

Información del Plan Docente

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| Academic Year | 2017/18 |
| Faculty / School | 104 - Facultad de Medicina |
| Degree | 461 - Master's in Genetic, nutritional and environmental growth and development conditions |
| ECTS | 2.0 |
| Year | 1 |
| Semester | Annual |
| Subject Type | Compulsory |
| Module | --- |

1.General information**1.1.Introduction****1.2.Recommendations to take this course****1.3.Context and importance of this course in the degree****1.4.Activities and key dates****2.Learning goals****2.1.Learning goals****2.2.Importance of learning goals****3.Aims of the course and competences****3.1.Aims of the course****3.2.Competences****4.Assessment (1st and 2nd call)****4.1.Assessment tasks (description of tasks, marking system and assessment criteria)****5.Methodology, learning tasks, syllabus and resources****5.1.Methodological overview**

The methodology followed in this course is oriented towards achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as

1. Each student should prepare one topic related to the course contents.
2. The student will conduct a literature review with sources from the last year, and select 5 articles that will seem the

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most important. It is therefore suggested to go to PUBMED.

3. Out of these 5 articles, the student selects one to criticize and another to summarize; and these must be sent to the teacher to check whether they are suitable. Once accepted by the teacher, the student will work according to the following scheme: Title, Introduction (main issues which have led to the choice of topic), summary (of the articles, from lower to higher importance), Discussion (a personal assessment of the methodology used in each article and what brings novel to the topic), Conclusion (section where there is a summary of what students have learnt).
4. Solve nutritional situations in several clinical cases.
5. The deadline to submit the assignments will be communicated after seeing the evolution and development of the work.

5.2.Learning tasks

The course includes the following learning tasks:

- Participation in the forum
- Solving of nutritional clinical cases
- Reading the contents of the course posted on the platform
- Summary and critical analysis of recently published articles

5.3.Syllabus

The course will address the following topics:

- Topic 1. Assessment of nutritional status
- Topic 2. General Ideology infant feeding (breastfeeding, artificial, complementary)
- Topic 3. Nutrition in preschool and school
- Topic 4. Dietary surveys on nutrition / food
- Topic 5. Nutrition and growth. Growth failure of nutritional origin

5.4.Course planning and calendar

This course takes place during the months of March and April of the academic year.

Submission dates of assignments will be informed at the beginning of the course through a message / announcement of the teacher.

5.5.Bibliography and recommended resources

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Association between bone stiffness and nutritional biomarkers combined with weight-bearing exercise, physical activity, and sedentary time in preadolescent children. A case-control study.

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- Sociedades científicas

<http://www.aeped.es/>

<http://www.analesdepediatria.org/>

<http://www.aeped.es/comite-pediatria-basada-en-evidencia/evidencias-en-pediatria>

<http://www.aeped.es/sociedades/sociedad-espanola-gastroenterologia-hepatologia-y-nutricion-pediatrica>