CONSTRUCTOR UNIVERSITY

Pre-Bachelor Semester

Program Handbook 2025

constructor.university/pbs

Contents

Basic information

Program Name: Pre-Bachelor Semester (PBS)

Type: Pre-degree

Level: Level 0 (Pre-university)

Exit award: PBS Certificate (PBSC)

Award notes: Successful completion of the PBS program is recognized by Constructor University as an element preceding the progression to several specified undergraduate degree programs.

Modes of study: All students will be full-time students. Language of instruction 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**
Pre-Bachelor Semester Certificate (PBSC)	CEFR B2 – C1 / 6.5 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 ("Kultusminister-konferenz", KMK) and the State of Bremen.

Program overview

The Constructor University Educational Concept

Constructor University (CU) aims at educating students for both an academic and a professional career, putting an emphasis on four fundamental objectives: academic quality, self-development, internationality, and employability. Hence, undergraduate study programs at CU 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 CU'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 implementing 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 knowledge, interdisciplinary offerings and minor options provide breadth, while university-wide general 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, CU offers professional advising and counselling as part of its guidance services.

CU's educational concept is acclaimed 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) as the top private university in Germany, and within the top 10% young universities worldwide. 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 Pre-Bachelor Semester (PBS) is a pre-degree program which enables students to prepare for their undergraduate education during the preceding Spring semester, transfer up to **12.5 ECTS** to their first-year undergraduate program, and acclimate themselves to living and studying in another country where cultural context is very different from their own.

PBS students can choose an undergraduate CHOICE or Methods module (see the Curricular Structure section for more info) where they can transfer credits related to the bachelor programs onto which they wish to progress. The PBS program also offers students with no prior knowledge of German language the possibility to finish a full A1 level in **one semester**, such opportunity is not available to undergraduate students. Students with prior knowledge of German can take a language placement test and be placed accordingly to further their knowledge. German students or students with a C1-2 level of German language can choose an undergraduate Humanities module. Language and Humanities modules also allow for credit transfer.

Students working towards the PBS Certificate are also able to review their mathematical or English language skills, jump start their career development, and learn how to code. Additionally, PBS students will be introduced to 'Intercultural Competence and Culturally Sensitive Communication', enabling them not only to adapt to but also to flourish in the international environment at CU.

Based on these selected modules, PBS students are able to move into first year degree studies with transferred credits, improved German language, and increased confidence in their university study skills and subject knowledge.

Qualification Aims

The PBS program at CUB aims to help students

- achieve A1 level German before entering university;
- develop their English academic literacy;
- reinforce their mathematical knowledge;
- develop coding and computational skills;
- recognize what is expected of them in a university environment;
- take a Spring semester module offered in the undergraduate program with possibility of credit transfer;
- expand their academic and personal qualifications through career development;
- broaden socio-cultural horizons and intercultural skills.

Intended Learning Outcomes

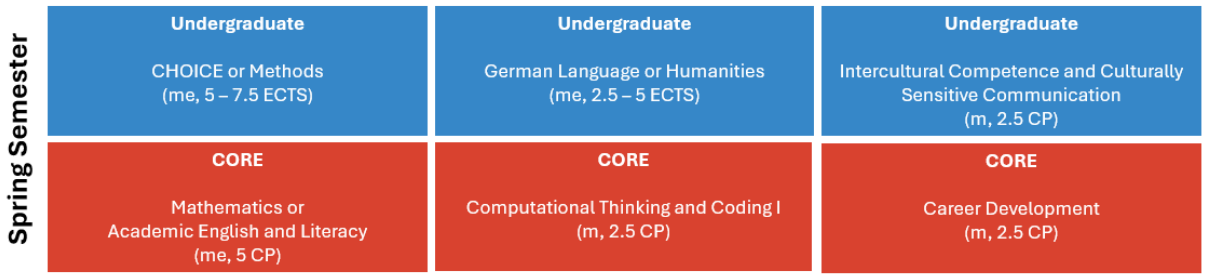
By the end of the program, students will be able to:

- finish A1 or higher level German;
- understand what is expected of them in a university environment;
- apply improved academic English or applied mathematical skills;
- use digital devices to create, gather, analyze, and present information;
- prepare properly for their upcoming undergraduate education;
- learn and work in an intercultural and diverse environment;
- reflect on their personal and professional development.

