

Raw Materials Manager Course - NTUA Edition

After the successful first edition of the RMs Manager Course, the enrollment for the new edition has started, with three parallel courses organized by AGH, NTUA and TUKE. Gained experience was used to improve the formula and the course content to make it even more comprehensive.

The present, **NTUA edition** is organized by the [School of Mining and Metallurgical Engineering, \(SMME\) of NTUA in cooperation with AGH](#) and is addressed to **Greek and other European students**. This edition is an adaptation of the main RMs Manager course and is designed so as to include lectures from Professors and Industrial stakeholders from both the Greek and Polish Raw Materials sector .

The Raw Materials Manager course of 30 hours is dedicated to students (master's, bachelor's and doctoral students) of technical and management faculties. The aim of the course is to provide additional knowledge expected for better management of companies dealing with primary and secondary raw materials.

The structure of the RMs Manager course is based on surveys conducted among students and managers in order to provide additional knowledge and skills expected from the raw materials sector. It is a response to the students' aspirations and the needs of the mining and processing industry for a qualified team of strategic, technological, operational and social managers. Programme is co-financed by [EIT RawMaterials](#).

Participation in lectures and seminars is obligatory (min. 70%), as well as preparation and presentation of a case study in a group of about 3 students (15minutes) – the proposed subjects for presentation will be discussed during the first two lectures and students will have 2 months for preparation.

After completing the course (70% activities on lectures + presentations), students will receive a certificate labelled by EIT Raw Materials.

The **NTUA edition** of the Course, will take place from **11th of November 2021 to 10th of February 2022** and it will be divided into five thematic modules:

Module 1. Circular economy, SDGs and ecological aspects of mining activities

Module 2. Social and economic aspects of mining activities

Module 3. Corporation module

Module 4. Management skills

Module 5. Case study

→ All the lectures will be organized on-line, in English

→ The course is free of charge

By completing the course, participants will expand their knowledge of the circular economy applied to raw materials through an ambitious training created by academic and industry experts.

The programme of the Raw Materials Manager Course - NTUA Edition is given below

Raw Materials Manager Course - NTUA Edition – COURSE PROGRAMME

Module 1	Circular economy, SDGs and ecological aspects of mining activities	Date and time (CET) ¹	Lecturer	Link
1.1	Introduction - rules and discussion Role of raw Materials in economy and policy	11 Nov 16.00-17.30	Prof. Katerina Adam, SMME NTUA	Link to Module 1.1
1.2	Circular Economy (CE) and Green Deal	11 Nov 17.30-19.00	Assoc. Prof. Maria Taxiarchou/ Dr. Antonis Peppas, SMME NTUA, Greece	Link to Module 1.2
1.3	Post mining management and Social license to operate (SLO)	16 Dec 17.30-19.00	Prof. Katarzyna Pactwa, Wroclaw University of Science and Technology, Poland	
Module 2	Social and economic aspects of mining activities	Date and time	Lecturer	Link
2.1	Corporate social responsibility (CSR) of Raw Materials industries	20 Jan 2021 16.00-17.30	To be confirmed (TBC), Greek Industrial Partner	Link to Module 2.1
2.2	Economic aspects of sustainable mining	9 Dec 17.30-19.00	Prof. Dimitris Damigos, SMME NTUA	Link to Module 2.2
2.3	Innovation and new technology in mining and recycling	25 Nov 16.00-17.30 25 Nov 17.30-19.00	Assoc. Prof. Andreas Benardos, Assoc. Prof. Maria Taxiarchou, SMME NTUA & Greek Industrial Partner (TBC), Greece	Link to Module 2.3
Module 3	Corporation module	Date and time	Lecturer	Link
3.1	Megatrends and its impact on Raw Materials Industry	16 Dec 16.00-17.30	A. Kladis, ADMIRIS, Consultants, Greece	Link to Module 3.1
3.2	Responsible sourcing on the example of KGHM Polska Miedź SA	18 Nov 17.30-19.00	Rafał Bielski, KGHM Polska Miedź SA, Poland	Link to Module 3.2
3.3	Consultation for case study development	18 Nov 16.00-17.00	Dr. Adam Sulich, Wroclaw University of Business and Economics, Poland	Link to Module 3.3
3.4	Industrial symbiosis in raw material sector. Case study of recycling company	18 Nov 17.00-17.30	Katarzyna Blachowicz, Waste Management and Recycling Cluster, Poland	Link to Module 3.4
Module 4	Management skills	Date and time	Lecturer	Link
4.1	Leadership and team management	9 Dec 16.00-17.30	Prof. Ewa Beck-Krala, AGH University of Science and Technology, Poland	
4.2	Project management	2 Dec 16.00-17.30	Assoc. Prof. Maria Taxiarchou/ Vassiliki Missa, SMME NTUA, Greece	Link to Module 4.2
4.3	Internal and external communication	2 Dec 17.30-19.00	Prof. Katerina Adam, SMME NTUA	Link to Module 4.3
Module 5	Case study	Date and time		
5.1	Case study prepared by students	20 Jan 2022 17.30-19.00 10 Feb 2022 17.30-19.00	Prof. Katerina Adam. Dr. George Valakas, SMME NTUA	Link to Module 5.1

¹ All times are in Central European Time. Greek students must add 1 hour (e.g. 16:00 CET = 17:00 EET-Greek time)