester Mathema	itics CORE module for st	udents of the 'Socie'	ty' study subjects.	It is also a	
mathematical co	ncepts required t	for students interested	in continuing their	studies within bu	siness and	
humanities. The r	nodule content co	vers main areas of introd	luctory algebra. Deta	iled topics are incl	uded in the	
module's syllabus	6.		, 0	·		
Intended Learnir	ng Outcomes					
By the end of this	module, students	will be able to				
Perform basic r	nathematical oper	rations.				
Apply their kno	wledge in the mos	st efficient way through s	olving exercises.			
Learn how to us	se mathematics to	model and solve everyd	ay problems.			
Understand the	e concepts of ratio	nal and irrational number	rs.			
Solve linear and	d quadratic equati	ons.				
Graph linear eq	uations and inequ	alities.				
Know the basic	s of probability.					
Develop and fa	ctorize polynomia	l and rational expression	S.			
Solve systems of linear equations.						
Work with roots and radicals.						
Usability and Relationship to other Modules						
Basic Mathematics prepares students for the following Mathematics CORE module 'Foundation Statistics', it						
is also providing the rundamental mathematical tools for other modules within the "Society" subject area.						
Assessment Midterm and Fina	al Assessment					
Scope: Topics studied as covered by the Learning Outcomes						
Weight: 40% Mid	dterm Written Exa	m	-			
60% Fin	al Written Exam					
A passing grade of	of at least 45% is r	needed to complete the li	nternational Foundat	ion Year and be ab	le to move	
on to degree studies at Constructor University Bremen.						

Module Name			Module Code	l evel	FCTS	
				FOUNDATION	50	
ADVANCED				1 COND/THOM	0.0	
Module Compon	Nama			Turne	ECTS	
Number	Seminar style cl	2000		Tutor-led	50	
Madula				Mandatama Otat	0.0	
Module	Program Attiliat	lion 		Mandatory Stat	JS	
IFY Head of		Somester One		Mandatory prere	auisite for	
Academics	- CORE module	Semester One		'Pure Mathemati	cs'	
Entry			Frequency	Forms of Learni	ng and	
Requirements				Teaching		
Pre-requisites	Co-requisites	Knowledge, Abilities,	Once a year, Fall	Tutor-led but i	nteractive	
🛛 High School		OF SKIIIS	semester	classes (35 ho	urs)	
Diploma	□ ⊠ None	Advanced knowledge		Iutor-led luto houro)	orials (7	
		of Mathematics on		Directed and		
		the high school level		independent le	arning	
				(83 hours)	Janning	
			Duration	Workload		
			One Semester	125 hours		
Recommendatio	ns for Preparatio	n				
Students should r	eview their mathe	matical skills from high so	chool to get prepared	for the course. Co	urse slides	
Content and Edu						
This is the first se	emester Mathema	tics CORF module for st	udents of the 'Techr	ology' and 'Sciend	ce' subiect	
areas. It is also	a prerequisite c	ourse for 'Pure Mather	natics'. It introduce	is the needed as	pects and	
requirements of r	mathematical know	wledge for students inter	ested in continuing	their studies withir	n sciences,	
engineering, and	technology. The	module content covers	main areas in introd	uctory algebra and	d calculus.	
Detailed topics an		noquie's syllabus.				
Intended Learnin	ig Outcomes					
By the end of this	module, students	will be able to				
Perform advance	ced mathematical	operations.				
Apply their know	wledge in the mos	at efficient way through so	olving exercises.			
Learn how to us	se mathematics to	model and solve everyda	ay problems.			
Solve and grap	h linear and quadr	atic equations and inequa	alities.			
Identify polynomial	mial functions.					
Factor quadration	ic functions using	different methods.				
Explain roots, e	exponentials, and l	ogarithms.				
Use the unit cir	cle approach to ex	kplain and graph trigonon	netric functions.			
Work with trigonometric equations and identities.						
Perform vector operations.						
Usability and Relationship to other Modules						
it is also providing the fundamental mathematical tools for other modules within the 'Science' and 'Technology'						
subject areas.						
Assessment						
Midterm and Final Assessment						
Scope: Topics studied as covered by the Learning Outcomes						
weight: 40% Mic	aterm Written Exa	m				
A passing grade o	of at least 45% is r	needed to complete the Ir	nternational Foundat	ion Year and be ab	le to move	
on to degree stud	lies at Constructor	r University Bremen.				

Module Name	Module Name			Level	ECTS		
COMPUTAT	COMPUTATIONAL THINKING AND			FOUNDATION	2.5		
CODINGI							
Module Compon	ente						
Number	Name			Туре	ECTS		
	Seminar style	classes		Tutor-led	2.5		
Module	Program Affil	iation		Mandatory Stat			
Coordinator	i rogram Ann			Wandatory otat	45		
IFY Head of	Internationa	l Foundation Year		Mandatory for al	II IFY		
Academics	CORE modu	lle Semester One		students			
Entry Requirements			Frequency	Forms of Learni Teaching	ng and		
Pre-requisites	Co- requisites	Knowledge, Abilities, or Skills	Once a year, Fall semester	 Tutor-led but i classes (17.5 h 	interactive		
🛛 High School	,			 Tutor-led Tuto 	orials (3.5		
Diploma		Basic understanding of		hours)			
□ None	🖾 None	computer hardware and		Directed and			
		sortware/applications		independent le	earning		
			Dunatian	(41.5 hours)			
			One semester	62.5 hours			
Pecommendatio	ne for Prenarat	ion		02.0 110010			
Students enrolled	d in this module	may lack prior formal instru	ction in the utilizatio	n of computers an	d software		
suitable for acade	emic pursuits. Ir	nitial classes in this module	will afford students t	he chance to show	vcase their		
proficiency and u	inderstanding o	f this subject matter.					
Content and Edu	icational Aims				¢		
This is the first-se	emester manda nd equips stud	tory CORE module for all IF	Y students. It is also	a prerequisite cou	irse for the		
fundamental com	no equips stud	s and requirements, catering	g to students interes	ted in furthering th	neir studies		
across various su	bject areas. Det	ailed topics are included in	the module's syllabu	is.			
Intended Learnir	ng Outcomes						
Dath and a fabra							
By the end of this	module, studer	its will be able to					
 Define the impositive Improve ability 	to dovelop offoo	tivo algorithms					
 Break down cor 		into smaller, manageable n	arts				
 Identify pattern 	s and regularitie	es in data and processes					
 Simplify complete 	ex systems by fo	ocusing on essential details.					
 Design step-by 	-step instructio	ns to solve problems.					
 Understand var 	iables, data typ	es, and operators.					
Control structu	res: conditionals	s and loops.					
Understand and	d apply a new (p	rogramming) language on a	basic level.				
Design a new programming language on a basic level.							
Usability and Relationship to other Modules							
Computational Thinking and Coding is a CORE module studied in the first semester by students joining the IFY							
program. It is a universal module which relates to all subject areas, as computational thinking and coding is now being used in all disciplines and areas							
Assessment							
Midterm and Final Assessment							
Scope: Topics studied as covered by the Learning Outcomes							
Weight: 40% Mid	Weight: 40% Midterm Written Exam						
60% Fin A passing grade (iai written Exam of at least 45% i	I s needed to complete the In	ternational Foundat	ion Year and he ab	le to move		
on to degree studies at Constructor University Bremen.							