Program structure

CORE modules include a Mathematics or Academic English module, 'Career Development', and 'Coding & Computational Thinking'. Undergraduate modules include a CHOICE or Methods module from the Spring Semester (as per prerequisite conditions), a language or humanities module, and 'Intercultural Competence and Culturally Sensitive Communication'. This module combination will ensure accurate academic preparation for PBS students into the undergraduate program of choice.

Schematic Study Plan



Teaching, learning and assessment strategies

The PBS program implements 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 PBS students are provided with a highly supportive and academically challenging environment.
- **B** Students will benefit from a less formal teaching approach, involving greater interactivity in small classes between students and instructors.
- **C** Cultural acclimation is facilitated through encouragement to participate in the wider community of both CU and Bremen itself.
- **D** The PBS program aims to cater for students who want to both properly prepare for their undergraduate studies and enhance their language skills.
- **E** Students will also engage in a Career Development module, which provides ample opportunity for students to reflect on the requirements of study in a higher education environment and gain a jump start on their career development.
- **F** Regular tutorial sessions provide an opportunity for students to reflect on their study progress and stay up to date with course material.
- **G** A range of modes of assessment are applied to include assignments, group and individual presentations, projects, and interim tests to replicate the wider university experience. Midterm and final module assessments provide the contribution to the final module grade.
- **H** Policies governing CORE modules are included in the 'Rules and Regulations', which will be presented to the students at the beginning of the academic year. Policies governing Undergraduate modules are included the 'Academic Policies for Undergraduate Students' as well as 'Academic Integrity', which can be found on the CU website under 'Registrar Services'.

Regulations

Students studying within the PBS program follow a set of regulations appropriate to a Level 0 program but modelled to CU's undergraduate students. Variations are only introduced to cover the requirements of a pre-degree program, particularly around reassessment opportunities. As part of the entrance requirement for the PBS program students need to have achieved the English language requirement for university entrance. Completion of the PBS program parallels admission into CU's undergraduate education.

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 **B2 level** of the European Framework may apply for the PBS program. 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 Pre-bachelor Semester 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 90 on the TOEFL iBT / 6.5 on the IELTS (UK) / standard score of 600 SAT Evidence-Based Reading and Writing (New SAT)/ 110 on the Duolingo English test)

Important information for the upcoming Spring 2025 intake: Students who require a visa for Germany should apply by October 15th since the visa process can take up to three months. The application deadline for EU students is December 15th. Applications are evaluated on a rolling basis.

More information and contact

Pre-Bachelor Semester program at Constructor University Bremen

Email: prebachelorsemester@constructor.university

The curricular structure

Overview

The PBS program offers within the Spring semester three mandatory CORE modules in addition to mandatory elective undergraduate modules (one CHOICE or Methods, and one German Language or Humanities) alongside 'Intercultural Competence and Culturally Sensitive Communication'. Undergraduate modules are eligible for credit transfer upon successful completion.

Core Modules

Academic English and Literacy (5.0 credit points)

The module focus is on greater fluency in English language and improved academic literacy skills. Students are introduced to the scientific approach to study with an emphasis on higher-level skills such as analysis, synthesis, critical thinking, and evaluation.

Pure Mathematics (5.0 credit points)

This module is essential for students entering undergraduate programs within the Schools of 'Science' and 'Computer Science & Engineering'. Since developed mathematical skills are essential for these students, 'Pure Mathematics' provides them with the fundamental knowledge and tools to be properly prepared for the respective undergraduate degrees at CU. 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 module is essential for students entering undergraduate programs within the School of 'Business, Social & Decision Sciences'; fundamental knowledge in statistics is a must for them. The module covers main topics in statistical analysis and probability, sampling, and confidence limits. The study sessions include extensive application of statistical concepts on applied models.

Computational Thinking and Coding (2.5 credit points)

In this module, students will analyze 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.

Career Development (2.5 credit points)

The program is designed to support and guide students within their study-direction while focusing on the potential career paths these may lead into. Students have the unique opportunity for career guidance by registering for the optional career orientation workshop. The workshop includes psychometric testing to strengthen their choice in career and study direction. The module introduces the structure of successful career development already before starting their bachelor studies, by meeting industry professionals, gaining valuable networking and professional skills to jump start their career path while studying. Lastly, the module provides students with the needed study skills to succeed at university while introducing them to university resources which supports them to flourish at CU and within the global working environment.

