

STARS EU Joint Curricula Catalogue

Deliverable 3.2



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Table of Contents

Introduction	4
Academic Offers – A short guide	5
Academic Offers – Final List	6
Course Units (63).....	6
BIPs – Students (22).....	19
BIPs – Teaching Staff (6).....	24
Bachelor degrees/minors on Bachelor level (2).....	25
Master degrees (11).....	26
PhD programmes (14).....	29

Introduction

In Work Package 3 – Curriculum Lab, Task 2 is concerned with the expansion of the universities' curricular offer and fostering flexible and interconnected study curricula. Throughout 2024, the task members have worked together to create the following list of academic offers that will be available to all members of the alliance in a test series for the academic year 2025. This test series will implement structures that will provide stable guidelines for future academic exchange of students and teaching staff and enable a more flexible and international opening of the different study programmes on a European level. The preliminary test series, originally scheduled to comprise 10 course units, 20 BIPs, two degrees and language courses will then be expanded into a much larger curricula in 2026, with 30 course units, 40 BIPs, three degrees and language courses planned for this second run.

For this first run, a “Call for innovative academic offers” was distributed among the partners to encourage teaching staff and faculties to open their academic portfolio to the other members of the alliance in July 2024. Based on the feedback from the partners, in August 2024 an extensive table was compiled with all the courses, BIPs and degrees offered. After careful revision, this table was once again distributed among the partner universities, who would now indicate their interest in the offered courses from the other partners with a deadline by mid-October 2024. Once all indications of interest were collected, the following list (see “Course List” on p.3) was submitted to the Steering Committee in October 2024.

Once the Steering Committee has approved the list, the task will move onto a more operative stage of action by starting talks with the deans of study and heads of their faculties to gauge what may be needed for their staff to commit to this international opening of the offers in terms of financial, organisational, technical and didactic support.

Academic Offers – A short guide

The following guide gives short explanation on what the task members have agreed upon as the definition of the respective categories mentioned in the list. Additional definitions can be found in the WP3 glossary on the Sharepoint.

Course units

For this task, courses have been roughly defined as teaching units, either curricular or extracurricular, that range in workload size between one and ten ECTS, depending on the length and workload of the respective course. Typically, these course units span one or maximum two terms of an academic year. In some cases, these course units may include entire modules from study programmes that can then be accredited to other study programmes of the partners. Microcredentials are covered by another task, namely T3.5.

BIPs

BIPs, short for Blended Intensive Programmes, are short-term mobility programmes offered in two phases, one phase online and one face-to-face and allow for creative opportunities of international educational cooperation. The face-to-face phase, also called mobility phase, can last between five and thirty days. A BIP needs at least twenty participants, three universities involved and must have a mobility phase of at least five days up to thirty in order to be eligible for funding through Erasmus+. BIPs therefore can be categorised as short-time mobility programmes. For this task, the team has specifically included both already existing BIPs among partners as well as previously unshared BIPs that can now be included in the other universities' curricula.

Degrees – Bachelor, Master, PhD

An academic degree is a qualification that can be achieved by the completion of a study programme at a university. According to European higher education standards after the Bologna Process, the different study programmes offered in the following list are either bachelor degrees (180 to 240 ECTS) and master degrees (60 to 120 ECTS). The highest achievable university degree is a PhD, a doctor of philosophy. These programmes vary in the different partner universities but generally speaking last between three and six years with a range between 120 and 420 ECTS, depending on the country.

Academic Offers – Final list

The following list comprises the chosen academic offers from the individual partner universities, sorted by their type of offer. To save space, this list only consists of the respective offers and offering universities without the interested parties attached; a full table with the individual indications of interest can be found in the appendix.

