Budapest Semester in Cognitive Science
BSCS

- Eötvös University, liberal arts & sciences
- 12 weekly courses
- Interdisciplinary approach to cognitive science
- Independent research project
~Timeline~

Students arrive in Budapest: August 29-September 3.

Classes begin: 1st or 2nd week of September

Classes end: 1st or 2nd week of December.

K students are able to travel in December through the holiday season.

With a few rare exceptions, K students are typically the only group from the program who stay/return to Budapest to do collaborative research and work on individual projects for the month of January.

K students typically return back to the U.S: 1st week of February *

*Depending on your personal flexibility, extending your journey abroad until Spring Quarter is an option!

Note:

● Classes are weekly.

● Final exams are administered every Friday.

● Mondays are always a fresh start!!
Interdisciplinary Approach: Multiples Subject Areas

- Neuroscience
- Psychology
- Philosophy
- Interdisciplinary courses (ethology, computer informatics)
Interdisciplinary approach: Neuroscience

- Cognitive Neuroscience
  - Dr. László Négyessy

- Brain Imaging and Cognition
  - Dr. Vaibhav Diwadkwar

- Introduction to Neurobiology
  - Dr. Blaine Moore

- Neural Computation
  - Dr. Mihály Bányai
Interdisciplinary approach: Psychology

- Cognitive Psychology
  - Dr. Marieke Van Rooij

- Embodied Cognition
  - Dr. Anthony Chemero

- Cognitive Developments
  - Dr. Zoltán Jakab

**WORKING MEMORY**

**BADDELEY’S THEORY OF WORKING MEMORY**

- **Homunculus argument:** explains a phenomenon in terms of the very phenomenon that it tries to explain

- **The Central Executive** in Baddely’s Model has been criticized as being the homunculus
Interdisciplinary approach: Philosophy

- Cognitive Science
  - Dr. George Kampis

- History of Philosophy
  - Dr. Gábor Kutrovátz

- Philosophy of Language
  - Dr. Zsófia Zvolenszky
Interdisciplinary approach

● Cognitive Ethology
  ○ Dr. Ádám Miklósi

● Cognitive Informatics
  ○ Dr. Vassillis Cutsuridis

An example: Territorial aggression

In the robin (*Erithacus rubecula*) and in the stickleback (*Gasterosteus aculeatus*)
Dorm Life