

Faculty of Medicine



NUT2020 Approche expérimentale de la nutrition

[30h] 3 credits

Teacher(s): Véronique BEAULOYE, Jean-Paul Buts (coord.), Nathalie Delzenne, Pierre Deprez, Etienne Sokal
Language: French
Level: Second cycle

Aims

Experimental nutrition aims to demonstrate to students how experimental models in humans, animals and cultures of cells can answer to scientific questions in the field of nutrition. This cursus will learn to students to define questions to investigate, to summarize a research protocol and to analyse results of experiments.).

Main themes

The cursus is axed on specific nutritional scientific fields developed in laboratory of the Faculty of Medicine : 1° define the right question and replace it in its right context. 2° develop one or more models used to resolve the question. 3° present protocols used in practise to obtain a good answer to the problem raised. 4° discussion with students results of their investigations. The research may be the subject on which the teacher has worked directly or a project in preparation.

Content and teaching methods

Five (5) teachers develop a basic research model in their field of activities. Thus, there are 5 modules of 6 hours totalising 30 hours. Didactic methods : slides, transparents, exercises,

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

The examination will consist to stimulate the realisation of a research work elaborated from a question in nutrition. The students will be involved in the redaction of a protocol, in the discussion of results and in the emission of hypothesis. The cursus is magistral. Several research problems or fields are developed per year. Examination is written, each teacher raises 2 to 3 questions. The final cote is calculated on 20 as being the mean of the individual cotes of each teacher.

Other credits in programs

NUT22	Deuxième licence en sciences biomédicales (nutrition humaine)	(3 credits)	Mandatory
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