Course Units (63)

Management/Business/Economics

Enterprise Theory (SUO)

Scientific Field: Management, Business

TIG area: Entrepreneurship and Innovation

ECTS: 7

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Bachelor

Interested Partners: UFC

Corporate Finance (SUO)

Scientific Field: Finance, Business, Economics

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Bachelor

Interested Partners: HSB, UFC

Corporate Social Responsibility (SUO)

Scientific Field: Management, Business

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Master

Interested Partners: HSB, UFC

International Trade Operations (SUO)

Scientific Field: Management, Business

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Bachelor

Interested Partners: HSB, UFC

Principles of Finance (SUO)

Scientific Field: Finance, Business, Economics

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Bachelor

Interested Partners: HSB, UFC, ULL

Human Resource Management (SUO)

Scientific Field: Management

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Master

Interested Partners: HSB

International Marketing (SUO)

Scientific Field: Marketing, Business

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: face-to-face, blended, hybrid

Language: English

Assessment method: Exam, possible distance

Level: Master

Interested Partners: HSB, UFC

Digital Marketing Communication Strategy (Hanze)

Scientific Field: Economics, International Communication

TIG area: n/a

ECTS: n/a

Mode of teaching: n/a

Language: English

Assessment method: n/a

Level: Bachelor

Interested Partners: SUO

Social Media and Content Creation (Hanze)

Scientific Field: Economics, International Communication

TIG area: n/a

ECTS: n/a

Mode of teaching: n/a

Language: English

Assessment method: n/a

Level: Bachelor

Interested Partners: SUO

Corporate Communication Consultant (Hanze)

Scientific Field: Economics

TIG area: n/a

ECTS: up to 15

Mode of teaching: Weekly one-hour theory lectures and weekly two-hour seminars

Language: English

Assessment method: Portfolio

Level: Master

Interested Partners: HSB

Strategic Brand Management (Hanze)

Scientific Field: Economics

TIG area: n/a

ECTS: up to 15

Mode of teaching: Weekly one-hour theory lectures and weekly two-hour seminars

Language: English

Assessment method: Portfolio

Level: Master

Interested Partners: HSB

Circular Bioeconomy (UW)

Scientific Field: n/a

TIG area: n/a

ECTS: n/a

Mode of teaching: n/a

Language: n/a

Assessment method: n/a

Level: n/a

Interested Partners: SUO

The Role of Digitalization in Promoting the Circular Economy (ULL)

Scientific Field: Economics

TIG area: Circular Economy

ECTS: 0,5

Mode of teaching: online

Language: English

Assessment method: interdisciplinary teams, presentations

Level: Master

Interested Partners: UFC

Business Management (ULL)

Scientific Field: Business Administration

TIG area: n/a

ECTS: 2

Mode of teaching: Blended

Language: English and Spanish

Assessment method: Report, Shark-Tank Dynamic

Level: n/a

Interested Partners: SUO, UFC

Entrepreneurship and Innovation (UAMD)

Scientific Field: Economy

TIG area: n/a

ECTS: 10

Mode of teaching: n/a

Language: English

Assessment method: exam, possible distance

Level: Master

Interested Partners: SUO, UFC

Logistics and Operation Management (HSB)

Scientific Field: Economics

TIG area: Entrepreneurship and innovation

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: written exam (online test)

Level: Bachelor

Interested Partners: UFC

Introduction to Business Analytics (HSB)

Scientific Field: Economics

TIG area: Entrepreneurship and innovation

ECTS: up to 6

Mode of teaching: for now, live online conferences, potentially blended

Language: English

Assessment method: written exam (online test)

Level: Bachelor

Interested Partners: UFC

Banking (HSB)

Scientific Field: Economics

TIG area: n/a

ECTS: n/a

Mode of teaching: blended

Language: n/a

Assessment method: n/a

Level: n/a

Interested Partners: ULL

Bank Management (HSB)

Scientific Field: Economics

TIG area: n/a

ECTS: n/a

Mode of teaching: blended

Language: n/a

Assessment method: n/a

Level: n/a

Interested Partners: ULL

Applied Business Intelligence (HSB)