Module Name TESTAS TRAINING I			Module Code	Level FOUNDATION	ECTS 2.5	
Module Compon	ents				<u>h</u>	
Number	Name			Туре	ECTS	
	Training Sessions				2.5	
Module	Program Affiliat	tion		Mandatory State	us	
LEY Head of	International F	oundation Year		Mandatory for st	udents on	
Academics	Common mod	lule for all subject areas		the 'Qualification	ı' pathway	
Fasters	CORE module	Semester One	F	F amma af Lagard		
Entry Pequirements			Frequency	Forms of Learni	ng and	
Pre-requisites	Co-requisites	Knowledge, Abilities, or	Once a year,	 Tutor-led train 	ina (17 5	
		Skills	Fall semester.	hours)	ing (17.5	
🗵 High School				Directed and		
Diploma	🖾 None	Basic high school skills		independent ti	raining (45	
⊔ None				hours)		
			Duration	Workload		
Decommondatio	no for Proporatio		One semester	02.5110015		
Students should r	review their overal	ا ال high school knowledge as	a general prepara	tion for the module	2.	
Content and Edu	cational Aims					
This module pre	pares all students	s for the TestAS exam wh	ich is a needed c	omponent for adm	nissions to	
undergraduate st	udies at Construc	tor University Bremen.				
Intended Learnin	ng Outcomes					
By the and of this	modulo, studente	will be able to:				
Prepare proper	Induite, students	antrance exam				
 Get informed al 	hout the different	modules and subjects with	in the test			
Practice TestAS	S questions throug	ah training sessions				
 Review the mai 	n information nee	ded for the TestAS exam.				
 Train for the core module tests. 						
Train for the subject-specific module tests in the different areas according to subject direction.						
Usability and Rel	ationship to othe	r Modules				
The TestAS Training module is essential for 'Qualification' students of all subject areas in order to pass the						
entrance exam to undergraduate studies at Constructor University Bremen.						
Assessment The TestAS cons	sists of two exam	ination parts: The Core M	odule tests the ge	eneral aptitude to	study; the	
Subject Modules	the field of study-	specific aptitude.				

A combined Standard Score of a minimum of 190 points is needed to be able to move on to degree studies at Constructor University Bremen.



Core Modules (2nd semester)

Module Name	Module Name			Level	ECTS	
ACADEMIC E	NGLISH AND	LITERACY II		FOUNDATION	5.0	
Module Compone	ents		1	l.		
Number	Name			Туре	ECTS	
	Seminar style cla	asses		Tutor-led	5.0	
Module	Program Affiliat	ion		Mandatory Stat	us	
Coordinator	International F	oundation Year				
IFY Head of	CORE module	Semester Two		Mandatory for al	l IFY	
			Frequency	Sudenis	na ond	
Requirements			Frequency	Teaching	ng anu	
Pre-requisites	Co-requisites	Knowledge, Abilities, or	Once a year,	 Tutor-led but i 	nteractive	
		Skills	Spring	classes (35 ho	urs)	
⊠ Academic		English languaga akilla	semester	Tutor-led Tuto	orials (7	
English and	🖾 None	from Academic English		hours)		
		and Literacy I		Directed and		
		,		independent le	earning	
			Duration	Workload		
			One semester	125 hours		
Recommendation	ns for Preparation	1	•			
Preparation prior	to commencing t	he module would include	an outline list of th	ne topics to be stu	died and a	
supporting readin	ig list.					
Content and Edu	cational Aims	ony CODE modulo for all IE	Vatudanta Itia daa	ianad far atudanta	to dovelop	
academic study s	kills to the standa	rd required for undergradu	ate study. The mo	dule will include a	discussion	
of essay structure	e, plagiarism, critic	cality for specific information	on, and the develop	oment of presenta	tional skills	
and seminar discu	ussions. Detailed t	opics are included in the m	odule's syllabus.			
Intended Learnin	g Outcomes					
By the end of this	module, students	will be able to				
 Apply reading s Make decisions 	strategies to read e	extended academic texts.	information			
 Write extended 	academic texts	content and extract userun				
 Listen interactiv 	velv in classes and	lectures.				
 Participate in ac 	cademic discourse	e as both an information pro	ovider and gathere	r.		
Develop critical	reading skills and	interpret information.	.			
Synthesize info	rmation from lister	ning and reading texts.				
Successfully page	articipate in semina	ar discussion.				
Demonstrate based	asic research, spe	aking and presentational sk	cills.			
Cite and refer to	o academic source	es in written and oral form.				
Expand vocabulary to be applied in an academic context.						
Leability and Pelationship to other Modules						
Academic English & Literacy II is a CORE module studied during the second semester by all students joining						
the IFY program. It prepares student with the proper English knowledge for studies in other modules as well as						
in their undergraduate studies.						
Assessment						
Midterm and Fina	I Assessment	w the Learning Outcomer				
Weight: 40% Pre	sentation and Har	ndout 60% Final Written F	xam			
A passing grade o	of at least 45% is r	needed to complete the Inte	ernational Foundat	ion Year and be ab	le to move	
on to degree studies at Constructor University Bremen.						