Undergraduate Modules

CHOICE (7.5 ECTS credit points)

During the PBS program, students can take part in an undergraduate module to gain valuable insights and experience, as well as transfer credits into their undergraduate program of choice. Students have the option to select one CHOICE module from a variety of study programs. Each student will be assigned an academic advisor to assist them in choosing the best module which will provide them with the chance to experience undergraduate and transfer credits to their desired bachelor program or as a Minor option.

The Undergraduate choice modules available in Spring Semester 2025 are listed below:

School	CHOICE Modules
Computer Science & Engineering	Digital Systems and Computer Architecture
Science	Linear Algebra
Business, Social & Decision Sciences	General Industrial Engineering
	Introduction to Modern European History
	Essentials of Social Psychology
	Introduction to the Social Sciences II: Media and Society
	Data Structures and Processing

The descriptions of the above modules are provided in the individual study program Handbooks that can be accessed from the Constructor University's website.

Methods (5 ECTS credit points)

PBS students may prefer to take a Methods module instead of a CHOICE one if they feel it fits better with their undergraduate program of choice. The available Methods modules for Spring Semester 2025 are listed below.

School	Methods Modules
Computer Science & Engineering	Elements of Calculus
Science	Physics for Natural Sciences
Business, Social & Decision Sciences	Applied Statistics with R

The descriptions of the above modules are provided in the individual study program Handbooks that can be accessed from the Constructor University's website.

Language (2.5 ECTS credit points)

German language abilities foster students' intercultural awareness and enhance their employability. They are also beneficial for securing mandatory internships (between the 2nd and 3rd year) in German companies and academic institutions. Constructor University supports its students in acquiring basic as well as advanced German Skills. The descriptions of the language modules are provided in the "Language Module Handbook" that can be accessed from the Constructor University's website. PBS students may also take a full A1 level German module (5 ECTS credits points, **a minimum of 5 registrations is needed to offer the module**).

Humanities (2.5 ECTS credit points)

Introduction to Philosophical Ethics

This course will introduce students to some of the key aspects of philosophical ethics, including leading normative theories of ethics as well as some important questions from metaethics and moral psychology. The course will describe ideas that are key factors in ethics and indicate various routes to progress in understanding ethics, as well as some of their difficulties.

Introduction to Visual Culture

The purpose of this course is to explore multiple ways in which images and the visual in general mediate and structure human experiences and practices from more specialized discourses, e.g., scientific discourses, to more informal and personal day-to-day practices, such as self-fashioning in cyberspace. Social and historical contexts affect how we see, as well as what is visible and what is not.

Intercultural Competence and Culturally Sensitive Communication (2.5 credit points)

The course is an encompassing proposal that focuses on aspects of an incoming student process. It covers the development of cultural awareness and intercultural communication capacities, dimensions of diversity, understanding the pitfalls of stereotyping, defining microaggressions and prejudice, intercultural competence in the German context and human rights from a perspective of diversity and inclusion.

Core module description

<table>
<tr><td colspan="3">Module Name
ACADEMIC ENGLISH AND LITERACY II</td><td>Module Code
PD-C-1002</td><td>Level
FOUNDATION</td><td>CP
5.0</td></tr>
<tr><td colspan="6">Module Components
Number | Name | Type | CP
PD-C-1002 | Academic English and Literacy II | Tutor-led Seminar style classes | 5.0</td></tr>
<tr><td>Module Coordinator
Head of Academics</td><td colspan="3">Program Affiliation
• Pre-Bachelor Semester
• CORE module</td><td colspan="2">Mandatory Status

Mandatory elective for PBS students</td></tr>
<tr><td rowspan="2">Entry Requirements
Pre-requisites