Scientific Field: Economics

TIG area: Entrepreneurship and Innovation

ECTS: 3 to 6, depending on course conception

Mode of teaching: blended, online possible as well

Language: English

Assessment method: Group presentation

Level: Bachelor or Master

Interested Partners: SUO

Professional and Managerial Skills (HSB)

Scientific Field: Economics

TIG area: Entrepreneurship and Innovation

ECTS: up to 6

Mode of teaching: to be determined

Language: English

Assessment method: to be determined

Level: Master

Interested Partners: SUO

Entrepreneurship and Sustainable Development in a Global Context (HSB)

Scientific Field: Economics

TIG area: not linked to a specific one

ECTS: up to 6

Mode of teaching: to be determined

Language: English

Assessment method: to be determined

Level: Master

Interested Partners: UFC

Cooperative Game Theory and Environment (UFC)

Scientific Field: Economics

TIG area: Circular Economy, Entrepreneurship and Innovation

ECTS: 3

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: written exam

Level: Master

Interested Partners: HSB

Experimental Economics, Markets and Negotiation (UFC)

Scientific Field: Economics

TIG area: Circular Economy, Entrepreneurship and Innovation

ECTS: 3

Mode of teaching: face-to-face

Language: English

Assessment method: written exam

Level: Master

Interested Partners: HSB

Theory and Practice of Auctions and Procurement (UFC)

Scientific Field: Economics

Language: English

TIG area: Digital Economics

Assessment method: written exam

ECTS: 3

Level: Master

Mode of teaching: face-to-face

Interested Partners: HSB

Performance Measurement – Key Performance Indicators (UFC)

Scientific Field: Economics

Language: English

TIG area: Digital Transition, Entrepreneurship and Innovation

Assessment method: written exam

ECTS: 3

Level: Master

Mode of teaching: face-to-face, potentially hybrid

Interested Partners: HSB

Big Data, Business Intelligence (UFC)

Scientific Field: Economics

Language: English

TIG area: Digital Transition, Entrepreneurship and Innovation

Assessment method: written exam

ECTS: 3

Level: Master

Mode of teaching: face-to-face

Interested Partners: HSB

Marketing Data Analysis (UFC)

Scientific Field: Management

Language: English

TIG area: Digital Transition, Entrepreneurship and Innovation

Assessment method: Case Study

ECTS: 3

Level: Master

Mode of teaching: face-to-face

Interested Partners: HSB

Humanities

Research Method (UAMD)

Scientific Field: English Language

TIG area: n/a

ECTS: 4

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Bachelor

Interested Partners: HSB, CUT

Academic Writing (UAMD)

Scientific Field: English Language

TIG area: n/a

ECTS: 4

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Bachelor

Interested Partners: HSB, CUT

Psychology (UAMD)

Scientific Field: English Language

TIG area: n/a

ECTS: 4

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Bachelor

Interested Partners: UFC

All course units of the BA programme “International Business Management” (IPB)

Scientific Field: Management

TIG area: n/a

ECTS: 3 to 6

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Bachelor

Interested Partners: HSB

Computer Science

Computer Geometry and Computer Graphics (SUO)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: face-to-face, possible to adapt

Language: English

Assessment method: Exam

Level: Master

Interested Partners: HSB

Machine Learning in Data Processing and Analytics (CUT)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: Practical exercises, projects, attendance

Level: Bachelor or Master

Interested Partners: HSB, UFC

Natural Language Processing (CUT)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: Group project and oral presentation

Level: Bachelor or Master

Interested Partners: CUT, UFC

All course units of the MA programme "Informatics" (IPB)

Scientific Field: Computer Science

TIG area: n/a

ECTS: 6

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Master

Interested Partners: HSB

Education

Inclusive Education (SUO)

