

# UE Mineral resources

 **ECTS**  
3 credits

 **Component**  
UFR PhITEM  
(physique,  
ingénierie, terre,  
environnement,  
mécanique)

 **Semester**  
Automne

- > **Teaching language(s):** French
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** PAX8GRAA

## Presentation

### Description

This course is an initiation to economic geology given by academic researchers and people from mining industry. The main core concepts that will be developed are:

- (1) the global resources and reserves of ores today and in the future and the geological, societal, political, economical and environmental factors that constrain the exploitation of an ore deposit;
- (2) the exploration techniques;
- (3) the classification of ore deposits;
- (4) the geological processes involved in the formation of magmatic, sedimentary and hydrothermal ore deposits;
- (5) The ore resources in Europe and the exploration and exploitation of ore deposits in Europe

These concepts will be developed during lectures and practicals

## Course parts

UE Mineral resources - CMTD

Lectures (CM) & Teaching Unit (UE)

24h

**Period** : Semester 8

### Évaluation initiale / Session principale - Épreuves

Libellé	Nature de l'enseignement	Type d'évaluation	Nature de l'épreuve	Durée (en minutes)	Nombre d'épreuves	Coefficient de l'épreuve	Remarques
	Teaching Unit (UE)	CC	Oral - presentation	15		25%	Exposé oral et rapport écrit
	Teaching Unit (UE)	CT	Written - supervised work	120		75%	

### Seconde chance / Session de rattrapage - Épreuves

Libellé	Nature de l'enseignement	Type d'évaluation	Nature de l'épreuve	Durée (en minutes)	Nombre d'épreuves	Coefficient de l'épreuve	Remarques
	Teaching Unit (UE)	CT	Written - supervised work	120		75%	

## Additional information

Carole Cordier module manager

## Useful info

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## Contacts

Program director

**Carole Cordier**

✉ [Carole.Cordier@univ-grenoble-alpes.fr](mailto:Carole.Cordier@univ-grenoble-alpes.fr)

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## Place

› [Grenoble](#)

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## Campus

› [Grenoble - Saint-Martin d'Hères](#)