Module Name			Module Code		FCTS
			Woulde Code	FOUNDATION	50
FOUNDATION ST	ATISTICS			TOONDATION	0.0
Module Components				-	5070
Number	Name			Туре	ECIS
	Seminar style o	lasses		Tutor-led	5.0
Module Coordinator	Program Affilia	ation	Mandatory Stat	us	
IFY Head of	International	Foundation Year		Manufatana Gar	(C ,,,,,,,,
Academics	CORE modul	e Semester Two		Mandatory for	Society
Entry Requirements			Frequency	Forms of Learni	ng and
Pre-requisites			,	Teaching	
	Co-requisites	Knowledge, Abilities,	Once a year,	Tutor-led but	
🗵 Basic		or Skills	Spring	interactive cla	sses (35
Mathematics/Advance		Mathematical	semester	hours)	
	🖾 None	knowledge acquired		Tutor-led Tuto	orials (7
		from the prerequisite		hours)	
		module 'Basic		Directed and independent li	
		Mathematics'		(83 hours)	earning
			Duration	Workload	
			One semester	125 hours	
Recommendations for I	Preparation		•	·	
Students need to revi	ew the mathen	natical knowledge acq	uired from the	prerequisite cour	se 'Basic
Mathematics' or Advand	ce Mathematics.	Course slides and boo	ok chapters are p	rovided beforehar	nd so that
students can come prep	ared to class.				
Content and Education	al Aims				
This is the second seme	ster Mathematic	s CORE module for stud	ents of the 'Socie	ty' study track. It if	
their studies in the disc	iplines within bu	siness, economics, and	social sciences.	The module conte	ent covers
main areas in statistica	l analysis, prob	ability, and sampling ar	nd correlation me	ethods. Detailed t	opics are
included in the module's	s syllabus.				
Intended Learning Outo	comes				
Duthe and of this medul	a atu danta will k	a abla ta			
By the end of this modul	e, students will t				
 Perform basic statistic Apply their knowledge 	ai operations.	vient way through a lyin	aprobleme		
 Apply their knowledge Use statistics in applic 	e in the most end	cient way through solvin	g problems.		
	ckills of statistics.	al projecto			
Analyse datasets through	ugh respective d	istribution tables and ch	arte		
 Lise discrete and cont 	inuque probabili	ty distributions	iai ts.		
 Explain the different ty 	unes of sampling	methods and their prac	ticality		
 Use tests to evaluate t 	the confidence le	vels of sampling metho	de		
Correlate data variable	es and analyse th	eir rearession			
 Prepare properly for a 	n undergraduate	program which include	s statistical meth	ods	
Usability and Relations	hin to other Mor	lules	o otatiotioal metric		
Foundation Statistics is	a CORE module	for all students who are	e interested in co	ntinuina their stud	lies in the
different areas of busin	ess, social scier	nce, and humanities. It	enables the stud	ents, with the fun	damental
needed knowledge in statistics, to enhance their performance within modules that require such knowledge,					
like economics for example. Nowadays, statistics is used in almost all social and natural scientific disciplines.					
Assessment					
Midterm and Final Assessment Scope: Topics studied as covered by the Learning Outcomes					
Scope: Topics studied as covered by the Learning Outcomes Weight: 40% Midterm Assignment					
60% Final Writ	ten Exam				
A passing grade of at lea	ast 45% is neede	d to complete the Interr	national Foundatio	on Year and be abl	e to move
on to degree studies at Constructor University Bremen.					

Module Name			Module Code		FCTS
			Woulle Code		50
PURE MATH	EMATICS			TOURDATION	5.0
Module Compon	ents				
Number	Name			Туре	ECTS
	Seminar style cla	asses		Tutor-led	5.0
Module	Program Affiliat	ion		Mandatory Stat	us
Coordinator	International F	oundation Year			
IFY Academic	CORE module	odule Semester Two		Mandatory for subject	
Director				areas 'Science' a	and
Entre .			F actor and		n n an d
Entry			Frequency	Forms of Learni	ng and
Pre-requisites	Co-requisites	Knowledge Abilities or	Once a vear		ntoractivo
The requisites	oo requisites	Skills	Spring	classes (35 ho	
⊠ Advanced			semester	Tutor-led Tuto	vriale (7
Mathematics	⊠ None	Mathematical skills		hours)	11015 (7
□ None		gained from the		 Directed and 	
		prerequisite course		independent le	earning
		'Advanced Mathomatica'		(83 hours)	-
		Wathematics	Duration	Workload	
			One semester	125 hours	
Recommendatio	ns for Preparation	ו			
Students should r	review their mathe	matical skills from 'Advanc	ed Mathematics' to	get prepared for t	he course.
Course slides and	book chapter are	provided beforehand so th	hat students can co	me prepared to cla	ass.
Content and Edu	cational Aims				
This is the second	semester Mather	natics CORE module for stu	idents of the 'Techi	nology' and 'Scien	ce' subject
area. It follows th	e prerequisite cou	rse 'Advanced Mathematic	s' and develops th	e fundamental ma	thematical
module content of	s interested in co	nunuing their studies with as in introductory algebra a	in sciences, engin and calculus. Detail	led topics are inclu	ology. The Ided in the
module's syllabus	S.				
Intended Learnin	na Outcomes				
	.g - 1				
By the end of this	module, students	will be able to			
Perform advance	ced mathematical	operations.			
Apply their know	wledge in the mos	t efficient way through solv	ving exercises.		
Learn how to us	se mathematics to	model and solve everyday	problems.		
Factor polynom	nial functions using	g synthetic division.			
Graph polynom	ial and rational fur	nctions and inequalities.			
Solve systems	of equation using	various methods.			
Develop expon	ential binomials ar	nd sequences.			
Determine limit	s of various types	of functions.			
Derive and perf	form derivative op	erations on functions.			
Apply different	iation and integrat	ion to mathematical proble	ms and models.		
Usability and Rel	ationship to othe	r Modules			
Pure Mathematic	s provides stude	nts with advanced mathe	matical tools with	in disciplines whi	ch require
developed mathe	matical knowledg	e, it also prepares students	for the first-year u	ndergraduate mod	ules within
the areas of scien	ices, engineering,	and technology.			
		~*			
Scope: Topics et	iu Final Assessme	III			
Weight: 40% Mid	dterm Written Fxa				
60% Fin	al Written Exam				
A passing grade of	of at least 45% is r	needed to complete the Inte	ernational Foundat	ion Year and be ab	le to move
on to degree stud	lies at Constructo	r University Bremen.			