Scientific Field: Inclusive Education, Special Education

TIG area: Inclusion and Social Justice

ECTS: 8

Mode of teaching: face-to-face, possible to adapt

Language: English

Assessment method: Exam

Level: Master

Interested Partners: ULL

Social Science

Mental Hygiene (SUO)

Scientific Field: Social Field

TIG area: Healthy Aging

ECTS: 3

Mode of teaching: face-to-face, possible to adapt

Language: English

Assessment method: Exam

Level: Bachelor

Interested Partners: HSB

Engineering

Research Skills, Methods and Tools (UAMD)

Scientific Field: Environmental Engineering

TIG area: n/a

ECTS: 10

Mode of teaching: n/a

Language: English

Assessment method: exam, possible distance

Level: Master

Interested Partners: CUT

Fundamentals of Environmental Science and Sustainability (UAMD)

Scientific Field: Environmental Engineering

TIG area: n/a

ECTS: 10

Mode of teaching: n/a

Language: English

Assessment method: exam, possible distance

Level: Master

Interested Partners: CUT

Marine Ecology and Conversation (UAMD)

Scientific Field: Environmental Engineering

TIG area: n/a

ECTS: 10

Mode of teaching: n/a

Language: English

Assessment method: exam, possible distance

Level: Master

Interested Partners: ULL

Environmental Management Standards and Impact Assessment (UAMD)

Scientific Field: Environmental Engineering

TIG area: n/a

ECTS: 10

Mode of teaching: n/a

Language: English

Assessment method: exam, possible distance

Level: Master

Interested Partners: CUT, UFC

Water and Wastewater Treatment (CUT)

Scientific Field: Environmental Engineering

Language: English

TIG area: Circular Economy

Assessment method: Final test, design project, lab work

ECTS: 9

Level: Master

Mode of teaching: face-to-face

Interested Partners: HSB

Raw Materials and Processes of Organic Chemical Technology (CUT)

Scientific Field: Chemical Engineering

Language: English

TIG area: Entrepreneurship and innovation

Assessment method: Final test, exam

ECTS: 6

Level: Bachelor

Mode of teaching: face-to-face, possible to adapt

Interested Partners: HSB

Additive Manufacturing (CUT)

Scientific Field: Materials Engineering and Physics

Language: English

TIG area: Entrepreneurship and innovation

Assessment method: Final test, exam

ECTS: 6

Level: Bachelor or Master

Mode of teaching: face-to-face, blended, hybrid

Interested Partners: HSB

Fundamentals of Materials Engineering (CUT)

Scientific Field: Materials Engineering and Physics

Language: English

TIG area: Entrepreneurship and innovation

Assessment method: Test, exam

ECTS: 6

Level: Bachelor or Master

Mode of teaching: blended

Interested Partners: HSB

Heat Engines (CUT)

Scientific Field: Materials Engineering

Language: English

TIG area: Entrepreneurship and innovation

Assessment method: theoretical exam, practical exam

ECTS: 6

Level: Bachelor or Master

Mode of teaching: blended

Interested Partners: HSB

Hydrogen Technologies (HSB)

Scientific Field: Energy technology

ECTS: 6

TIG area: Sustainable Industry

Mode of teaching: blended

Language: English

Level: Bachelor

Assessment method: development report

Interested Partners: CUT

Quality Management and Production Metrology (HSB)

Scientific Field: Mechanical Engineering

Assessment method: written exam, project work and course work

TIG area: n/a

Level: Bachelor

ECTS: two times 6

Interested Partners: CUT

Mode of teaching: face-to-face

Language: German

Lean Manufacturing (HSB)

Scientific Field: Production and Manufacturing

Language: English

TIG area: Circular Economy

Assessment method: written exam

ECTS: 6

Level: Bachelor

Mode of teaching: online

Interested Partners: CUT, UFC

BIM Management and Leadership (HSB)

