

Embryologie - anatomo-physiologie comparée des crânes et mâchoires

Lecturer

Laurence LADRIERE (Coordinator)

Course mnemonic

BIOL-G1105

ECTS credits

5 credits

Language(s) of instruction

French

Course period

Second term

Course content

Theory : -Part VI : Compared Anatomo-physio

> Part VII : embryology

Practical part : microscopy and dissections

Objectives (and/or specific learning outcomes)

- > To sensibilize to fundamental unicity of living organisms and commune characteristics of human beings
- > To sensibilize to diversity of living organisms
- > To use basic notions about cellular structure and functions to understand the organisation of more complex organisms
- > to compare systems (structural and functional aspects)

Pre-requisites and co-requisites

Courses having this one as pre-requisit

BMOL-G2002 | Immunologie et microbiologie | 5 crédits, DENT-G2201 | Histologie et TP Module 1 | 5 crédits and MEDI-G2202 | Physiologie | 5 crédits

Teaching method and learning activities

> Academic Courses :

×Oral taught (illustrated with Power Point slides, vidéo)

Slides accessible with password online on Web CT www.uv.ulb.ac.be (Web CT) and in syllabus

×Seminars/conferences : taught by scientific and medical personalities, to implement theory concepts to concrete professional situations

> Guidance :

Framed hotlines by an biology assistant (twice per week) to ask questions about the course, to summarize and to prepare the final evaluation. Hotlines on Web CT (askings, forum, exercises, evaluations) – New interactif internet site for Multiple choice.

> Tutoring :

Framed hotlines by a senior student (once per week) : summarize, revision, askings

> Pratical courses :

Initiation to the practice (dissections, microscope/stéréomicroscope).

Contribution to the teaching profile

- > To initiate of life sciences
- > To introduce fundamental biological concepts
- > To develop skills, observation, critical mind and scientific rigor.
- > to compare systems (structural and functional aspects)

References, bibliography and recommended reading

> Biologie

Raven, Editions De Boeck Université ; Edition 2017

> Biologie

Campbell, Pearson Education ; 9ème édition

> Biologie animale. Invertébrés

J. Maissiat et al ; Editions Dunod

> Biologie animale. Vertébrés

J-L. Picaud et al ; Editions Dunod

> Biologie générale

Van Gansen P, Alexandra P – 4è édition Dunod

> Dico de Bio

Romarc Foret, Editions De Boeck Université

> Mini manuel de Biologie animale.

A-M. Bautz et al ; Editions Dunod

> Dictionnaire de Biologie

J. Berthet; Editions De Boeck Université

> Biologie moléculaire de la cellule

Alberts et al, 4ème édition, Médecine-Sciences Flammarion

> Biologie et Physiologie animales

A Beaumont, P Cassier, JP Truchot, Ed Dunod

> Evolution biologique

M Ridley, Ed De Boeck

> Physiologie humaine.

L. Sherwood - Editions De Boeck Université

Other information

Contact(s)

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Evaluation method(s)

Other

Evaluation method(s) (additional information)

> Theory: written or oral assessment by multiple choice questionnaires (50%) and/or open questions (50%), organized in the month of June (matter Q2).

> Practical course: continuous assessment throughout the year (50% points), oral assessment (dissection, report, observations, oral questions) in Mai-June covering all of the matter (50% points).

An evaluation of second session (remedial Aug.-Sept) will be held for students with a final grade of TP 10.

Determination of the mark (including the weighting of partial marks)

Detailed Assessment : Q2=BIOLG1105 (Matter and Practical Part))

1.Academic Course : written/oral exam (50% multiple choice questions and/or 50% open questions) in June (matter Q2); written/oral exam in August (Q2 + remedial Practical Part).

2.Practical course : annual evaluation (50% points) and final oral evaluation (dissection, report, observations, oral questions) in Mai-June (50% points). If the final grade of Practical Part 10.

3.Final grade of Teaching Unity 'Biology' :

Grade BIOLG1105 = If one note is

Main language(s) of evaluation

French

Programmes

Programmes proposing this course at the faculty of Medicine

BA-DENT | Bachelor in Dentistry | unit 1