Module Name			Module Code	Level (type)	ECTS	
COMPUTAT	FIONAL THI	NKING AND		FOUNDATION	2.5	
CODING II						
Module Compo	nents					
Number	Name			Туре	ECTS	
	Seminar style	classes		Tutor-led	2.5	
Module	Program Affili	ation		Mandatory Stat	us	
Coordinator	-					
IFY Head of	Internationa	Itional Foundation Year Mandatory Elective for		ive for all		
Academics	CORE modu	le Semester Two	Γ_			
Entry		Knowledge, Abilities, or	Frequency	Forms of Learni	ng and	
Pre-requisites	Co-	SKIIIS	Once a vear.	 Teaching Tutor-led but i 	nteractive	
r ⊠	requisites	Basic practical skills in	Spring semester	classes (17.5 h	iours)	
\boxtimes	⊠ prog Computational	programming language		Tutor-led Tuto	rials (3.5	
Computational				hours)		
Coding I	□ ⊠ None			Directed and		
□ None				(41.5 hours)	earning	
			Duration	Workload		
			One semester	62.5 hours		
Content and Ed This is the Sec understanding of regardless of the specific objecti programming la Intended Learn By the end of thi Define the imp Possess the al Understand th Break down co Identify patter Simplify comp Design step-b Automate solu Connect codir Learn new pro	 thinking abilities, which involve problem-solving in abstract manners. In preparation for the class, students are provided with course materials and book chapters, enabling them to come to class fully prepared. Content and Educational Aims This is the Second semester CORE module for all IFY students. Its primary objective is to impart an understanding of how computation can be utilized to solve problems. Additionally, it aims to instil students, regardless of their major, with a sense of confidence in their capacity to write small programs that can achieve specific objectives. The model's content encompasses key areas related to the practical aspects of programming languages. Detailed topics can be found in the module's syllabus. Intended Learning Outcomes By the end of this module, students will be able to Define the importance of computational thinking. Possess the ability to develop programs and process data to solve problems. Understand the process of problem solving and limitations of coding. Break down complex problems into smaller, manageable parts. Identify patterns and regularities in data and processes. Simplify complex systems by focusing on essential details. Design step-by-step instructions to solve problems. Automate solutions through algorithmic thinking. Connect coding with real-life problems and other subjects.					
pro						
Usability and Re Computational T the IFY program and coding have	elationship to of Thinking and Co . It is a module of become integra	t her Modules ding II is a CORE module stu f broad relevance, spanning a al compon <u>ents across va</u> riou	udied in the second s across all subject are is disciplines and dor	semester by stude as, as computatior mains.	nts joining al thinking	
Assessment						
Midterm and Fir Weight: 40% M Scope: Topics s A passing grade move on to degr	al Assessment idterm Written E tudied as covere of at least 45% ree studies at Co	Exam 60% Final Written Exa ed by the Learning Outcome is needed to complete the Ir onstructor University Bremer	am s Iternational Foundati 1.	ion Year and be ab	le to	



Module Name			Module Code	Leve	ECTS
CAREER DEV	ELOPMENT			FOUNDATION	2.5
Module Compone	ents		<u></u>	<u></u>	
Number	Style			Туре	ECTS
	Seminar style cl	asses		Tutor-led	2.5
Module	Program Affilia	tion		Mandatory Stat	us
Coordinator				,	
IFY Head	International F	-oundation Year		Mandatory Elect	ive for all
	CORE module	Semester Two		IFY students	
Entry			Frequency	Forms of Learni	ing and
Pre-requisites	Co-requisites	Knowledge Abilities	Once a vear.		
FIG-IGQUISICO		or Skills	Spring semester.	classes (17.5 h	Interactive
🗆 High School				semester	
Diploma	🖾 None	■ NA		Directed and	
⊠ None				independent le	earning
			Dunation	(45 hours) / se	emester
			One semester	62.5 hours	
Recommendation	s for Preparatior	<u>ו</u>		02.0 1102.0	
Students should r	ead their intended	I undergraduate program	handbook and conn	ect with an underg	raduate or
post graduate stu	dent involved in th	at direction. Students wil	l further benefit in cro	eating valuable co	ntacts with
whom they can n	network througho	ut their studies. This mo	odule will provide th	nem with valuable	skills and
insights to jump st	tart their career de	evelopment in their Found	lation Year which the	y can utilize throug	ghout their
Studies to develop) their individual c	areer paths.			
	cational Aims	adule for students of all	disciplines. The Care	eer Development r	module will
embody the mise	sion statement of	f Constructor University	Bremen. As such.	the program will	l focus on
increasing the self	f-competence and	d career skills of its IFY stu	udents in a communi	ty characterized b	y diversity.
The program is de	eveloped and base	ed on IFY students' specif	ic needs to flourish v	within Constructor	University
Bremen's education	onal and social en	vironment. Detailed topic	s are included in the	module's syllabus	3.
Intended Learning	g Outcomes				
By the end of this	module. students	will be able to			
 Understand, res 	search and gain va	aluable insights within a s	elected study directi	ion/career path.	
 Connect and ne 	etwork with Indust	rv Professionals in Germa	anv.		
 Gain profession 	al skills such as tir	me management and pre	sentation skills.		
Profit from a net	twork of career gu	uidance and support.			
Develop critical	and strategic thin	iking skills.			
Learn how to we	ork in a team.	-			
Develop study s	skills needed to su	cceed at university.			
Usability and Rela	ationship to other	r Modules			
The career develo	opment module p	rovides students with th	e needed soft skills	such as: professi	onal skills,
study skills, self-a	awareness, career	guidance and how to w	ork within a group/t	eam to succeed ir	ו a diverse
educational enviro	s social networkin	onstructor University Bre	enter and the second se	explores the differ	ent career
for them to make	a more informed c	lecision on their intended	l undergraduate stuc	ly program.	CITITOTOE
Assessment			0	/1 0	
Midterm and Fina	Assessment				
Weight: 40% Tea	am Presentation ar	nd Report			
60% Indi	ividual Poster Pres	sentation	-		
A passing grade c	Idled as covered b of at least 45% is n	y the Learning Outcome:	3 sternational Foundati	ion Vear and be ab	le to move
on to degree stud	ies at Constructor	University Bremen.			

