



# STUDY VISIT AT DTU + LUND UNIVERSITY - June 26th to 29th, 2017



DEVELOPED DRM&FSE MPS CURRICULA

**EPOKA UNIVERSITY**

*The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained*



# DEVELOPED DRM&FSE MPS CURRICULA



**Assist. Prof.Dr.Erion Luga:** Lecturer, Dep. of CE

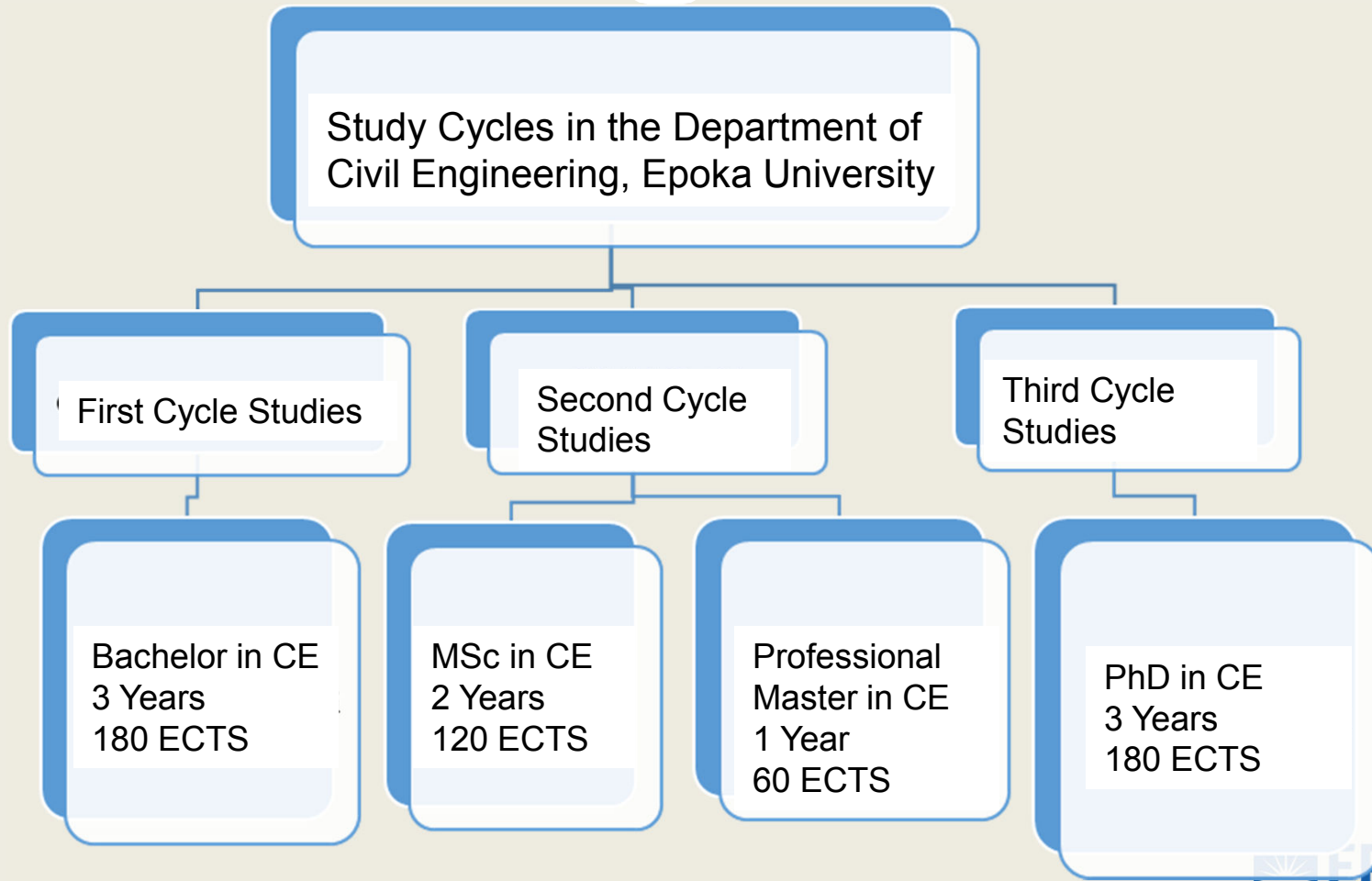
## **Education:**

- Integrated Diploma in Civil Eng. (5 years), Polytechnic University of Tirana
- Master of Second Level in Construction Materials, Epoka University
- PhD in Construction Materials, Erciyes University, Turkey

## **Specialised on:**

- Concrete
- Supplementary Cementing Materials
- Alkali Activated Binders

# DEVELOPED DRM&FSE MPS CURRICULA



# DEVELOPED DRM&FSE MPS CURRICULA



## *PROPOSED PROGRAM*

Programme name	Professional Master in DRM and FS
Executed by	Epoka University, Faculty of Arch. and Eng.
Educational-scientific field	Civil Engineering
Type of studies	Second Level Studies
ECTS	60
Academic degree	Professional Master in DRM -FS
Study length	1 year
Starting year	2018-2019 Academic Year
No. of students to be enrolled	20
Programme language	English

# DEVELOPED DRM&FSE MPS CURRICULA



**The students eligible to continue the Master program must have at least a 3-year Bachelor Diploma in:**

- Civil Engineering,
- Environmental Engineering,
- Hydrotechnical Engineering,
- Architecture or
- other related fields.