Scientific Field: Civil Engineering

Language: German

TIG area: Living Spaces

Assessment method: Portfolio

ECTS: 6

Level: Master

Mode of teaching: COIL

Interested Partners: UFC

Sustainable Planning and Building – Steel Construction (HSB)

Scientific Field: Civil Engineering

Language: German

TIG area: Living Spaces

Assessment method: Portfolio

ECTS: 3

Level: Master

Mode of teaching: COIL

Interested Partners: CUT

Structural Design in Existing Buildings – Steel Construction (HSB)

Scientific Field: Civil Engineering

Language: German

TIG area: Living Spaces

Assessment method: Portfolio

ECTS: 3

Level: Master

Mode of teaching: COIL

Interested Partners: CUT



Health Science

The Arts and Politics of Well-Being (HSB)

Scientific Field: Health Sciences

TIG area: Healthy Aging

ECTS: 6

Mode of teaching: blended hybrid

Language: English

Assessment method: presentation

Level: n/a

Interested Partners: ULL

Law

Introduction to Civil Legal Systems (UFC)

Scientific Field: Law

TIG area: potentially all TIGs

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD, ULL

Civil Rights (UFC)

Scientific Field: Law

TIG area: Vulnerabilities, Healthy Aging

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD, ULL

Property Law (UFC)

Scientific Field: Law

TIG area: Entrepreneurship and Innovation, Digital Transition

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD

Criminal Law (UFC)

Scientific Field: Law

TIG area: potentially all TIGs

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD, ULL



Contract Law (UFC)

Scientific Field: Law

TIG area: potentially all TIGs

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD, ULL

Corporate Law (UFC)

Scientific Field: Law

TIG area: potentially all TIGs

ECTS: 5

Mode of teaching: face-to-face, potentially hybrid

Language: English

Assessment method: 1h exam or 10 min. discussion

Level: Bachelor

Interested Partners: UAMD

Language Courses (1)

Business English (UAMD)

Scientific Field: English Language

TIG area: n/a

ECTS: 4

Mode of teaching: face-to-face

Language: English

Assessment method: written exams and assignment

Level: Bachelor

Interested Partners: SUO

BIPs – Students (22)

Management/Business/Economics

GISEL – Game of International supply chain management for efficient logistics (UFC)

Scientific Field: Business and administration

Language: English

TIG area: Circular Economies, Vulnerabilities, Digital Transformation

Assessment method: team work, oral presentation, game results

ECTS: 3

Level: Bachelor

Mode of teaching: blended

Interested Partners: HSB

Sustainability and ESG for Business (IPB)

Scientific Field: Management

Language: English

TIG area: Entrepreneurship and Innovation

Assessment method: n/a

ECTS: 6

Level: Bachelor/Master

Mode of teaching: blended

Interested Partners: SUO, HSB

STARS EU Startup (HSB/ULL)

Scientific Field: Business and Administration

Language: English

TIG area: Entrepreneurship and Innovation

Assessment method: group report

ECTS: 6

Level: Bachelor

Mode of teaching: virtual and face-to-face

Interested Partners: CUT

Circular Economy Innovation Bootcamp (ULL)

Scientific Field: n/a

Language: English

TIG area: Entrepreneurship and Innovation

Assessment method: Participation and final project

ECTS: 5

Level: Bachelor, Master, PhD

Mode of teaching: blended

Interested Partners: HSB, CUT

Business Simulation and Financial Analysis (IPB)

Scientific Field: Management

Language: English

TIG area: Entrepreneurship and Innovation

Assessment method: n/a

ECTS: 6

Level: Bachelor/Master

Mode of teaching: blended

Interested Partners: SUO, HSB

Transdisciplinary

Strategic Career Planning via Work-Integrated Learning (UW)

Scientific Field: open to all disciplines

Language: English

TIG area: n/a

Assessment method: n/a

ECTS: 3

Level: Doctoral Students

Mode of teaching: n/a

Interested Partners: HSB, CUT

Challenge-Based Innovation (IPB)