Module Name			Module Code	l evel	FCTS	
TESTAS TRA			Widdle Couc	FOUNDATION	0.0	
Module Compon	ents		1	1		
Number	Name			Туре	ECTS	
	Training Sessior	IS		Tutor-led	0.0	
Module	Program Affiliat	ion		Mandatory Stat	JS	
Coordinator	International F	International Foundation Year Elective for stude				
IFY Head of	 Common module for all subject areas COPE module Semester Ope Elective for students on the 'Qualification' pathw 					
Academics	CORE module Semester One the 'Qualification' particular of the semicons of the semico					
Entry			Frequency	Forms of Learni	ng and	
Pre-requisites	Co-requisites	Knowledge, Abilities, or	once a vear.			
		Skills	Spring	independent ti	aining	
🗵 High School	⊠ TestAS		semester.	(62.5 hours)		
Diploma	Training I	Basic high school skills	Duration	Workload		
□ None □ None One semester 62.5 hours						
Recommendatio	ns for Preparation	ו				
Students should r	review the materia	ls provided in TestAS Trair	ning I as a general p	preparation for the	module.	
Content and Edu	cational Aims					
This module pre	pares all students	s for the TestAS exam wh	ich is a needed co	omponent for adm	nissions to	
Intended Learnin		tor oniversity bremen.				
	ig outcomes					
By the end of this	module, students	will be able to:				
Prepare proper	ly for the TestAS e	entrance exam.				
Get informed a	bout the different	modules and subjects with	in the test.			
Practice TestAs	S questions throug	gh training sessions.				
Review the mai	n information nee	ded for the TestAS exam.				
Train for the co	re module tests.					
Train for the su	bject-specific mo	dule tests in the different ar	reas according to s	ubject direction.		
Usability and Rel	ationship to othe	r Modules				
The TestAS Train	ning module is ess	sential for 'Qualification' st	udents of all subje	ct areas in order t	o pass the	
entrance exam to	undergraduate st	udies at Constructor Unive	the TestAS exam	module will revise	all content	
Accessment			the restau exam.			
The TestAS cons	sists of two exam	ination parts: The Core M	lodule tests the a	eneral aptitude to	studv: the	
Subject Modules	the field of study-	specific aptitude.			,, -	

A combined Standard Score of a minimum of 190 points is needed to be able to move on to degree studies at Constructor University Bremen.

MODULES BY SUBJECT AREA

Subject Area TECHNOLOGY

Module Name			Module Code	Level	ECTS
COMPUTER	SYSTEMS			FOUNDATION	5.0
Module Compo	nents				
Number	Name			Туре	ECTS
	Seminar style	classes		Tutor-led	5.0
Module	Program Affili	ation		Mandatory Status	
Coordinator	Internationa	l Foundation Year		Mondatory for a	ubicat area
Academics	SUBJECT m	odule Semester One		'Technology'	ibject area
Entry			Frequency	Forms of Learni	ng and
Requirements				Teaching	-
Pre-requisites	Co-	Knowledge, Abilities, or	Once a year, Fall	Tutor-led but i	nteractive
🛛 High School	requisites	A basic understanding	Serriester	Classes (35 no	urs) vriala (7
Diploma		of Computer utilities		hours)	ildis (7
□ None	🛛 None	Basic practical skills in		Directed and	
		IT		independent le	earning
			Duration	(83 hours)	
			One semester	125 hours	
Recommendations for Preparation					
Students are exp	pected to posse	ss fundamental computer an	d software skills from	their high school o	or previous
studies. They w	vill be provided	with a recommended readir t themselves with the topics	ng list to refresh the that will be covered o	Ir background kno during the semeste	wledge of
Content and Ed	lucational Aims	t themselves with the topics		aring the semeste	
This is the first	semester man	datory SUBJECT module for	or students of the '	Technology' subje	ect area. It
introduces com	puter systems,	including their structure a	nd components, as	well as an overv	iew of the
essential compo	onents and funct	ions of operating systems. T	he module also cover included in the mod	rs the basics of Wi ule's syllabus	ndows and
Intended Learn	ing Outcomes	en usage. Detaileu topics are	e included in the mod	ule s syllabus.	
By the end of thi	is module, stude	ents will be able to			
Describe the \	/on Neumann ai	rchitecture: CPU, memory, I/	O devices, and buses	S.	
 Know basic m Describe Man 	achine language	e instructions: formats, addre	essing modes, contro	ol flow.	
 Describe Men Explain I/O de 	vices: interfaces	evers, cache organization, vi	nual memory, manaç	gement techniques	5.
 List storage de 	evices: HDDs. S	SDs. optical media, file syste	ems. storage manage	ment.	
 Understand o 	perating system	concepts: process manage	ment, scheduling alg	orithms.	
Describe men	nory manageme	nt and file systems.	, ,		
Explain perfor	mance analysis	: benchmarking, profiling, op	otimization.		
Know network	c principles: prot	tocols, TCP/IP, routing, netw	ork security.		
Demonstrate	an understandin	ng of the Linux and Windows	systems.		
Usability and Re	elationship to o	ther Modules	a of Drogramming	with Duthon 2 " io	designed
specifically for s	students in the '1	Fechnology' subject area. To	aether. these module	es offer suitable ar	oundwork
for students who	o aspire to pursu	ue technology-related degre	es at Constructor Un	iversity Bremen.	
Assessment					
Midterm and Fir	hal Assessment	Even 1609/ Finel Written Ev			
Scope: Topics s	tudied as cover	ed by the Learning Outcome	ann S		
A passing grade	of at least 45%	is needed to complete the Ir	- nternational Foundati	ion Year and be ab	le to move
on to degree stu	idies at Constru	ctor University Bremen.			

