

# Cross-Disciplinary Strategies

Applied Studies in Art, Science, Philosophy, and Global Challenges

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## Curriculum

**Bachelor Programme**

**Duration: 8 Semesters**

**Programme Number: 033 700**

*This is the English translation of the original German version. Only the latter is legally binding.*

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## § 1. Objectives and principles

The bachelor's degree programme „Cross-Disciplinary Strategies. Applied Studies in Art, Science, Philosophy, and Global Challenges“ (CDS) conveys a broad spectrum of artistic and scientific skills, strategies and principles of artistic and scientific praxis, linked with the aspiration to promote a critical approach, cooperation skills and goal-oriented learning that will reach beyond individual areas of knowledge.

This programme's approach represents an answer to transformation processes that our globalized societies face today. To enable students to deal with complex and global dynamics as well as differing realities, courses designed to give an overview provide interdisciplinary knowledge and offer insights into strategies and methods from a number of areas of knowledge. In order to enable the handling of the world's complex societal challenges in the 21st century, the curriculum covers methods and basics of the arts as well as the humanities, social and natural sciences, economics and politics, thus reacting to the growing fragmentation of the sciences. The coherences between knowledge, experience, and politics are deduced and worked on in practical, artistic, and theoretical instructional models. Epistemology, methodology, and the history of science form the foundation for posing specific questions relating to the arts, natural sciences and the humanities, as well as the current social and political developments. The focus lies on the areas of artificial intelligence, big data, and their societal contextualization. During an introductory year, knowledge is imparted regarding the basics of programming, statistics, working academically, as well as the basics regarding human rights, the structure of international organizations, artistic practices, and the current discourses in social sciences and the humanities. In the subsequent years of study, the curriculum is structured around varying annual themes in the subject groups of science and technology, economics and politics, and artistic strategies. These address global challenges such as migration, medialization, labour, growth, environment, food, etc. Students apply the contents during annual projects in theoretical, practical, and interdisciplinary approaches. After the introductory year, the students of all semesters work together in a single class in order to learn from each other as much as possible in respect of subject knowledge and social skills. The education encompasses classical teaching formats, excursions, team teaching, project-based learning, tutoring, internships, and continuous reflection to accompany the studies. Objectives of the programme are to recognize complex coherences, to render them visible, and to integrate them into cooperative action-taking.

In order to educate professionals who are able to navigate in a globalized and interconnected world and who possess the qualifications to handle complex dynamics, the study programme offers new teaching and learning methods and action strategies. These promote collaboration and teamwork and enable the planning, creation, implementation, analysis and inspired leading of dynamic projects – an important contribution to providing critical and well thought out foundations for meaningful and sustainable decision processes.

## § 2. Legal basis, scope, and academic degree

(1) Pursuant to §54 para.1 subpara.11 of the Austrian Universities Act 2002 (UG), the bachelor degree's programme „Cross-Disciplinary Strategies. Applied Studies in Art, Science, Philosophy, and Global Challenges“ is assigned to the group of Interdisciplinary Studies. As the programme is located at a university of arts, evidence of artistic aptitude – within the meaning of §4 of this curriculum and in the framework of an entrance examination pursuant to §76 (UG) – is a prerequisite for admission to the study programme.

(2) In view of the particular requirements on content and structure to gain occupational competence, the programme is composed of 240 ECTS credits. This equals a minimum of eight semesters to complete the degree . Upon successful completion of the programme, and pursuant to §51 para.2 subpara.10 (UG), the academic title of „Bachelor of Arts“, abbreviated to „BA“, is awarded.

## § 3. Qualification profile

Graduates employ artistic skills, strategies and principles of artistic praxis and experience, plus broad knowledge regarding the basic principles of research from the areas of engineering, natural sciences, humanities and social sciences to identify, develop and bring about systematic and innovative approaches for the achievement of sustainable transformation and design processes. Graduates gain an understanding for the complex coherences of our globalized and tightly interwoven societies and are able to take a critical stance towards the multiple challenges of our time.

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Graduates are to pass through awareness-raising and qualification processes that will enable them:

- to identify and address relevant issues and strategies for change processes beyond the boundaries of disciplines
- to systemize and communicate (knowledge transfer) the approaches developed, and to implement them according to the requirements of the respective context
- to instruct and guide interdisciplinary work teams that are characterized by diversity and heterogeneity.

Due to the architecture of the study programme students have at their command a number of artistic skills and strategies, as well as interdisciplinary knowledge in respect of the basic principles of highly diverse knowledge areas, all of which facilitates a certain foresight and at the same time provides a high adaptability to a wide range of disciplines. Graduates will be enabled to lead, in a stimulating and cooperative way, decision processes and strategic developments in complex matters such as politics, administration and new economic systems of the 21st century. They are qualified for fields of work in both the public and the private sector, e.g. at universities and external research facilities where complex research subjects require interdisciplinary research teams. They also qualify for research departments and senior positions in the strategy development of commercial enterprises that design complex strategies for change processes and that have a need for ongoing renewal and change due to their organizational and content-wise orientation.

