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REPORT ON DEVELOPMENT OF SPECIFIC COMPETENCIES AND LEARNING OUTCOMES OF CURRICULA IN UNIVERSITY OF MONTENEGRO - UOM

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INTRODUCTION

University of Montenegro - Starting with the study year 2017/18, the basic, master and doctoral studies are organized according to the system of studying 3+2+3.

Basic studies - three years, six semesters, 180 credits. Only one academic study program, Civil Engineering.

Master studies -two years, four semesters, 120 ECTS credits. Three academic study programs: Civil Engineering- Structures; Civil Engineering – Infrastructure; Management in Civil Engineering.

Doctoral studies - three years, Six semesters, 180 ECTS credits. One academic study program, Civil engineering.

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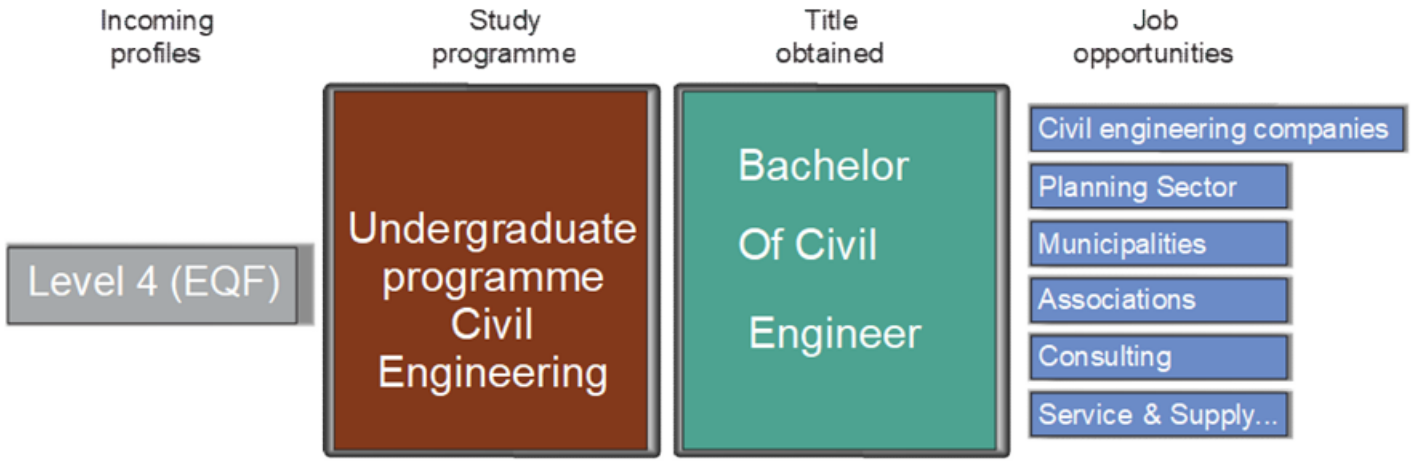
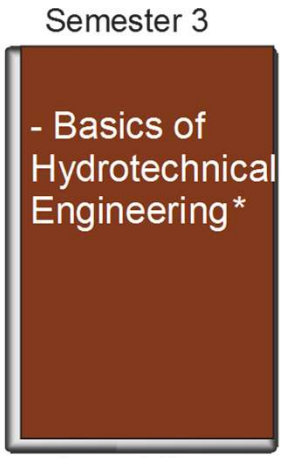
UNDERGRADUATE

STUDY PROGRAM CIVIL ENGINEERING	Module 1 CONSTRUCTION
	Module 2 INFRASTRUCTURE





* - existing course
(e) - elective course

Programme title:	CIVIL ENGINEERING
Level:	Undergraduate academic studies
EQF level:	6th level
Academic title:	Civil Engineer –Bachelor of Civil Engineering – 180 ECTS
Language:	Montenegrin
Duration:	3 years – 6 semesters
ECTS credits:	180 ECTS

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MASTER STUDIES

Study program **CIVIL ENGINEERING** **CONSTRUCTION**	**Module 1** **CONCRETE AND MASONRY STRUCTURES**
	Module 2 **STEEL, COMPOSITE AND WOOD CONSTRUCTION**
	Module 3 **GEOTECHNICS**
	Module 4 **MODELING AND THEORY OF STRUCTURES**
Study program **CIVIL ENGINEERING** **INFRASTRUCTURE**	**Module 1** **TRAFFICS ENGINEERING**
	Module 2 **WATER ENGINEERING**
Study program - Interdisciplinary **MANAGEMENT IN CIVIL ENGINEERING**	