Module Name			Module Code	Level FOUNDATION	ECTS 5.0
PYTHON 3					
Module Compo	nents				
Number	Name			Туре	ECTS
	Seminar style	classes		Tutor-led	5.0
Module	Program Affili	ation		Mandatory Stat	us
Coordinator	 International Foundation Year SUBJECT module Semester Two 				
Academics	SUBJECT m	SUBJECT module Semester Two			ubject area
Entry Requirements			Frequency	Forms of Learni Teaching	ng and
Pre-requisites	Co- requisites	Co- Knowledge, Abilities, or Once a year, requisites Skills Spring semest	Once a year, Spring semester	 Tutor-led but i classes (35 ho 	nteractive ours)
⊠ High School Diploma	I High School iploma □ I None ⊠ None	A basic understanding of computing		 Tutor-led Tuto bours) 	orials (7
□ None	🗵 None	concepts and		hours) Directed and	
	algorithms Basic practical skills in IT and programming Duration One semester		independent le	earning (83	
		IT and programming	Duration Workload One semester 125 hours		
 assist in their preparation for the semester, students will be provided with a recommended reading list that covers the topics to be studied. Content and Educational Aims This is the second semester mandatory SUBJECT module for students of the 'Technology' subject area. It serves in equipping students with essential Python 3 coding skills necessary to manipulate various types of data and perform a variety of tasks. Detailed topics are included in the module's syllabus. Intended Learning Outcomes By the end of this module, students will be able to Recognize the purpose and achievability of a programming language. Explain basic principles of Python as a programming language. Develop programming skills using Python. Recognize Python as a user-friendly language with clear syntax and extensibility. Create databases and GUI applications using Python. Apply object-oriented and structured programming techniques with Python 3. Utilize and apply Python 3 effectively. 					
 Undergo work Calua amontion 	shop sessions l	earning how to program with	n Python 3.		
	elationshin to o	e use of Fython S to provide	programming solution		
Fundamentals of Computing with Python 3 is a subject area-specific module in 'Technology'. Alongside other modules such as 'Computer Systems,' it offers students the necessary groundwork to excel in technology-					
Assessment Midterm and Fir Weight: 40% Mi 50% Final Scope: Topics s A passing grade on to degree stu	nal Assessment idterm Written E Written Exam + tudied as covere of at least 45% idies at Constru	ixam 10% Final Oral Exam ed by the Learning Outcome is needed to complete the I ctor University Bremen.	s nternational Foundat	ion Year and be al	ble to move

Subject Area SCIENCE

Module Name			Module Code	Level	ECTS
FOUNDATION CHEMISTRY			FOUNDATION	5.0	
Module Compon	ents				
Number	Name			Туре	ECTS
	Seminar style cla	asses		Tutor-led	5.0
Module Coordinator	Program Affiliat	ion		Mandatory Status	
IFY Head of Academics	 International Foundation Year SUBJECT module Semester One 			Mandatory for subject are	
Entry			Frequency	Forms of Learni	ng and
Requirements	Co roguioitos	Knowladge Abilities		Teaching	
Pre-requisites	Co-requisites	or Skills	semester	Tutor-led but i classes (35 bo)	nteractive
🛛 High School				 Tutor-led Tuto 	rials (7
Diploma	🛛 None	A basic scientific		hours)	,
		school		Directed and	
				(83 hours)	earning
			Duration One semester	Workload 125 hours	
Recommendatio	ns for Preparation	<u>ו</u>		120110010	
Students should r	eview their science	e material from high scho	ol to get prepared fo	or the course. Cou	rse slides
and book chapter	are provided befo	prehand so that students o	an come prepared t	o class.	
Content and Edu	cational Aims	SLIB IECT module for stu	dents of the 'Science	a' subject areas. It i	ntroduces
a needed overvie	ew of fundamenta	I chemical knowledge to	students interested	d in continuing the	eir studies
within biological	and physical scier	nce disciplines. The modu	le content covers a	reas in introductor	ry general,
Intended Learnin	cal and physical ci	ternistry. Detailed topics a	are included in the m	iodule's syllabus.	
By the end of this	module, students	will be able to			
Understand the	e general aspect of	f introductory chemistry.			
Use chemical c	oncepts to explair	n processes in various scie	entific disciplines.		
Apply chemical	knowledge to solv	ve applied problems.			
 Gain a first implies 	ression on chemic	al research.			
 Recognize the d Perform calculation 	ations involving st	nemical reactions.			
 Differentiate the 	e properties of the	three main states: gas, lic	uid and solid.		
Solve problems	involving oxidatio	on states and chemical eq	uilibrium.		
Describe acids	and bases on a fu	ndamental level.			
Explain the bas	ics of nuclear che	mistry.			
Usability and Rel	ationship to other	r Modules	Science' and with th	a athar madula (F	oundation
Physics' provides	an appropriate p	reparation for students wi	shing to continue th	eir studies in unde	ergraduate
biological and phy	ysical science deg	rees at Constructor Unive	rsity Bremen.		•
Assessment					
Weight: 40% Mic	n Assessment Sterm Written Fxa	m 60% Final Written Exa	m		
Scope: Topics stu	idied as covered b	by the Learning Outcomes			
A passing grade of	of at least 45% is r	needed to complete the In	ternational Foundati	on Year and be ab	le to move
on to degree stud	lies at Constructor	Oniversity Bremen.			

