

UNIVERSITY OF BELGRADE  
FACULTY OF MEDICINE  
PhD STUDIES

NAME OF THE MODULE: ENDOCRINOLOGY

PROGRAM CONTENT

In this module, doctoral students will gain both theoretical and practical knowledge related to current issues in clinical endocrinology and learn research principles of endocrine diseases. They will become familiar with metabolic disorder tests and clinical research methods and learn how to identify current and feasible programs. Additionally, students will study literature that covers various problems in the field of clinical endocrinology as part of mandatory courses in this module. The elective courses offered in this module will cover a wide range of different areas of endocrinology.

REQUIREMENTS FOR THE ENROLMENT IN THIS STUDY PROGRAM

Specific requirements:

This Study Program can be enrolled by:

- A person with completed integrated academic studies of medicine who obtained 360 ECTS credits, and who expresses interest in being engaged in scientific and research work in the particular area that will be proved by presenting publications where the candidate is an author (one original scientific paper in the journal which is cited in the *Medline* database)

General requirements:

- A grade point average (GPA) of eight or above
- Ability to communicate in English and follow scientific literature.
- Appropriate computer skills
- Letters of Recommendation that demonstrate competencies for engaging in scientific work are welcomed

ADVISORY BOARD

Professor Nebojša Lalić, MD, Ph.D. (Council President)

LIST OF MANDATORY COURSES

1. Scientific Research Methodology
2. Informatics
3. Statistical Methods in Medical Research (basic course)
4. Research Ethics
5. Clinical endocrinology: research problems and methods (part one)
6. Clinical endocrinology: research problems and methods (part two)

## LIST OF ELECTIVE COURSES

1. Obesity and energy homeostasis
2. Diabetes mellitus and disorders of the endocrine pancreas
3. Disorders of lipid metabolism
4. Neuroendocrinology and disorders of the adrenal gonadal pituitary axis
5. GHRH-GHRP6/growth hormone/IGFI and the role of new molecules in the neuroendocrine control of energy homeostasis
6. Endocrine system tumors
7. Thyroid and parathyroid disorders