Scientific Field: Multidisciplinary

Language: English

TIG area: n/a

Assessment method: n/a

ECTS: 6

Level: Bachelor/Master

Mode of teaching: blended

Interested Partners: HSB; CUT

Work-Integrated Learning and Career Development in PhD Education (CUT)

Scientific Field: all disciplines

Language: English

TIG area: Entrepreneurship and Innovation

Assessment method: test, participation

ECTS: 5

Level: PhD

Mode of teaching: blended

Interested Partners: HSB

Health Sciences

Norm Awareness in Health Science (UW)

Scientific Field: Health, Social Work, arts

Language: English

TIG area: n/a

Assessment method: n/a

ECTS: 6/7,5

Level: Bachelor

Mode of teaching: n/a

Interested Partners: HSB

Mechanical Engineering

Coordinate Metrology (CUT)

Scientific Field: Mechanical Engineering

Language: English

TIG area: Sustainable Industry

Assessment method: test, project assessment

ECTS: 3

Level: Bachelor

Mode of teaching: blended

Interested Partners: HSB

Mechanics of Solid Structures and Fluids (CUT)

Scientific Field: Mechanical Engineering

TIG area: Sustainable Industry

ECTS: 3

Mode of teaching: n/a

Language: English

Assessment method: test, project assessment

Level: Bachelor

Interested Partners: HSB

Computer Science

Mobile Programming and Technologies (CUT)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: online and face-to-face

Language: English

Assessment method: reports, students' lab work

Level: Bachelor

Interested Partners: HSB, UAMD

Embedded Systems for Mobile Robots (HSB/Hanze)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: n/a

Level: Bachelor

Interested Partners: Hanze

IGNITION (HSB/Hanze)

Scientific Field: Computer Science

TIG area: Arts and Creative Industries

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: n/a

Level: Bachelor

Interested Partners: Hanze

Smart Grids (ULL)

Scientific Field: Engineering, Science, Computer Science

TIG area: Energy Transition

ECTS: 6

Mode of teaching: virtual and face-to-face

Language: English

Assessment method: challenges set by lecturers

Level: Bachelor

Interested Partners: HSB

Machine Learning for Data Science (HSB)

Scientific Field: Computer Science

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: virtual and face-to-face

Language: English

Assessment method: practical project documented by a report, intermediate online test

Level: Bachelor, Master

Interested Partners: HSB

Cybersecurity (IPB)

Scientific Field: Informatics

TIG area: Digital Transformation

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: n/a

Level: Bachelor/Master

Interested Partners: SUO, HSB, UAMD

Miscellaneous

Lab Safety in Technical Workplaces (IPB)

Scientific Field: Technology

TIG area: n/a

ECTS: 3

Mode of teaching: blended

Language: English

Assessment method: none

Level: Bachelor, Master

Interested Partners: HSB

Future Lab Camp – Connecting International Students with Local Stakeholders (CUT)

Scientific Field: lifelong learners

TIG area: Entrepreneurship and Innovation

ECTS: 6

Mode of teaching: virtual and face-to-face

Language: English

Assessment method: challenges set by stakeholders

Level: Bachelor

Interested Partners: HSB

Sustainable Urban Building intervention (UFC)

Scientific Field: n/a

TIG area: n/a

ECTS: 6

Mode of teaching: virtual and face-to-face

Language: English

Assessment method: n/a

Level: Bachelor

Interested Partners: HSB, CUT

Mastering the Art of Effective Presentations (SUO)

Scientific Field: Communication

TIG area: potentially all TIGs

ECTS: 6

Mode of teaching: blended

Language: English

Assessment method: presentations

Level: Bachelor/Master

Interested Partners: IPB, HSB

BIPs – Teaching Staff (6)

Arts and Social Science

Ethics in Science (UFC)

