

Online Course Catalogue



EÖTVÖS LORÁND
UNIVERSITY | BUDAPEST

Course Title

Study Field

University

**Human
growth and
development**

**Natural sciences,
mathematics and
statistics**

**Eötvös Loránd
University**

CHARM priority
field

Technology and
STEM

Course code

702204.0-3007

Faculty or department

Faculty of Science

Study Level:
MA/MSc

Number of credit
points:

4.0

Name of
instructor(s):

Annamaria Zsakai

Short description of the course

Developmental biology from anthropological perspectives: development, growth and maturation, growth velocity, factors influencing growth, influence of hormones on growth, heredity of intrauterine growth, external environmental factors, the influence of nutritional factors on growth, growth disorders, estimating the gestational age, methods of developmental status estimation; Neonatal development, growth rhythm and the natural growth periods, morphological changes in developmental periods; Developmental abnormalities: deformities, causes and forms of the congenital abnormalities, frequencies of congenital abnormalities and factors influencing them, twinning, heredity and teratogenesis; Fertilization; Amnion cavity, liquor amnii, umbilical cord, placenta: decidua, chorion villi, structure of the placenta, placental circulation, the growth of the placenta, implantation types, placental abnormalities; The development of the skeletal system; Blood, development of the vascular system, the development of the heart, developmental abnormalities, the development of the lymphatic system, developmental abnormalities of the lymphatic system, the development of the spleen; The development of the digestive apparatus; The development of the respiratory apparatus; The development of the urinary and generative organs

Full description of the course

<https://www.elte.hu/en/human-growth-and-development>

Learning outcomes

the learner get to know the main methods of developmental status estimations, main developmental (pre- and postnatal) processes

Additional information

Course requirements
basics in biology (cell biology, anatomy)

Time zone
CET (Spain, France, Germany, Netherlands, Hungary, Norway)

Language of instruction
English

Mode of delivery:
Hybrid (students of the CHARM partners join online, local students on campus)

Start date of course:
2024-12-02 00:00:00

Planned educational activities and teaching methods
Lectures, group work

End date of course:
5/17/2024

Learning Management System/
Teams

Assessment methods **assignment**

Contact hours per week for the student:
4

Certification
Transcript of records

Specific regular weekly teaching day/time
2

Course literature (compulsory or recommended):
recommended (lectures will be recorded, recordings can be used for studying)

Number of places available for CHARM students
Unlimited places

Contact mail address for further information about this course:
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