



# Amsterdam Summer School

**Excellent lecturers of Vrije Universiteit Amsterdam**

**Interactive small-scale courses**

**Discussions with peers from all parts of the world**

## **Brain and Mind**

16 to 30 July 2016 (course starts Monday 18 July)

### **Course Content**

How does the human mind work? We all know the brain is responsible, but what are the mechanisms involved? How do our minds become conscious, perceive, remember and make important decisions?

This course provides you with a sound introduction to human cognition and how cognitive neuroscientists research it. Provided by the world-renowned Cognitive Psychology Lab at Vrije Universiteit Amsterdam, topics include consciousness and perception, brain networks and neuropharmacology, working memory, attention and cognitive control. Moreover, we give you hands-on experience with the state-of-the-art tools and models used to investigate the functioning of the mind. This is your opportunity to plan and run a cognition experiment, measure eye gaze,

analyse brain codes from MRI scans and interpret brain waves from EEGs. You will program your own computer task, analyse real data and present the findings.

Finally, you look at the practical side. What are the implications of brain and mind studies for design, wayfinding, marketing, health, safety, security and the law? The course includes an excursion and assignment organized in collaboration with one of our design or industry partners in the Amsterdam area.

## Who Should Join This Course?

Any student wanting a quick but thorough primer on cognitive neuroscience, a theme relevant in studies as wide-ranging as Law, Education, Communications and Economics, as well as in the exact sciences and computer science. The course will appeal both to undergraduates considering a Master's degree in a related field and to postgraduate or even PhD students in other areas who are looking for a thorough introduction to the topic.

## Course Information

**Course level:** Advanced Bachelor/Master

**Lecturers:** Prof. Christian Olivers, more to be announced

**Contact hours:** 50 (3 ECTS)

**Tuition fee:** € 1.150

Included in the tuition fee are:

- Airport pick-up service
- Orientation programme
- Course excursions
- On-site support
- 24/7 emergency assistance
- Transcript of records after completion of the course

## Discounts and Scholarships

Apply before 1 March and receive €100 early bird discount. Students from partner universities get €250 discount. The Amsterdam Summer School offers 10 scholarships of a full tuition fee waiver of one course.

## Housing

Different housing options are available both on and off campus. Find out more online.

## Amsterdam Summer School

The Amsterdam Summer School of Vrije Universiteit Amsterdam offers small-scale courses (max. 25 participants) in a wide range of fields. Our courses are designed to provide an intensive, in-dept look at your topic of study. Besides the built-in course excursions we offer an extensive social programme.

## Contact

I [www.amsterdamsummerschool.nl](http://www.amsterdamsummerschool.nl)

E [amsterdamsummerschool@vu.nl](mailto:amsterdamsummerschool@vu.nl)

T +31 (0)20 5986429

