Course Name
Physiological Basis of Behavior

Lecturer:
Assoc. Prof. Lubomira Nikolaeva-Glomb, Ph.D.

<table>
<thead>
<tr>
<th>Type of Course</th>
<th>Educational Degree</th>
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<tbody>
<tr>
<td>Core</td>
<td>Master’s</td>
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<table>
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<tr>
<th>Year</th>
<th>Semester</th>
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<tbody>
<tr>
<td>First</td>
<td>1st</td>
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<tr>
<th>ECTS</th>
<th>Workload</th>
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<tr>
<td>3</td>
<td>15 hours of lectures</td>
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<th>Type of education</th>
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<tr>
<td>Part-time education</td>
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<th>Assessment</th>
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<td>Weekly quizzes and a final paper-and-pencil exam</td>
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<th>Language of Education</th>
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<tr>
<td>English</td>
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Prerequisites
None

Exam
Course requirements:
- Weekly quizzes
- A final paper-and-pencil exam.

Course aims
If there’s a Holy Grail in physiological psychology, it’s the elusive answer to the “hard problem” - why consciousness exists and how it relates to brain activity. We may never discover the answer to the hard problem, and biological psychologists will never run out of fascinating, if baffling, questions. The course will introduce students to the importance of neuroscience, genetics, and evolution for psychology and not just biology. It is focused on the biological mechanisms of the basic psychological processes and most of all the mind–body relationship. By the end of the course students will clearly see what the study of the brain has to do with “real psychology” and hopefully they will be interested in learning more.

1. NERVE CELLS AND NERVE IMPULSES

2. SYNAPSES

3. ANATOMY OF THE NERVOUS SYSTEM

4. VISION

5. THE OTHER SENSORY SYSTEMS

6. WAKEFULNESS AND SLEEP

7. EMOTIONAL BEHAVIORS

8. REPRODUCTIVE BEHAVIORS

9. THE BIOLOGY OF LEARNING AND MEMORY

10. COGNITIVE FUNCTIONS

References

Standards of Academic Integrity
Generally, academic fraud and dishonesty include, but are not limited to the following categories: cheating, fabrication, plagiarism, multiple submissions, etc.

- **Cheating:** Using unauthorized notes, aids or information on an examination; altering a graded work prior to its return to a faculty member, allowing another person to do one’s own work and submitting it for grading.
- **Fabrication:** Inventing or falsifying information, data or citation; presenting data gathered outside of acceptable professorial guidelines; failing to provide an accurate account of how information, data or citations were gathered; altering documents affecting academic records; forging signatures or
authorizing false information on an official academic document, grade, letter, form or any other university document.

- **Plagiarism**: Submitting material that in part or whole is not one’s own work; submitting one’s own work without properly attributing the correct sources of its content.
- **Multiple Submissions**: Submitting identical papers or course work for credit in more than one course without prior permission of the instructor.

A breach of ethics or act of dishonesty can result in:

- failure of an entire course (blatant plagiarism, cheating on a test or quiz);
- academic suspension or expulsion from the university.