

**Learning outcomes of cycles of higher education level and their connections to the qualifications framework**

1.1. In order to be awarded a bakalaureusekraad, a student shall:

- have a systematic overview of the basic concepts, theoretical principles and research methods of the field of study;
- be able to identify interdisciplinary relationships;
- understand the scopes of application of different specialities of the field of study;
- know the theoretical schools, development trends and current problems of the field of study;
- be able to formulate problems relating to the field of study and to analyse and evaluate different solutions;
- be able to collect information independently by using appropriate methods and means and to interpret it critically and creatively;
- be able to select and use appropriate technologies and methods when solving problems of the field of study, and, among other things, be willing to participate in team work and lead it;
- have command of the communication skills and information and communication technologies necessary for work;
- be able to explain orally or in written form in the language of instruction and in at least one foreign language problems relating to the field of study, and to participate in professional discussions;
- be willing to actively participate in the civil society and demonstrate tolerance towards diversity of attitudes and values;
- be able to evaluate the role of knowledge and the role and consequences of his or her professional activities in society, with consideration of scientific, social and ethical aspects;
- be able to apply the acquired knowledge and skills in work, to continue studies and to undertake continuous independent professional development.

1.2. The learning outcomes achieved on graduation from a Bachelor's study programme are in conformity with the general requirements described in the 6th level of the qualifications framework.

2.1. In order to be awarded a diploma of studies in professional higher education, a student shall:

- have a systematic overview of the basic concepts, theoretical principles and research methods of the field of study;
- be able to identify interdisciplinary connections in scopes of application of different fields of study;

- know current problems and potential applications of the field of study;
- be able to formulate problems relating to the field of study and to analyse and evaluate different solutions;
- be able to collect information independently by using appropriate methods and means and to interpret it critically and creatively;
- be able to select and use appropriate methods and technologies when solving problems of the field of study within given frameworks, and to model and/or assess potential results on the basis of given information;
- show initiative in initiating projects as well as responsibility, leadership and team work skills in implementation thereof;
- have command of the communication skills and information and communication technologies necessary for work;
- be able to explain orally or in written form in the language of instruction and in at least one foreign language problems relating to the field of study, and to participate in professional discussions;
- be willing to actively participate in the civil society and demonstrate tolerance towards diversity of attitudes and values;
- be able to evaluate the role and consequences of professional activities in society, with consideration of social and ethical aspects;
- be able to apply the acquired knowledge and skills in work, willing to engage as a specialist or undertaking in his or her field of profession;
- be able to undertake continuous independent professional development;

2.2. The learning outcomes achieved on graduation from professional higher education study programme are in conformity with the general requirements described in the 6th level of the qualifications framework.

3.1. In order to be awarded a magistrikraad (including upon completion of the integrated study programmes of Bachelor's and Master's study), a student shall:

- have systematic overview and broad knowledge of concepts, theories and research methods of the field of study;
- know the theoretical development trends, current problems and potential applications in the field of study;
- have in depth-knowledge in a narrower research field of the field of research;
- be able to identify and create interdisciplinary connections;
- be able to independently and creatively identify and formulate problems and /or research questions related to the field of study and be able to solve them with appropriate measures within given timeframes and within limited information, using of knowledge of other fields as necessary.
- be able to select and use appropriate methods and technologies when solving problems of the field of study, and to model and/or assess the potential results;

- be able to critically evaluate his or her activities when solving problems and/or research questions of the field of study;
- be prepared to work in an area of activity requiring professional qualifications, showing initiative, responsibility, leadership and team work skills;
- be able to hand down with competence his or her knowledge by teaching, instruction or in another manner;
- be able to present and reason orally or in written form in the language of instruction and a foreign language essential for his or her field of study the problems relating to the field of study, conclusions and the underlying theories, and to participate in relevant discussions of both corresponding specialists and non-specialists;
- be willing to actively participate in the civil society and demonstrate tolerance towards diversity of attitudes and values;
- be able to act ethically in complex situations, be aware of the ethical aspects, possibilities, restrictions and social role of his or her activities and be able to provide reasoned assessment in issues concerning his or her field of study;
- be able to evaluate his or her need, and the need of others, of continuing education and professional development, and have command of effective methods necessary for independent study;
- be able to continue studies or participate in research, act as a specialist or developer in his or her field, including internationally.

3.2. The learning outcomes achieved on graduation from a Master's study programme (including upon completion of the integrated study programmes of Bachelor's and Master's study) are in conformity with the general requirements described in the 7th level of the qualifications framework.

4.1. In order to be awarded a doktorkraad, a student shall:

- have broad knowledge and systematic overview within his or her field of research and in-depth and up-to-date knowledge within a narrower sphere of the field of research;
- understand the meaning and scope of the existing knowledge and research methods of the field of research and between fields so as to extend, reevaluate and formulate them as necessary;
- be able to independently and critically analyse, synthesise and evaluate new and complex ideas relating to the field of study, as well as creatively and with scientific accuracy identify and formulate research questions;
- have command of research methods of his or her field of research;
- be able to act independently in a complex, including international work and study environment, including in research which requires leadership and team work skills, innovative thinking and the ability of making strategic decisions;
- be able to initiate, design, implement and critically evaluate research and development projects that lead to new knowledge and new procedural solutions;
- be able to provide scientific ethical assessments, show insight into the possibilities and limitations of science, the social role of science and the responsibility of people in the use of scientific achievements;

- be able to analyse social norms and relationships, comply therewith and act to change them as necessary;
- be able to present orally or in written form the problems and conclusions relating to the branch of science and his or her research, and the underlying theories, both to specialist audiences and in communication with non-specialists, and to present reasons and participate in relevant discussions in the language of instruction and a foreign language essential for his or her field of study, as well as to publish original scientific results in internationally pre-reviewed academic publications or, in fields of study related to arts, creative works for international audience;
- have an ability to identify his or her need of further knowledge or skills and support the studies of others both in the context of education and science as well as on a wider social level;
- be able to hand down with competence his or her knowledge by teaching, instruction or in another manner.

4.2. The learning outcomes achieved on graduation from a Doctoral study programme are in conformity with the general requirements described in the 8th level of the qualifications framework.