☒ High School Diploma
☐ None</td><td rowspan="2">Co-requisites

☐
☒ None</td><td rowspan="2">Knowledge, Abilities, or Skills

English language skills from high school</td><td>Frequency

Once a year, Spring semester</td><td colspan="2">Forms of Learning and Teaching
• Tutor-led but interactive classes (35 hours)
• Tutor-led Tutorials (7 hours)
• Directed and independent learning (83 hours)</td></tr>
<tr><td>Duration
One semester</td><td colspan="2">Workload
125 hours</td></tr>
<tr><td colspan="6">Recommendations for Preparation
Preparation prior to commencing the module would include an outline list of the topics to be studied and a supporting reading list.</td></tr>
<tr><td colspan="6">Content and Educational Aims
This is a CORE module for PBS students. It is designed for students to develop academic study skills to the standard required for undergraduate study. The module will include a discussion of essay structure, plagiarism, criticality for specific information, and the development of presentational skills and seminar discussions. Detailed topics are included in the module's syllabus.</td></tr>
<tr><td colspan="6">Intended Learning Outcomes
By the end of this module, students will be able to
• Apply reading strategies to read extended academic texts.
• Make decisions on usefulness of content and extract useful information.
• Write extended academic texts.
• Listen interactively in classes and lectures.
• Participate in academic discourse as both an information provider and gatherer.
• Develop critical reading skills and interpret information.
• Synthesize information from listening and reading texts.
• Successfully participate in seminar discussion.
• Demonstrate basic research, speaking and presentational skills.
• Cite and refer to academic sources in written and oral form.
• Expand vocabulary to be applied in an academic context.</td></tr>
<tr><td colspan="6">Usability and Relationship to other Modules
Academic English & Literacy is a CORE module studied by all students joining the PBS program. It prepares student with the proper English knowledge for their undergraduate studies.</td></tr>
<tr><td colspan="6">Assessment
Midterm and Final Assessment
Scope: Topics studied as covered by the Learning Outcomes
Weight: 40% Presentation and Handout
60% Final Written Exam
A passing grade of at least 45% is needed to complete the PBS program at CU.</td></tr>
</table>

<table>
<tr><td colspan="3">Module Name
FOUNDATION STATISTICS</td><td>Module Code
PC-C-2004</td><td>Level
FOUNDATION</td><td>CP
5.0</td></tr>
<tr><td colspan="6">Module Components
Number | Name | Type | CP</td></tr>
<tr><td>PD-C-2004</td><td colspan="3">Foundation Statistics</td><td>Tutor-led
Seminar style classes</td><td>5.0</td></tr>
<tr><td>Module Coordinator
Head of Academics</td><td colspan="3">Program Affiliation
• Pre-Bachelor Semester
• CORE module</td><td colspan="2">Mandatory Status

Mandatory elective for PBS students.</td></tr>
<tr><td>Entry Requirements
Pre-requisites

☒ High School Diploma
☐ None</td><td>Co-requisites

☐
☒ None</td><td>Knowledge, Abilities, or Skills

Mathematical knowledge acquired from high school</td><td>Frequency

Once a year, Spring semester

Duration
One semester</td><td colspan="2">Forms of Learning and Teaching
• Tutor-led but interactive classes (35 hours)
• Tutor-led Tutorials (7 hours)
• Directed and independent learning (83 hours)

Workload
125 hours</td></tr>
<tr><td colspan="6">Recommendations for Preparation
Students need to review the mathematical knowledge acquired from high school. Course slides and book chapters are provided beforehand so that students can come prepared to class.</td></tr>
<tr><td colspan="6">Content and Educational Aims
This is a Mathematics CORE module for PBS students. It introduces the fundamental aspects and basic requirements of statistical concepts for continuing studies in the disciplines within business, economics, and social sciences. The module content covers main areas in statistical analysis, probability, and sampling methods and tests. Detailed topics are included in the module's syllabus.</td></tr>
<tr><td colspan="6">Intended Learning Outcomes
By the end of this module, students will be able to
• Perform basic statistical operations.
• Apply their knowledge in the most efficient way through solving problems.
• Use statistics in applied case studies.
• Prepare reports for statistical projects.
• Analyze datasets through respective distribution tables and charts.
• Use discrete and continuous probability distributions.
• Explain the different types of sampling methods and their practicality.
• Use tests to evaluate the confidence levels of sampling methods.
• Make decisions based on statistical calculations.
• Prepare properly for an undergraduate program which includes statistical methods.</td></tr>
<tr><td colspan="6">Usability and Relationship to other Modules
Foundation Statistics is a CORE module for all students who are interested in continuing their studies in the different areas of business, social science, and humanities. It enables the students with the fundamental 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.</td></tr>
<tr><td colspan="6">Assessment
Midterm and Final Assessment
Scope: Topics studied as covered by the Learning Outcomes
Weight: 40% Midterm Assignment
60% Final Written Exam
A passing grade of at least 45% is needed to complete the PBS program at CU.</td></tr>
</table>