Scientific Field: Ethics

TIG area: n/a

ECTS: approx. 40h

Mode of teaching: face-to-face

Language: English

Assessment method: none

Interested Partners: HSB, UAMD

Creativity for Inclusion (IPB)

Scientific Field: Arts, Social Sciences

TIG area: Arts and Creative Industries

ECTS: 3

Mode of teaching: blended

Language: English

Assessment method: n/a

Interested Partners: HSB

Unlocking Imagination! (IPB)

Scientific Field: Arts, Social Sciences

TIG area: Arts and Creative Industries

ECTS: 5

Mode of teaching: blended

Language: English

Assessment method: n/a

Interested Partners: HSB, UAMD

Pedagogic Innovation (SUO/IPB/HSB)

Scientific Field: n/a

TIG area: all

ECTS: 3

Mode of teaching: blended

Language: English

Assessment method: n/a

Interested Partners: IPB, SUO, HSB, CUT

Mathematics Education

Mathematics for an interconnected world – Innovative teaching methods and contents for XXI Century challenges (ULL)

Scientific Field: Mathematics Education

TIG area: n/a

ECTS: 3 (up to 5)

Mode of teaching: blended

Language: English

Assessment method: none

Interested Partners: HSB, CUT



Bachelor degrees/minors on Bachelor level (2)

Energy and Society (Hanze)

Scientific Field: n/a

TIG area: Energy Transition

Total number of ECTS: 30

Number of semesters: 1 and 2

Language: English

Special semester: n/a

Interested Partners: HSB

International Business Management (IPB)

Scientific Field: Management

TIG area: n/a

Total number of ECTS: 180

Number of semesters: 6

Language: English

Special semester: none

Interested Partners: HSB

Master degrees (11)

Engineering and Ecology

Civil Engineering -Sustainable Planning and Building (HSB)

Scientific Field: Civil Engineering

Language: English

TIG area: Living Spaces

Special semester: n/a

Total number of ECTS: 90

Interested Partners: IPB, CUT

Number of semesters: 3

ARMAC – Advanced Robotics, Mechatronics and Automatic Control (UFC)

Scientific Field: Science and Engineering

Language: English

TIG area: n/a

Special semester: n/a

Total number of ECTS: 120

Interested Partners: HSB

Number of semesters: 4

Chemical Engineering (IPB)

Scientific Field: Chemistry

Language: English

TIG area: Circular Economy

Special semester: n/a

Total number of ECTS: 120

Interested Partners: CUT

Number of semesters: 4

Maritime Environmental Protections and Management (MEP&M) (UAMD)

Scientific Field: Environmental Science

Language: English

TIG area: n/a

Special semester: n/a

Total number of ECTS: 120

Interested Partners: HSB

Number of semesters: 4

International Interuniversity Master in Energy Decarbonization of Emerging Countries (ULL)

Scientific Field: n/a

Language: English

TIG area: Energy Transition

Special semester: Parts of S4 focus on internships for students not in apprenticeships

Total number of ECTS: 120

Interested Partners: HSB

Number of semesters: 4



Management/Business/Economics

Business Intelligence, Behavioral and Digital Economics for Effective Management (UFC)

Scientific Field: Economics and Management

TIG area: Digital Transformation

Total number of ECTS: 120

Number of semesters: 4

Language: English

Special semester: parts of S2 and the entire S4 focus on internships for those students not in apprenticeships

Interested Partners: HSB

Product and Process Innovation (CUT)

Scientific Field: Entrepreneurship

TIG area: n/a

Total number of ECTS: 90

Number of semesters: 3

Language: English

Special semester: n/a

Interested Partners: HSB

Computer Science

System and Software Engineering (UFC)

Scientific Field: Computer Science

TIG area: Digital Transformation

Total number of ECTS: 120

Number of semesters: 4

Language: English

Special semester: none

Interested Partners: HSB

Informatics (IPB)