Further fields of work are available in the context of public administration bodies of the country, the federal states and larger urban spaces in respect of planning and decision-making processes of complex undertakings, plus in connection with political decision makers and panels that deal with diverging interests and complex tasks of multiple and far-reaching consequences. Opportunities can also be found in multinational institutions (e.g. the EU, UNO, OECD, UNESCO, OPEC), as well as in think tanks and enterprises that advise the business world and politics regarding development scenarios and potential courses of action, plus in lobbies that are confronted with a dramatic change in labour and production. Another field of work exists in cultural institutions that face a conflict of orientation between art, aesthetics, public sphere, politics and economic parameters, but offer suitable spaces to voice and make known to a wider public the global challenges confronting our societies today.

## **§ 4. Admission**

(1) Within the framework of an entrance examination, the examination committee aims to establish the presence of a particular visual and linguistic aptitude, combined with an aptitude for combinatory intelligence.

(2) The entrance examination consists of two parts, a short biography with a letter of motivation and a personal interview combined with a practical examination.

### **1. Short biography and study motivation (to be submitted in writing):**

In the short biography applicants are to present a written summary of their qualifications and main interests.

In the motivational letter applicants are to outline their expectations of the study programme and how they would apply the skills and competencies gained in this course of studies.

### **2. Interview**

During the interview and based on a practical examination, the examination committee will address the applicant's personal qualifications, study motivation and main interests, and how these align with the study programme objectives. Based on the results, the aptitude for interdisciplinary, scientific-artistic work in a critical-reflective manner is assessed.

## **§ 5. Programme structure**

The course of studies consists of 240 ECTS – this equals a minimum study period of 8 semesters – and is set up in three phases: introduction, intensification and application, conclusion.

### **1. Introduction phase**

The introduction phase consists of 60 ECTS and aims at securing the knowledge base that is to be broadened and applied during the following semesters. It covers the content-related basics of the programme's various fields of

study (cf. §6), the global challenges, and methods and operating principles essential for the study course. The learning achievements are scrutinized and documented in ongoing programme-related reflection.

## **2. Phase of intensification and application (150 ECTS)**

2.1. The study areas of Artistic Strategies, Science and Technology, Economics and Politics enhance and extend the knowledge base. The teaching focuses on a different theme each semester or academic year and, additionally, is oriented toward the Global Challenges.

### **2.2. Cross-disciplinary links:**

in the Cross-Disciplinary Capabilities course, headed by persons experienced in transdisciplinary work, students apply methods for creating cross-disciplinary links and – partly in conjunction with specialist representatives – explore linking potentials in project work. Students' work results are brought about in annual projects and are assessed in semester examinations. Projects are to touch on the contents of at least two study areas. Topics of the annual projects are either suggested by the students during the course of the winter semester or can be specified by the teaching staff.

The experiences made are to be documented in the study course portfolio (programme-related reflection) and form the basis for the concluding Bachelor thesis.

## **3. Concluding phase (30 ECTS)**

In the concluding phase the insights that have been developed are put together and reflected upon in a Bachelor thesis.

## **§ 6. Study areas**

The subjects relevant to the study course are structured in the following areas of study:

### **(1) Artistic strategies and art perception**

artistic procedures such as abstraction, ambiguity, alienation, plus media theory, art and knowledge transfer, etc., from an artistic and theoretic point of view

### **(2) Science and technology**

basics of artificial intelligence (AI) and robotics, bioinformatics/ genome editing/ programming, neurosciences, models and visualisations, etc., and the societal contextualisation thereof

### **(3) Philosophy**

epistemology, history and theory of science, methodology and political theory

### **(4) Global Challenges**

inequalities and poverty, climate change, demographic change, redefining human work in the era of robotics and digitalization, human rights, international organizations, etc.

### **(5) Communication and cooperation strategies**

forms of cooperation, communication, media, marketing, group dynamics, project management

### **(6) Economics and politics**

basics of economic and political strategies, about finance systems, social distribution, political geographies, etc.

### **(7) Working basis in each of the following areas: statistics, working academically, and research.**

## **§ 7. Courses**

(1) During the programme, courses are on offer from all study areas. In addition, there are the following specific teaching formats:

a) orientation tutorial: introduction to the resources and workshops/studios at the university

b) reflection to accompany the studies: within the framework of the programme-related reflection each student is to keep a studies portfolio, in which the competencies experienced during the programme are gathered in writing and/or visually for the purpose of documentation, analysis, and critical reflection in discussion groups.

c) Cross-Disciplinary Capabilities: in the course of Cross-Disciplinary Capabilities students are supported by experts to apply their knowledge in interdisciplinary ways and means.

(2) Free Electives: to the extent of 14 ECTS students may freely select scheduled courses available at either this university or any other national / international university (depending on the admission requirements at these institutions).

(3) Internships will be recognized pursuant to §78 para.3 and 4 (UG). In addition, recognition of an internship of at least 150 working hours at a subject-related external facility based in an artistic or other field may be granted once during the whole study programme for a course from CDC.

(4) As part of Artistic Strategies, a one-off intensification during the programme is possible as a guest of one of the art classes at the Angewandte (Art Studio Practise) to the extent of 6 ECTS.