# DEVELOPED DRM&FSE MPS CURRICULA



**The Professional Master Program is organised in 2 semesters.**

## I-semester:

- 2 Core Courses and
- 2 Elective Courses,

## II-semester:

- 2 Core Courses,
- 1 Practical Course(Internship) and
- 1 Elective Course in the field of Disaster risk management and fire safety engineering.

Each semester includes 30 ECTS, and 60 ECTS in total.

# DEVELOPED DRM&FSE MPS CURRICULA



First Semester									
COURSES		Course Type	Compulsory /Elective	Weekly Course Distribution				Epoka Credits	ECTS
Code	Course Name			Theory	Pract.	Lab.	Total		
DRM-FS 401	Project Planning, Management and Coordination	B	Compulsory	2	2	0	4	3	7.5
DRM-FS 403	Structural Fire Safety	B	Compulsory	3	0	0	3	3	7.5
	Elective	B	Elective	2	2	0	4	3	7.5
	Elective	C	Elective	3	0	0	3	3	7.5
Semestral Total				10	0	0	14	12	30
Second Semester									
DRM-FS 402	Risk Analysis in Decision-making Process	B	Compulsory	2	2	0	4	3	7.5
DRM-FS 404	Economic/Financial Resilience to Hazards	B	Compulsory	3	0	0	3	3	7.5
DRM-FS 416	DRM-FS Internship	E	Compulsory	1	2	0	3	2	7.5
	Elective	D	Elective	3	0	0	3	3	7.5
Semestral Total				9	0	0	13	11	30

# DEVELOPED DRM&FSE MPS CURRICULA



List of Elective Courses									
COURSES		Course Type	Compulsory /Elective	Weekly Course Distribution				Epoka Credits	ECTS
Code	Course Name			Theory	Pract.	Lab.	Total		
DRM-FS 405	Flood Risk Assessment	B	Elective	3	0	0	3	3	7.5
DRM-FS 407	Reinforced Concrete Structures	B	Elective	2	2	0	4	3	7.5
DRM-FS 409	Landscape Perspectives in DRM & FS	E	Elective	2	0	2	4	3	7.5
DRM-FS 411	Durability of Concrete	C	Elective	2	0	2	4	3	7.5
DRM-FS 413	River Engineering	C	Elective	2	2	0	4	3	7.5
DRM-FS 406	Fire in Building Design	B	Elective	2	0	2	4	3	7.5
DRM-FS 408	Advanced Construction Materials	C	Elective	2	0	2	4	3	7.5
DRM-FS 410	Earthquake Disaster Mitigation	B	Elective	3	0	0	3	3	7.5
DRM-FS 412	Wireless Sensor Network	E	Elective	3	0	0	3	3	7.5
DRM-FS 414	Research Methods	A	Elective	3	0	0	3	3	7.5



# DRM&FSE PM COURSES



Compulsory Courses	Lecturer
Project Planning, Management And Coordination	Julinda Keci
Structural Fire Safety	Erion Luga
Risk Analysis in Decision-making Process	Julinda Keci
Economic/Financial Resilience to Hazards	???
DRM-FS Internship	<ul style="list-style-type: none"><li>• General Directorate of Civil Emergencies</li><li>• Fire Department</li><li>• Municipality of Tirana</li></ul>

<https://www.youtube.com/watch?v=-GNIDjkWIY0>

# DRM&FSE PM COURSES



Elective Courses	Lecturer
Flood Risk Assessment	Miriam Ndini
Reinforced Concrete Structures	Enea Mustafaraj
Landscape Perspectives in DRM & FS	Artan Hysa
Durability of Concrete	Erion Luga
River Engineering	Miriam Ndini
Earthquake Disaster Mitigation	Huseyin Bilgin
Fire in Building Design	Sokol Dervishi
Wireless Sensor Network	Endri Stoja
Research Methods	Albana Halili
Advanced Construction Materials	Erion Luga

# Equipping Education ICT-Based Laboratories



# Equipping Education ICT-Based Laboratories





# Equipping Education ICT-Based Laboratories



# Thank you!

