### Basic Subject

<table>
<thead>
<tr>
<th>Course</th>
<th>Course#</th>
<th>Hours</th>
<th>ECTS</th>
<th>Organizer</th>
<th>Time/Place</th>
<th>Course pre-registration?</th>
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<tbody>
<tr>
<td>Introduction to Psychological Methods and Statistics for non-psychologists</td>
<td>CS8751.000</td>
<td>2 + 2</td>
<td>6</td>
<td>M. Ernst</td>
<td>Wed 14-16 47.1.506, Thu 12-14 47.1.506</td>
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<tr>
<td>Course program Computer Science for non-computer Scientists</td>
<td>CS6307.000</td>
<td>3 + 1</td>
<td>6</td>
<td>F. Kazakov</td>
<td>Tue 16-18 123, Fri 12-14 121</td>
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<td>Course program Computer Science for all participants</td>
<td>CS6153.001</td>
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<td>6</td>
<td>H. Neumann with D. Schmid</td>
<td>Wed 10-12 H2, Thu 10-12 2201</td>
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<tr>
<td>Foundations and Concepts of Cognitive Systems Modeling</td>
<td>CS7887.000</td>
<td>2 + 2</td>
<td>6</td>
<td>D. Braun with S. Gottwald</td>
<td>Mon 14-16 1002, Fri 10-12 1002</td>
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### Interdisciplinary Subject

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<th>Time/Place</th>
<th>Course pre-registration?</th>
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<tr>
<td>Cognitive Systems I</td>
<td>CS7882.002</td>
<td>3 + 1</td>
<td>6</td>
<td>H. Neumann, M. Ernst, D. Braun</td>
<td>Mon 12-14 H2, Thu 14-16 H2</td>
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<tr>
<td>Recent Developments in Cognitive Systems Research</td>
<td>CS8755.000</td>
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<td>H. Neumann, M. Ernst</td>
<td>Mon 16-17 1002, Thu 17-19 47.1.501</td>
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### Special Subject

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<td>Specialisation in Cognitive Psychology</td>
<td>PSY74730.009</td>
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<td>4</td>
<td>A. Huckauf with W. Lau</td>
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<td>Learning &amp; Memory</td>
<td>CS6653.000</td>
<td>2 + 2</td>
<td>6</td>
<td>A. Scherp</td>
<td>Mon 12-14 2203, Thu 8-10 2203</td>
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<tr>
<td>Advanced Methods in Data Mining and Machine Learning</td>
<td>CS8013.000</td>
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<td>D. Braun with S. Gottwald</td>
<td>Tue 08-10 H2, Tue 10-12 2203</td>
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<td>Learning Systems II</td>
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<td>AI Planning</td>
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<td>M. Kiefer</td>
<td>Fri 11-12 30 Klinik für Psychiatrie II</td>
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<td>Knowledge-Based Artificial Intelligence</td>
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<td>M. Baumann</td>
<td>Mon 14-17 47.2.505</td>
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### Applied Subject

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<td>Computational Vision and Image Processing</td>
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<td>8</td>
<td>H. Neumann mit C. Jaspers, D. Schmid</td>
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<td>Multimodal Perception for Action</td>
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<td>Learning &amp; Memory</td>
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<td>D. Braun with Z. Zhang</td>
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<td>Project Deep Reinforcement Learning</td>
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<td>D. Braun with F. Wurzberger</td>
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<td>Multiteminar Deep-Learning Architectures</td>
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<td>Project Advanced Automated Reasoning</td>
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<td>B. Glömm with M. Illich</td>
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<td>Project Advanced Semiotic Web</td>
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<td>Project AI in Games</td>
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<td>Interaction</td>
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<td>Investigations in Cognitive Ergonomics - Basics</td>
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<td>Investigations in Cognitive Ergonomics - Research Trends</td>
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<td>M. Baumann with L. Miller, L. Hacken</td>
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<td>Project Driver-Vehicle Interaction (&quot;Cooperation in Traffic&quot;)</td>
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<td>Project Dialogue Systems</td>
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<td>Project User-Centered Design for Interactive Systems I</td>
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<td>Applied methods and concepts in Cognitive Systems</td>
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<td>Internet of Medical Things</td>
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<td>Investigating Functions in Perception, Cognition and Motor Behavior</td>
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<td>A. Scherp</td>
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### Courses winter term 2023/24 for Cognitive Systems FSPO 2017

from 2023/07/24