Scientific Field: Computer Science

TIG area: n/a

Total number of ECTS: 120

Number of semesters: 4

Language: English

Special semester: none

Interested Partners: HSB, CUT, UAMD

Miscellaneous

Sustainable Development (UW)

Scientific Field: Work-integrated learning

TIG area: Circular Economy, Sustainable Industry, Entrepreneurship and Innovation, Energy Transition

Total number of ECTS: 120

Number of semesters: 4

Language: English

Special semester: yes

Interested Partners: CUT

Product and Process Innovation (IPB)

Scientific Field: multidisciplinary

TIG area: n/a

Total number of ECTS: 120

Number of semesters: 4

Language: English

Special semester: yes

Interested Partners: HSB

PhD degrees (14)¹

Engineering and Informatics

Computer science (UFC)

Language: French/English

Joint degree: n/a

Total number of ECTS/duration: 3 to max. 6 years

Number of students: 134

Interested Partners: UW, UFC, CUT, IPB

Intelligent Systems Engineering (IPB)

Language: English/Portuguese/Spanish

Joint degree: no

Total number of ECTS/duration: 180

Number of students: 15 per year

Interested Partners: ULL, UW, UFC, CUT

Industrial, Computer and Environmental Engineering (ULL)

Language: Spanish and English

Joint degree: no

Total number of ECTS/duration: n/a

Number of students: 30

Interested Partners: UW, UFC, IPB, CUT

Environmental engineering, mining and energy (CUT)

Language: English or Polish

Joint degree: yes, if possible

Total number of ECTS/duration: 4 years

Number of students: 260 in total

Interested Partners: ULL, UW, UFC, IPB

¹ This list has been compiled by Task 3.4 as a first draft wish list for joint doctoral programmes among the partner universities and has also been submitted as a milestone in June 2024.

Production Technology (UW)

Language: English

Joint degree: no but in collaboration

Total number of ECTS/duration: 4 years fulltime

Number of students: n/a

Interested Partners: UFC, IPB, CUT

Energy (UFC)

Language: French/English (currently mostly French)

Joint degree: yes, currently

Total number of ECTS/duration: 3 to max. 6 years

Number of students: 166

Interested Partners: ULL, UW, CUT, IPB

Computer engineering, automation and signal processing (UFC)

Language: French/English

Joint degree: n/a

Total number of ECTS/duration: 3 to max. 6 years

Number of students: 134

Interested Partners: UW, UFC, CUT, IPB

Physics (UFC)

Language: French/English

Joint degree: n/a

Total number of ECTS/duration: 3 to max. 6 years

Number of students: 134

Interested Partners: CUT, IPB

Automation, electronics, electrical engineering and space technology (CUT)

Language: English or Polish

Joint degree: yes, if possible

Total number of ECTS/duration: 4 years

Number of students: 260 in total

Interested Partners: ULL, UW, UFC, IPB

Technical informatics and telecommunications (CUT)

Language: English or Polish

Joint degree: yes, if possible

Total number of ECTS/duration: 4 years

Number of students: 260 in total

Interested Partners: ULL, UW, UFC; IPB

Science and Technology of Biosystems (IPB)

Language: English/Portuguese/Spanish

Joint degree: no

Total number of ECTS/duration: 180

Number of students: 15 per year

Interested Partners: UFC, CUT

Technology and Nature-Based Products (IPB)

Language: English/Portuguese/Spanish

Joint degree: no

Total number of ECTS/duration: 180

Number of students: 15 per year

Interested Partners: UW, UFC, CUT

Life Science

Health Sciences (ULL)

Language: Spanish and English

Joint degree: no

Total number of ECTS/duration: n/a

Number of students: 40

Interested Partners: UW, UFC

Economics

Economics (SUO)

Language: English

Joint degree: no

Total number of ECTS/duration: 4 years standard, 7 years max.

Number of students: n/a

Interested Partners: UAMD, ULL, UW, UFC