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| <b>Title:</b>                            | <b>Introduction to cognitive science</b>   |
| <b>Number of hours:</b>                  | 30   |
| <b>Study period:<br/>(summer/winter)</b> | Winter   |
| <b>Number of credits:</b>                | 3  |
| <b>Assessment methods:</b>               | Final exam based on the materials covered in the course<br>Presentation/discussion prepared by a students based on the course readings   |
| <b>Language of instruction:</b>          | English  |
| <b>Prerequisites:</b>                    | Communicative knowledge of English   |
| <b>Course content:</b>                   | <p>The course covers basic knowledge in cognitive science including a historical overview as well as current trends and approaches.</p> <p>Our central inquiry is focused on understanding how the human mind works, and to explore this, we will address numerous specific questions, such as those related to perception, decision-making, morality, emotions, happiness, artificial intelligence, consciousness and the influence of the body and culture on cognition.</p> <p>This course is designed for students in core cognitive science disciplines, such as psychology, philosophy, computer science, linguistics, anthropology, and neuroscience. However, it is also open to those who are interested in understanding the workings of the human and non-human mind. During our sessions we will be trying to address the following questions</p> <ol style="list-style-type: none"> <li>1. What is cognitive science and what is it concerned with?</li> <li>2. Do we perceive reality directly or through representations?</li> <li>3. What does it mean that the mind is embodied?</li> <li>4. Can we think without emotions?</li> <li>5. Are altruism and empathy unique for humans?</li> <li>6. Is moral behavior universal or culture-bound?</li> <li>7. How does the language we use shape our minds?</li> <li>8. Do we need free will to be punished?</li> <li>9. What are the roots of art and beauty?</li> <li>10. Is there only one kind of happiness?</li> <li>11. Do we perceive the reality or affordances?</li> <li>12. Why do we discriminate against non-human consciousness?</li> <li>13. What does artificial intelligence tell us about natural intelligence?</li> </ol> |
| <b>Learning outcomes:</b>                | At the end of the course, students will be able to describe the contributions of their own discipline to cognitive science. They will have an understanding of basic cognitive functions and be able to elaborate on how factors such as language, culture, and the body shape our perception and thinking. Additionally, students   |

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|                          | will become familiar with current approaches and models in cognitive science. |
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