

Paradigms of Experimental Psychology (H002036)

Course size (nominal values; actual values may depend on programme)

Credits 6.0 Study time 180 h Contact hrs 45.0 h

Course offerings and teaching methods in academic year 2016-2017

A (year)	Dutch	guided self-study	2.5 h
		lecture	30.0 h
		practicum	2.5 h
		seminar: coached	10.0 h

Lecturers in academic year 2016-2017

Duyck, Wouter	PP02	lecturer-in-charge
Callens, Maaïke	PP02	co-lecturer

Offered in the following programmes in 2016-2017

	crdts	offering
Bachelor of Science in Psychology (main subject Theoretical and Experimental Psychology)	6	A
Linking Course Master of Science in Psychology (main subject Teacher Education and Training)	6	A
Linking Course Master of Science in Psychology (main subject Theoretical and Experimental Psychology)	6	A
Preparatory Course Master of Science in Psychology (main subject Teacher Education and Training)	6	A
Preparatory Course Master of Science in Psychology (main subject Theoretical and Experimental Psychology)	6	A

Teaching languages

Dutch

Keywords

experimental psychology, cognition

Position of the course

This course contributes to the following competence areas from the psychology program:

B.1.1. Know and use key concepts, theories, theoretical frames of reference, explanatory models, methods and techniques of psychological science.

B.1.4. Appreciate uncertainty, ambiguity and limits to knowledge of psychological science.

B.2.1. Initiate problem-driven psychological research.

B.2.2. Identify international psychological research, judge its added scientific value and use it.

B.2.3. Critically apply methods and research/design techniques of psychological sciences

B.2.4. Select, use, motivate and value models for psychological research or design purposes.

B.2.5. Creatively discover relationships between psychological concepts and discover novel points of view.

B.2.6. Interpret, report and assess the results of existing/one's own initial psychological research or design.

B.2.7. Be aware of the (historical) evolution of psychological research.

B.3.1. Analyze abstract and concrete psychological problems.

B.3.2. Come to conclusions on the basis of scholarly knowledge for abstract and concrete psychological questions.

B.3.3. Adopt a point of view on an abstract or concrete psychological question.

B.3.4. Accessing a psychological question from multiple perspectives (multiperspectivism).

B.4.1. Communicate in writing on the results of learning, thinking and decision-making regarding psychological practice or research, both to specialists and non-specialists.

B.6.5. Knowledge and insight with regard to the scientific psychological knowledge which is relevant to the profession.

Contents

In this course the following content is provided.

- A series of seminars focusing on selected paradigms in the field of experimental psychology in which the relation between theoretical questions and empirical research are elaborated. On the basis of these seminars, the students write two papers. Each paper is evaluated, revised after individual feedback, and again evaluated. Each paper situates and elaborates a problem selected by the student and develops it into a research proposal meant to contribute to the solution of the problem.
- The design of a poster on the basis of a short research article available in the research literature and selected by the student. Presentation and discussion in a poster session.

Initial competences

Psychologische functieer I, Psychologische functieer II, Methodologie, Statistiek I

Final competences

- 1 to have knowledge of, and insight in, recent scientific research in the domain of cognitive psychology
- 2 to be able to summarize and critically discuss the existing scientific literature in a subdomain of cognitive psychology
- 3 to be able to develop a relevant and innovate research hypothesis in the domain of cognitive psychology
- 4 to be able to develop a research design and method to test a research hypothesis in cognitive psychology
- 5 to be able to present a research proposal and method in a scientific report
- 6 to be able to evaluate theoretical implications of possible research findings
- 7 to be able to evaluate and respond to criticism on a research proposal
- 8 to be able to present an own research proposal in cognitive psychology by means of a poster

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Guided self-study, lecture, practicum, seminar: coached exercises

Learning materials and price

- Notes and slides available on the web.
- Infobrochure on Minerva

References

Course content-related study coaching

- Interactive support using Minerva (FAQ, e-mail..) and the departmental website.
- By appointment.

Evaluation methods

continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Examination methods in case of periodic evaluation during the second examination period

Examination methods in case of permanent evaluation

Participation, assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is not possible

Extra information on the examination methods

The evaluation is based on several components: two papers which develop a research proposal on the basis of one of the paradigms presented; design and discussion of a poster based on a research article

Calculation of the examination mark

Students who do not pass one or more parts of the evaluation can no longer pass the course. Final scores of 8 and above will be reduced to the highest non-deliberative quotation (7/20)