<table>
<tr><td colspan="3">Module Name
PURE MATHEMATICS</td><td>Module Code
PD-C-2002</td><td>Level
FOUNDATION</td><td>CP
5.0</td></tr>
<tr><td colspan="6">Module Components
Number | Name | Type | CP</td></tr>
<tr><td>PD-C-2002</td><td colspan="3">Pure Mathematics</td><td>Tutor-led
Seminar style classes</td><td>5.0</td></tr>
<tr><td>Module Coordinator
Head of Academics</td><td colspan="3">Program Affiliation
• Pre-Bachelor Semester
• CORE module</td><td colspan="2">Mandatory Status

Mandatory elective for PBS students.</td></tr>
<tr><td rowspan="2">Entry Requirements
Pre-requisites

☒ High School Diploma
☐ None</td><td rowspan="2">Co-requisites

☐
☒ None</td><td rowspan="2">Knowledge, Abilities, or Skills

Advanced mathematical skills gained from high school</td><td>Frequency

Once a year, Spring semester</td><td colspan="2">Forms of Learning and Teaching
• Tutor-led but interactive classes (35 hours)
• Tutor-led Tutorials (7 hours)
• Directed and independent learning (83 hours)</td></tr>
<tr><td>Duration
One semester</td><td colspan="2">Workload
125 hours</td></tr>
<tr><td colspan="6">Recommendations for Preparation
Students should review their mathematical skills from high school to get prepared for the course. Course slides and book chapter are provided beforehand so that students can come prepared to class.</td></tr>
<tr><td colspan="6">Content and Educational Aims
This is a Mathematics CORE module for PBS students. It develops the fundamental mathematical skills for students interested in continuing their studies within sciences, engineering, and technology. The module content covers areas in introductory algebra and calculus. Detailed topics are included in the module's syllabus.</td></tr>
<tr><td colspan="6">Intended Learning Outcomes
By the end of this module, students will be able to
• Perform advanced mathematical operations.
• Apply their knowledge in the most efficient way.
• Learn how to use mathematics to model and solve everyday problems.
• Factor polynomial functions using synthetic division.
• Graph polynomial and rational functions and inequalities.
• Solve systems of equations using various methods.
• Develop exponential binomials and sequences.
• Perform matrix operations.
• Derive and perform derivative operations on functions.
• Apply differentiation and integration to mathematical problems and models.</td></tr>
<tr><td colspan="6">Usability and Relationship to other Modules
Pure Mathematics provides students with advanced mathematical tools within disciplines which require developed mathematical knowledge, it also prepares students for the first-year undergraduate modules within the areas of sciences, engineering, and technology.</td></tr>
<tr><td colspan="6">Assessment
Type: Midterm and Final Assessment
Scope: Topics studied as covered by the Learning Outcomes
Weight: 40% Midterm Written Exam
60% Final Written Exam
A passing grade of at least 45% is needed to complete the PBS program at CU.</td></tr>
</table>

<table>
<tr><td colspan="3">Module Name
COMPUTATIONAL THINKING AND CODING I</td><td>Module Code
PD-C-3001</td><td>Level
FOUNDATION</td><td>CP
2.5</td></tr>
<tr><td colspan="6">Module Components
Number Name Type CP</td></tr>
<tr><td>PD-C-3001</td><td colspan="3">Computational Thinking and Coding I</td><td>Tutor-led
Seminar style classes</td><td>2.5</td></tr>
<tr><td>Module Coordinator
Head of Academics</td><td colspan="3">Program Affiliation
• Pre-Bachelor Semester
• CORE module</td><td colspan="2">Mandatory Status

Mandatory for PBS students</td></tr>
<tr><td rowspan="2">Entry Requirements
Pre-requisites

☒ High School Diploma
☐ None</td><td rowspan="2">Co-requisites

☐
☒ None</td><td rowspan="2">Knowledge, Abilities, or Skills

Basic understanding of computer hardware and software/applications</td><td>Frequency