Module Name	N PHYSICS		Module Code	Level FOUNDATION	ECTS 5.0				
Module Compon	ents								
Number	Name			Туре	ECTS				
	Seminar style cla	asses		Tutor-led	5.0				
Module	Program Affiliat	ion		Mandatory State					
Coordinator	 International F 	Foundation Year							
IFY Head of	 SUBJECT module Semester Two 			Mandatory for subject ar					
Academics			1_	'Science'					
Entry			Frequency	Forms of Learni	ng and				
Pre-requisites	Co-requisites	Knowledge, Abilities, or	Once a year,	 Tutor-led but i 	nteractive				
		Skills	Spring	classes (35 ho	urs)				
I High School		A 1 · · · · · · · · · · · · · · · · · ·	semester	Tutor-led Tuto	orials (7				
Diploma	🖾 None	A basic scientific		hours)					
		school		Directed and					
				independent le	earning				
			Duration	Workload					
			One Semester	125 hours					
Recommendations for Preparation									
Students should r	review their scienc	e material from high schoo	ol to get prepared f	or the course. Cou	rse slides				
and book chapter	are provided befo	prehand so that students ca	an come prepared	to class.					
This is the second	cational Aims	datory SUBJECT module	for students of th	e 'Science' subier	t areas It				
introduces a need	ded overview of fu	ndamental knowledge of p	hysics to students	interested in conti	nuing their				
studies within bio	ological and physi	cal science disciplines. Th	ne module content	covers areas in n	nechanics,				
material sciences	and optics. Detail	ed topics are included in th	ne module's syllabu	JS.					
Intended Learnin	ig Outcomes								
By the end of this	module, students	will be able to							
 Understand the 	e general aspect of	f introductory physics.							
Use physics to :	solve applied prot			Understand the general aspect of introductory physics.					
Gain a first impr	Use physics to solve applied problems.								
Gain a first impression on research in physics.									
Describe motion	ression on researc n in one and two d	h in physics. Imensions.							
Describe motioWork with New	ression on researc n in one and two d ton's laws of motic	hems. h in physics. limensions. on.							
 Describe motio Work with New Relate force to point 	ression on researc n in one and two d ton's laws of motic potential and kinet	hems. h in physics. limensions. on. tic energy.							
 Describe motio Work with New Relate force to p Describe basic 	ression on researc n in one and two d ton's laws of motic potential and kinet fluid and solid-sta	terns. th in physics. limensions. on. tic energy. te mechanics.							
 Describe motio Work with New Relate force to p Describe basic Solve problems 	ression on researc n in one and two d ton's laws of motio potential and kinet fluid and solid-sta related to soundy	terns. th in physics. limensions. on. tic energy. te mechanics. vave propagations.							
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic 	ression on researc in in one and two d ton's laws of motio potential and kine fluid and solid-sta related to soundw s of electric forces	seems. th in physics. limensions. on. tic energy. te mechanics. vave propagations. and fields.							
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the mature basic 	ression on researc n in one and two o ton's laws of motio potential and kine fluid and solid-sta related to soundy s of electric forces ain concepts of lig	tems. th in physics. limensions. on. tic energy. te mechanics. vave propagations. and fields. ht optics.							
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the mature the solution of th	ression on researce on in one and two of ton's laws of motion potential and kine fluid and solid-sta related to soundwas of electric forces an concepts of lig ationship to other ics is a subject ar	tems. th in physics. limensions. on. tic energy. te mechanics. vave propagations. and fields. ht optics. Modules ea-specific module in 'Sci	ience', and with th	ne other module 'F	Goundation				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the matching Usability and Relation Physic Chemistry' provi 	ression on researce on in one and two of ton's laws of motion potential and kine fluid and solid-sta related to soundw s of electric forces ain concepts of lig ationship to other ics is a subject ar ides an appropr	orems. ch in physics. limensions. on. tic energy. te mechanics. vave propagations. and fields. ht optics. r Modules ea-specific module in 'Sci iate preparation for stud	ience', and with th dents wishing to	ne other module 'F continue their s	oundation				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the material Usability and Relate Foundation Physic Chemistry' proving undergraduate biological 	ression on researc on in one and two c ton's laws of motion potential and kine fluid and solid-sta related to soundw s of electric forces ain concepts of lig ationship to othen ics is a subject ar ides an appropr ological and physi	thems. thin physics. limensions. on. tic energy. te mechanics. vave propagations. and fields. ht optics. r Modules rea-specific module in 'Sci iate preparation for stud cal science degrees at Cor	ience', and with th dents wishing to nstructor University	ne other module 'F continue their s y Bremen.	oundation studies in				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the matrix Usability and Relate Foundation Physic Chemistry' provision undergraduate bio 	ression on researce in in one and two c ton's laws of motion potential and kine fluid and solid-sta related to soundwe of electric forces ain concepts of lig ationship to other ics is a subject ar ides an appropro ological and physi	ofems. ch in physics. limensions. on. tic energy. te mechanics. vave propagations. s and fields. ht optics. r Modules ea-specific module in 'Sci iate preparation for stud cal science degrees at Cor	ience', and with th dents wishing to nstructor University	ne other module 'F continue their s y Bremen.	oundation studies in				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the matching Usability and Relation Physic Chemistry' provision undergraduate bio Assessment Midterm and Fina Woight, 40% Midd 	ression on researce in in one and two c ton's laws of motion potential and kiner fluid and solid-sta related to soundw s of electric forces <u>ain concepts of lig</u> ationship to other ics is a subject ar ides an appropriological and physi	orems. ch in physics. limensions. on. tic energy. te mechanics. vave propagations. s and fields. ht optics. r Modules rea-specific module in 'Sci iate preparation for stud cal science degrees at Cor	ience', and with th dents wishing to nstructor University	ne other module 'F continue their y Bremen.	oundation studies in				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the mail Usability and Relate Foundation Physic Chemistry' provision Undergraduate biological Assessment Midterm and Fina Weight: 40% Mid 50% Final V 	ression on researce on in one and two of ton's laws of motion potential and kine fluid and solid-states related to soundwars of electric forces ain concepts of lig ationship to other ics is a subject ar ides an approprio ological and physion the sessment term Written Exart Vritten Exart + 10 ⁶	nems. th in physics. limensions. on. tic energy. te mechanics. vave propagations. s and fields. ht optics. r Modules ea-specific module in 'Sci iate preparation for stud cal science degrees at Cor n % Final Oral Exam	ience', and with th dents wishing to nstructor University	ne other module 'F continue their s y Bremen.	oundation studies in				
 Describe motio Work with New Relate force to p Describe basic Solve problems Introduce topic Describe the mail of the mail of the second term of t	ression on researce in in one and two c ton's laws of motion potential and kine fluid and solid-sta related to soundwe s of electric forces ain concepts of lig ationship to other ics is a subject ar ides an appropriological and physion lassessment term Written Exart Vritten Exart + 100 udied as covered b	n n % Final Oral Exam % Final Oral Exam % The Learning Outcomes	ience', and with th dents wishing to nstructor University	ne other module 'F continue their y Bremen.	oundation studies in				