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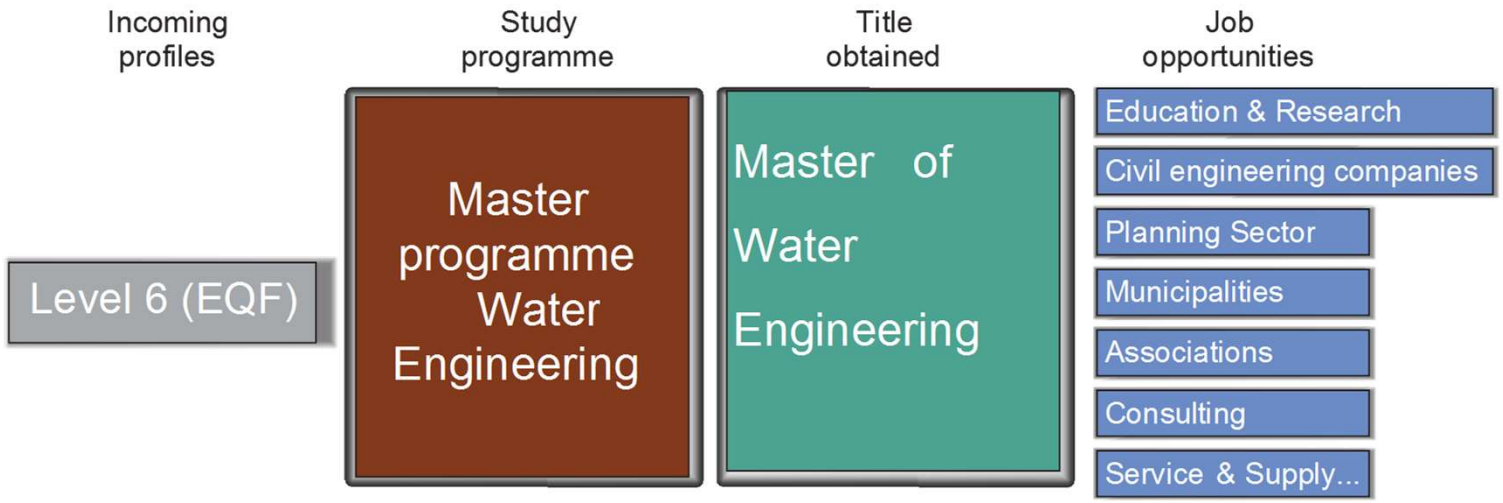

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MASTER STUDIES– CIVIL ENGINEERING INFRASTRUCTURE –
MODULE 2 – WATER ENGINEERING

	Name of the subject	Sem.	The number of classes			No. ECTS
			L	E	LB	
FIRST YEAR						
I - COMMON SEMESTER						
1	ENGINEERING GEODESY	I	2	1	1	**5**
2	ENGINEERING GEOLOGY	I	2	1	1	**5**
3	PROJECT MANAGEMENT	I	2	1	1	**5**
4	ENGINEERING HYDRAULICS	I	2	1	1	**5**
5	HYDROLOGY	I	2	1	1	**5**
6	MANAGEMENT IN CIVIL ENGINEERING	I	3	1	1	**5**
Total of active teaching			13	6	6	
Total of ECTS credits						**30**
	MODULE 2 WATER ENGINEERING – II – SEMESTER					
1	ENGINEERING HYDROLOGY	I	2	1	1	**5**
2	HYDRAULIC STRUCTURES	I	2	1	1	**5**
3	MUNICIPAL HYDROTECHNICS	I	3	1	1	**5**
4	WATER PROTECTION AND QUALITY	I	2	1	1	**5**
5	RIVER REGULATION	I	2	1	1	**5**
6	MODELING IN HYDRAULIC ENGINEERING	I	1	0	3	**5**
Total of active teaching			12	5	8	
Total of ECTS credits						**30**
SECOND YEAR						
	MODULE 2 WATER ENGINEERING – III – SEMESTER					
1	WATER TREATMENT	I	2	1	1	**5**
2	MEASUREMENTS IN HYDROTHETICS	I	2	1	1	**5**
3	USE OF WATER POWER	I	3	1	1	**6**
4	DRAINAGE AND IRRIGATION	I	2	1	1	**5**
5	PORTS AND HARBORS	I	2	1	0	**4**
6	HYDRAULIC OF GROUNDWATERS	I	2	1	1	**5**
7	**MASTER'S THESIS**	I	13	6	6	**30.0**
Total of active teaching			26	12	11	**60**
Total of ECTS credits						**120**

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Programme title:	CIVIL ENGINEERING MASTER – STUDY PROGRAMME INFRASTRUCTURE – MODULE - WATER ENGINEERING
Level:	Master academic studies
EQF level:	7th level
Academic title:	Graduated Civil Engineer Master – WATER EGINNERING – 300 ECTS
Language:	Montenegrin
Duration:	2 year –4 semesters
ECTS credits:	120 ECTS

Upon completion of this program, students may continue their education in the Doctoral Studies program in Civil Engineering at home or abroad. In addition, students who complete this degree program also have a degree in specialist academic studies.

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