Once a year, Spring semester</td><td colspan="2">Forms of Learning and Teaching
• Tutor-led but interactive classes (17.5 hours)
• Tutor-led Tutorials (3.5 hours)
• Directed and independent learning (41.5 hours)</td></tr>
<tr><td>Duration
One semester</td><td colspan="2">Workload
62.5 hours</td></tr>
<tr><td colspan="6">Recommendations for Preparation
Students enrolled in this module may lack prior formal instruction in the utilization of computers and software suitable for academic pursuits. Initial classes in this module will afford students the chance to showcase their proficiency and understanding of this subject matter.</td></tr>
<tr><td colspan="6">Content and Educational Aims
This is a mandatory CORE module for PBS students. It equips students with essential computational tools necessary for any major. It covers fundamental computing concepts and requirements, catering to students interested in furthering their studies across various subject areas. Detailed topics are included in the module's syllabus.</td></tr>
<tr><td colspan="6">Intended Learning Outcomes
By the end of this module, students will be able to
• Define the importance of computational thinking.
• Improve ability to develop effective algorithms.
• 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.
• Understand variables, data types, and operators.
• Control structures: conditionals and loops.
• Understand and apply a new (programming) language on a basic level.
• Design a new programming language on a basic level.</td></tr>
<tr><td colspan="6">Usability and Relationship to other Modules
Computational Thinking and Coding is a CORE module studied by students joining the PBS program. It is a universal module which relates to all subjects, as computational thinking and coding is now being used in all disciplines and areas.</td></tr>
<tr><td colspan="6">Assessment
Midterm and Final Assessment
Scope: Topics studied as covered by the Learning Outcomes
Weight: 40% Midterm Written Exam
60% Final Written Exam
A passing grade of at least 45% is needed to complete the PBS program at CU.</td></tr>
</table>

<table>
<tr><td colspan="2">Module Name
CAREER DEVELOPMENT</td><td colspan="2">Module Code
PD-C-3004</td><td>Leve
FOUNDATION</td><td>CP
2.5</td></tr>
<tr><td colspan="6">Module Components</td></tr>
<tr><td>Number</td><td colspan="3">Style</td><td>Type</td><td>CP</td></tr>
<tr><td>PD-C-3004</td><td colspan="3">Career Development</td><td>Tutor-led
Seminar style classes</td><td>2.5</td></tr>
<tr><td>Module Coordinator
IFY Head</td><td colspan="3">Program Affiliation
• Pre-Bachelor Semester
• CORE modules</td><td colspan="2">Mandatory Status

Mandatory for PBS students</td></tr>
<tr><td>Entry Requirements
Pre-requisites

☒ High School Diploma
☐ None</td><td>Co-requisites

☐
☒ None</td><td>Knowledge, Abilities, or Skills

NA</td><td>Frequency

Once a year, Spring semester.</td><td colspan="2">Forms of Learning and Teaching
• Tutor-led but interactive classes (17.5 hours) / semester
• Directed and independent learning (45 hours) / semester</td></tr>
<tr><td colspan="3"></td><td>Duration
One semester</td><td colspan="2">Workload
62.5 hours</td></tr>
<tr><td colspan="6">Recommendations for Preparation
Students should read their intended undergraduate program handbook and connect with an undergraduate or post graduate student. Students will further benefit from reading the intended reading list provided in the first session as an outline for the course. Informing themselves of networking events both on campus and in the city of Bremen or surrounding will enable them in creating valuable contacts with whom they can network throughout their studies. This module will provide them with valuable skills and insights to jump start their career development in their foundation year which they can utilize throughout their studies to develop their individual career paths.</td></tr>
<tr><td colspan="6">Content and Educational Aims
This is a CORE module for PBS students of all disciplines. The Career Development module will embody the mission statement of CU. As such, the program will focus on increasing the self-competence and career skills of its students in a community characterized by diversity. The program is developed and based on students' specific needs to flourish within CU's educational and social environment. Detailed topics are included in the module's syllabus.</td></tr>
<tr><td colspan="6">Intended Learning Outcomes
By the end of this module, students will be able to
• Understand, research, and gain valuable insights within a selected study direction/career path.
• Connect and network with Industry Professionals in Germany.
• Gain professional skills such as time management and presentation skills.
• Profit from a network of career guidance and support.
• Develop critical and strategic thinking skills.
• Learn how to work in a team.
• Develop study skills needed to succeed at university.</td></tr>
<tr><td colspan="6">Usability and Relationship to other Modules
This module provides students with the needed soft skills such as: professional skills, study skills, self-awareness, career guidance and how to work within a group/team to succeed in a diverse educational environment such as CU. The program explores the different career paths, encourages social networking, and demands students to take the time to do effective research for them to make a more informed decision on their intended undergraduate study program.</td></tr>
<tr><td colspan="6">Assessment
Midterm and Final Assessment
Weight: 40% Team Presentation and Report
60% Individual Poster Presentation
Scope: Topics studied as covered by the Learning Outcomes
A passing grade of at least 45% is needed to complete the PBS program at CU.</td></tr>
</table>

CONSTRUCTOR
UNIVERSITY

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