

# Architecture of Master Degree in Kazakhstan

## **Master Program entry requirements**

- prerequisites are defined by each University  
undergraduate education = bachelor degree  
(maybe (non)relevant field of study)

## Master Degree Structure :

- Theoretical study not less 60 ECTS
- Practical training not less 24 ECTS
- Research work not less than 28 ECTS
- Final certification 21 ECTS

- **Theoretical study** supposes study the courses in accordance with the curriculum; the catalogue of elective courses is provided
- **Practical training** involves work in lab / processing unit within the university or at a company as an assistant of the professional; about 24 weeks
- **Research work** - work related to master degree scientific research issues often at companies/ laboratories

# Final certification

- Final examination
- Master thesis

# Final Examination

**aims at certifying students' knowledge in the field of the master program via answering the questions on major courses of the master curriculum.**

# Master Thesis

**Requirements:** comply with the basic issues in the field of study; be relevant, contain scientific novelty and practical significance; be based on modern theoretical, methodological and technological achievements of science and practice; be carried out with the use of modern methods of research; include research (methodological and practical) sections on the main protective position; be based on international best practice in the relevant fields of expertise. **60-80 pages.**

**Before defense: evaluation: by Research supervisor and Reviewer (from a different institution, maybe professional).**

**Publication of research result as an article**

## Duration of a master program - 2 years

	ECTS
<b>1 Basic courses</b>	<b>28</b>
<b>1.1 Compulsory courses: (History and Philosophy of Science, Foreign language, Pedagogics and Psychology)</b>	<b>14</b>
<b>1.2 Elective courses</b>	<b>14</b>
<b>2 Major courses</b>	<b>32</b>
<b>2.1 Compulsory courses:</b>	<b>5</b>
<b>2.2 Elective courses</b>	<b>27</b>
<b>3 Practical training</b>	<b>24</b>
<b>4 Research work</b>	<b>28</b>
<b>Master's thesis</b>	<b>16</b>
<b>Final examination</b>	<b>5</b>
<b>Total number of ECTS</b>	<b>133</b>



## Programme Structure - an example

Practical training, Research work, Internship, Basic (compulsory and elective) courses and Major courses are distributed in the following way

	Semester 1	Semester 2
Year 1	Basic Compulsory course	Major Compulsory course
	Basic Compulsory course	Major Compulsory course
	Basic Elective course	Major Elective course
	Basic Elective course	Major Elective course
		Practical training/Internship

Year 2	Semester 1	Semester 2
	Major Elective course	Master Thesis
	Major Elective course	Research work
	Major Elective course	
	Major Elective course	
	Practical training	Final Certification

## **Peculiarities of different model of master studies**

**Master program is only FULL time study program**

**1 academic period= 15 (traditionally) \ 10\ 8 weeks**

**Examination period = 2 weeks (after 15 week semester)**