

## Faculty of Medicine



### DENT1281 Cariology and dental prevention

[15h] 2 credits

This course is taught in the 2nd semester

**Teacher(s):** Gaëtane Leloup, Jean-Pierre Van Nieuwenhuysen, José Vreven (coord.)  
**Language:** French  
**Level:** First cycle

#### Aims

This course aims at the comprehension of the factors intervening in the process of dental caries and the methods of prevention which result from this.

That implies the acquisition of essential concepts concerning dental tissues and the saliva, the factors etiologic and the mechanism of the decay as well as the methods of prevention specific to these various factors. At the end of the course, the student must be able to motivate and persuade his patients so that those adopt the measures of prevention adapted to their situation.

#### Main themes

The main topics are:

- the composition of dental tissues and saliva
- morphology of carious lesions
- etiology of dental caries (diet, bacteria, host)
- mechanism and pathology of dental caries
- main methods of prevention

fluoride

diet

oral hygiene

antiseptics

#### Content and teaching methods

Etiology of the carious process.

Preventive methods based on the etiologic factors

**Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)**

Pré-requis:

Dental anatomy - oral Histology - Microbiology - salivary glands physiology

#### Other credits in programs

<b>DENT12BA</b>	Deuxième année de bachelier en sciences dentaires	(2 credits)	Mandatory
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