(5) In addition, subject-relevant excursions may be offered in the context of the courses. (6) Lectures may partly be offered as digital formats. In such cases the digital teaching must be accompanied by a discursive teaching format.

## **§ 8. Exam regulations**

(1) The method of ascertaining successful completion of the individual study modules is to be announced by the heads of the modules in writing, at the same time as the lectures/courses are announced, or at the beginning of the semester at the latest.

(2) The academic accomplishment in examinations or courses with immanent examinations is to be assessed on use of a three-tier scale consisting of „mit Auszeichnung bestanden“ (passed with distinction), „bestanden“ (pass) or „nicht bestanden“ (fail).

(3) The academic accomplishment in the orientation tutorials and programme-related reflection is to be assessed pursuant to §73 para.1, 3rd sentence (UG). Positive assessments are „mit Erfolg teilgenommen“ (successfully completed /pass), negative are „ohne Erfolg teilgenommen“ (unsuccessfully completed /fail).

(4) Bachelor Thesis

4.1. The topic of the Bachelor thesis is to be taken from the course contents of the curriculum and the thesis content must represent the interdisciplinary character of the programme.

4.2. If a student applies for a supervising tutor as support when working on the Bachelor thesis, the vice-rector for academic affairs is to allocate one or more teaching staff members who are suitably qualified and have agreed to fulfil this function. Prerequisite is the student's written submission of a concept for the Bachelor thesis that includes a schedule of time and content. The concept is to be submitted at least three months prior to the beginning of the semester in which the student plans to produce the Bachelor thesis.

4.3. Prerequisite for admission to the Bachelor thesis is the evidence that all exams and course assessments have been successfully completed.

4.4. Following a public presentation to an examination committee, of which the supervising tutor(s) will be part, the academic accomplishment of the Bachelor thesis is to be assessed on use of a three-tier scale consisting of „ mit Auszeichnung bestanden“ (passed with distinction), „bestanden“ (pass) or „nicht bestanden“ (fail).

4.5. The Bachelor programme ends with the positive assessment of the Bachelor thesis (approbation). This decision is made by the committee appointed by the rectorate member in charge.

## **§ 9. Language of the programme**

The programme is taught in English. Students submit their written works in English language.

## § 10. Organizational conditions (part of the university statute)

1. For organizational and content-wise coordination, the rectorate will appoint a programme advisory board and a programme coordinator.

2. For appointment of a programme coordinator, the programme advisory board will recommend to the rectorate a person with interdisciplinary competences and interests and who graduated from a university.

The programme coordinator is in charge of

2.1. organizing the entrance examinations

2.2. securing the operational running of the study programme based on the curriculum and the decisions of the programme advisory board

2.3. supporting the programme advisory board in preparing and submitting recommendations to the rectorate regarding the employment of teaching staff

2.4. coordinating the teaching courses of “Programme-related Reflection” and „Cross-Disciplinary Capabilities“.

3. The programme advisory board consists of nine voting members and is composed in equal parts of the following persons:

- representatives from the group of university professors, as nominated by those university professors who have a seat in the senate
- representatives from the group of university lecturers, plus scientific and artistic staff, as nominated by the members of this group who have a seat in the senate
- representatives of the students, as nominated by the Students' Union (hufak).

A representative of the Working Group on Equal Treatment Issues is a programme advisory board member with a consulting vote.

3.1. The term of office for the members of the programme advisory board is three years.

For this period the programme advisory board elects a chairperson from among its members.

3.2. The programme coordinator is a programme advisory board member with a consulting vote.

3.3. The programme advisory board develops the annual themes (cf. §5.2.) and decides through simple majority on recommendations to the rectorate regarding the employment or assignment of teaching staff required to implement the curriculum.

4. Experts outside the university who are hired for teaching requirements of the curriculum are granted teaching authorization that covers the contents of their teaching responsibility. They may be titled „Visiting Professor“ or „Visiting Lecturer“ depending on the recommendation of the programme advisory board.

## § 11. Study Route

1. Basics Phase (60 ECTS)	ECTS
Artistic Strategies and Art Perception	10
Science and Technology	10
Philosophy	8
Global Challenges	6
Communication and Cooperation Strategies	6
Economics and Politics	4
Working Base, div. subjects (statistics 4 ECTS, basics of working academically 4 ECTS)	8
Orientation Tutorial	2
Programme-related Reflection	2
Free Electives	4

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2. Intensification / Application Phase (150 ECTS)	ECTS
Artistic Strategies and Art Perception	30
Science and Technology	30
Philosophy	15
Economics and Politics	30
Cross- Disciplinary Capabilities	30
Programme-related Reflection	5
Free Electives	10
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3. Bachelor Phase (30 ECTS)	ECTS
Bachelor Thesis	26
Programme-related Reflection	4

## **§ 12. Transitory regulations**

(1) Exam achievements that were attained by regular students in the subject of “Science and Technology” prior to the effective date of the curriculum version of Winter Semester 2020/21 and that exceed the required 30 ECTS, will – at the time of transition to the curriculum version of Winter Semester 2020/21 – be recognized and applied to the subject of “Economics and Politics” to the extent of 10 ECTS max.