Subject Area SOCIETY

Module Name			Module Code	Level	ECTS	
FOUNDATION BUSINESS AND			FOUNDATION	5.0		
MANAGEME	NT					
Module Compon	ents					
Number	Name			Туре	ECTS	
	Seminar style cla	asses		Tutor-led	5.0	
Module	Program Affiliat	ion		Mandatory Stat	us	
Coordinator	 International Foundation Year SLIB IECT module Semester One 					
IFY Head of Academics	SUBJECT mod	SUBJECT module Semester One		Mandatory for 'Society'		
Entry			Frequency	Forms of Learni	ng and	
Requirements			,	Teaching		
Pre-requisites	Co-requisites	Knowledge, Abilities, or Skills	Once a year, Fall semester	Tutor-led but i classes (35 ho	nteractive ours)	
⊠ High School Diploma	 □ A basic background in Mathematics. ■ Ability to research, evaluate and express 		Tutor-led Tuto hours)	orials (7		
□ None		Ability to research,		Directed and		
		evaluate and express opinions.		independent le (83 hours)	earning	
			Duration One semester	Workload 125 hours		
Recommendations for Preparation						
To help students	To help students gain a basic understanding of the subject area, a reading list to help prepare them for the					
topics to be studi	ed during the mod	lule will be provided.				
Content and Edu	icational Aims	v SLIB IECT module for stu	dents of the 'Socie	ty' subject area. It	introduces	
students to inter	nal and external c	context of business practic	e and manageme	nt. It will delve into	o business	
aspects of strate	gic management,	introduce modern and clas	ssical business the	ories, and explain	the role of	
leadership, globa	lisation, and finan	cial management in busine	ss. Detailed topics	are included in the	e module's	
Intended Learnin	na Outcomes					
	.g e diceee					
By the end of this	module, students	will be able to				
Understand the	e key business cor	cepts and terminologies.				
Explain the way	/ in which firms de	velop their business strate	gy in relation to the	economy.		
 Comprehend tr Differentiate be 	twoon modern on	d classical management th	en business stake	nolders.		
 Articulate funda 	amental marketing	a principles theories and n	eories. practices			
 State factors th 	at determine the s	successful operations of a k	pusiness.			
Explain the imp	act of globalizatio	n in business operations.				
Elaborate on th	e role of social res	ponsibility in business and	management.			
Comprehend fi	nancial managem	ent concepts through mana	agerial and financia	al accounting.		
State how com	panies manage cri	ises and business interrupt	ion.			
Usability and Rel	lationship to othe	r Modules				
Foundation Busin	tion to Social Scie	ment is a subject area-spe	cific module in 'So	ciety' and provide	to study in	
the fields of Busin	ness, Industrial Eng	gineering or Social Science	s at Constructor U	niversity Bremen.	to study in	
Assessment		-		-		
Midterm and Fina	Assessment	T D 1000/				
Weight: 40% Mid	Iterm Written Exar	n + Term Paper 60% Fina	I Written Exam			
A passing grade of	of at least 45% is r	needed to complete the Inte	ernational Foundat	ion Year and be ab	le to move	
on to degree stud	lies at Constructo	r University Bremen.				

Madula Mana			Madula Oada	11	FOTO
Module Name		Module Code		ECIS	
INTRODUCT	INTRODUCTION TO SOCIAL SCIENCES Module Components			FOUNDATION	5.0
Module Compon	ents				
Number	Name			Туре	ECTS
	Seminar style cl	asses		Tutor-led	5.0
Module	Program Affiliat	ion		Mandatory Status	
Coordinator	International F	oundation Year			
IFY Head of Academics	 SUBJECT module Semester Two 			Mandatory for 'S	ociety
Entry			Frequency	Eorme of Learni	ng and
Requirements			riequency	Teaching	ng anu
Pre-requisites	Co-requisites	Knowledge, Abilities, or	Once a year,	 Tutor-led but i 	nteractive
		Skills	Spring	classes (35 ho	urs)
⊠ High School		A basic background	semester	Tutor-led Tuto	orials (7
Diploma	🖾 None	in general knowledge		hours)	
		Ability to research, avaluate and avarage		Directed and	
		opinions		(82 hours)	earning
		epere	Duration	Workload	
			One semester	125 hours	
Recommendatio	Recommendations for Preparation				
To help students	gain a basic unde	rstanding of the subject are	ea, a reading list to	help prepare them	for the
topics to be studi	ed during the moo	lule will be provided.			
Content and Edu	cational Aims				
I his is the second	a semester SUBJE	CI module for students of t	the 'Society' subject	ct area. It introduce	s students
international relat	tions. The course v	vill introduce the key theori	sts in the developm	ent of social scien	ces as well
as elaborate on th	ne role and impact	of culture, technology, and	d the government i	n society. Detailed	topics are
included in the m	odule's syllabus.				
Intended Learnin	ng Outcomes				
By the end of this	module students	will be able to			
 Understand fur 	ndamental social s	ciences concents and term	ninologies		
 State the key th 	eorists in the dev	elopment of social sciences	s		
 Comprehend h 	ow sociology imp	acts the understanding of s	society.		
Explain the eler	ments of culture a	nd multiculturalism.			
Articulate the result of th	ole of technology	on society.			
Differentiate or	the purpose of in	stitutions in society.			
Correlate the in	iterconnection of	politics and society.			
Elaborate on th	e organisation of e	economic activities.			
Clarify the link l	oetween internatio	onal relations and society.			
Express the key	y aspects of politic	al economies of developin	g countries.		
Usability and Rel	ationship to othe	r Modules			
Introduction to S	ocial Sciences is a	subject area-specific mo	dule in 'Society' an	d provides togeth	er with the
module 'Foundat	ion Business and	Management' an appropria	ate preparation for	students wishing	to study in
	less, industrial En	gineening of Social Science		niversity brennen.	
Midterm and Fina	l Assessment				
Weight: 40% Mid	lterm Written Exa	n			
50% Final V	Written Exam + 10	% Final Oral Exam			
Scope: Topics stu	udied as covered b	by the Learning Outcomes	anational Easternet of		la t a
A passing grade of	ot at least 45% is r lies at Constructor	ieeaea to complete the Inte r University Bremen	ernational Foundat	ion Year and be ab	ie to move
on to degree stud		Criverary Diemen.			



Constructor University Bremen gGmbH Campus Ring 1 28759 Bremen Germany

foundationyear@constructor.university constructor.university