

View Syllabus Information

Even after classes have commenced, course descriptions and online syllabus information may be subject to change according to the size of each class and the students' comprehension level.

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Course Information			
Year	2020	School	School of International Liberal Studies
Course Title	Brain and Cognition		
Instructor	ONZO, Ayako/MOGI, Kenichiro		
Term/Day/Period	fall semester Thur.3		
Category	Intermediate Subjects	Eligible Year	2nd year and above
		Credits	2
Classroom		Campus	waseda
Course Key	210MI30700	Course Class Code	51
Main Language	English		
Course Code	BRNX201L		
First Academic disciplines	Brain Sciences		
Second Academic disciplines	Brain Sciences		
Third Academic disciplines	Brain Sciences		

Level Intermediate, developmental
and applicative

**Types of
lesson** Lecture

Syllabus Information

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Subtitle A modern primer.

Course Outline In this course, we introduce and discuss some key issues and problems in the cognitive neurosciences.

Objectives After completing the course, the student will be able to pursue his or her own lines of interest in this field more or less independently.

**before/after
course of study** The lectures are self-contained and there are no needs for preparations and reviews, unless the student chooses to do so.

Course Schedule Ayako Onzo would give 10 lectures, while Ken Mogi would give the remaining 5 lectures.
The lectures will be cross-referenced and interdependent, so the following list of themes are just a suggestion of what to be expected, although some key terms will be certainly covered, often more than once.
The order in which these themes are presented are tentative, subject to change based on the lecture process and student reactions.

Lecture 1 Introduction to brain and behavior.

Lecture 2 Vision

Lecture 3 Memory

Lecture 4 Intelligence

Lecture 5 Brain and artificial intelligence.

Lecture 6 Emotion

Lecture 7 Communication

Lecture 8 Personality.

Lecture 9 Individual differences.

Lecture 10 Language

Lecture 11 Disorders of the mind

Lecture 12 Embodiment

Lecture 13 Consciousness.

Lecture 14 Grit, mindfulness, and overflow.

Lecture 15 Summary and reflections.

Lectures given by (subject to change)

Lecture 1 Onzo Lecture 2 Mogi Lecture 3 Mogi Lecture 4 Onzo Lecture 5 Onzo

Lecture 6 Mogi Lecture 7 Onzo Lecture 8 Mogi Lecture 9 Onzo Lecture 10 Mogi

Lecture 11 Onzo Lecture 12 Onzo Lecture 13 Onzo Lecture 14 Onzo Lecture 15

Onzo Lecture

Textbooks Some optional textbooks would be suggested during the lecture.

Reference Some optional journal papers would be suggested during the lecture.

Evaluation

Rate

Evaluation Criteria

Exam: 100% Some basic terms to be explained, an essay, and paper reading.

Note / URL Past exams will be given to the students so that they can expect what to study for.

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