

# PS355-15 Attention

**23/24**

**Department**

Psychology

**Level**

Undergraduate Level 3

**Module leader**

Melina Kunar

**Credit value**

15

**Module duration**

12 weeks

**Assessment**

33% coursework, 67% exam

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

The aim of this module is to provide a broad understanding of attention, why we need it, how it works and what happens when it breaks down.

[Module web page](#)

### Module aims

The aim of this module is to provide a broad understanding of attention, why we need it, how it works and what happens when it breaks down. Topics include how we can select just a few items among many; whether we select the items themselves or the locations they occupy; whether there are some items that we cannot help but attend; how attention can be affected by brain damage; how we can sometimes fail to see items that appear right in front of our eyes; and how we use modern brain-scanning techniques to investigate attention.

### Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

1 Introduction

- 2 Perceptual load and Attention
- 3 The Control of Attention
- 4 Spatial versus Object-based Attention
- 5 Unilateral Neglect
- 6 Divided Attention
- 7 Visual Search
- 8 Visual Search and Memory
- 9 The Limits of Attention
- 10 Brain Imaging Techniques Within Attention
- 11 Revision
- 12 Revision

## **Learning outcomes**

By the end of the module, students should be able to:

- Critically evaluate the 'classical' attention paradigms (such as Inhibition of Return and Negative Priming etc.) along with some more recent experimental paradigms
- Critically evaluate the advantages and disadvantages of multiple brain scanning techniques used to investigate attention, with examples of how each technique has been used in research.
- Critically evaluate the evidence for and against several main theories of attention.
- Critically evaluate theories showing why attention is impaired after brain lesions, as well as critically evaluating theories showing normal temporal and spatial limits of attention.
- Critically evaluate theories of how we use attention to help us search and relate to the visual environment.

## **Indicative reading list**

Styles, E. A. (1997). The psychology of attention. Psychology Press Ltd.

Pashler, H. (1998). Attention. Psychology Press Ltd.

Wright, R. D. (1998). Visual attention. Oxford University Press

Shapiro, K. (2001). The limits of attention: Temporal constraints in human information processing. Oxford University Press

Reisburg, D. (1997). Cognition. Norton

Humphreys, G. (1989). Visual cognition. Lawrence Erlbaum Associates Ltd

[View reading list on Talis Aspire](#)

## **Subject specific skills**

Understanding of the main theories of attention

Understanding of temporal and spacial limits of attention

Evaluation of experimental paradigms

Evaluation of different brain scanning techniques

## **Transferable skills**

Critically evaluation of evidence and research

Effective communication skills to develop a cogent argument supported by relevant evidence and being sensitive to the needs and expectations of an audience

Familiarity with collecting and organising stored information found in library book and journal collections

effective personal planning skills

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## Study

### Study time

Type	Required
Lectures	12 sessions of 2 hours (16%)
Seminars	10 sessions of 1 hour (7%)
Private study	116 hours (77%)
Total	150 hours

### Private study description

116 hours Guided Student Study.

### Costs

No further costs have been identified for this module.

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## Assessment

You do not need to pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

### Assessment group D5

	Weighting	Study time
Essay	33%	
Online Examination	67%	
~Platforms - AEP		

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- Online examination: No Answerbook required

## Feedback on assessment

assessed via annotated copy and academic guidance form; exam performance via personal tutor or online.

[Past exam papers for PS355](#)

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## Availability

### Courses

This module is Optional for:

- UPHA-L1CA Undergraduate Economics, Psychology and Philosophy
  - Year 3 of L1CA Economics, Psychology and Philosophy
  - Year 3 of L1CC Economics, Psychology and Philosophy (Behavioural Economics Pathway)
  - Year 3 of L1CD Economics, Psychology and Philosophy (Economics with Philosophy Pathway)
  - Year 3 of L1CE Economics, Psychology and Philosophy (Philosophy and Psychology Pathway)
- UPHA-L1CB Undergraduate Economics, Psychology and Philosophy (with Intercalated Year)
  - Year 4 of L1CG Economics, Psychology and Philosophy (Behavioural Economics Pathway) (with Intercalated Year)
  - Year 4 of L1CH Economics, Psychology and Philosophy (Economics with Philosophy Pathway) (with Intercalated Year)
  - Year 4 of L1CJ Economics, Psychology and Philosophy (Philosophy and Psychology Pathway) (with Intercalated Year)
  - Year 4 of L1CB Economics, Psychology and Philosophy (with Intercalated Year)
  - Year 4 of L1CB Economics, Psychology and Philosophy (with Intercalated Year)
- Year 3 of UPSA-C800 Undergraduate Psychology
- Year 4 of UPSA-C801 Undergraduate Psychology (with Intercalated year)
- Year 3 of UPSA-C804 Undergraduate Psychology with Education Studies
- Year 4 of UPSA-C806 Undergraduate Psychology with Education Studies (with Intercalated Year)

This module is Unusual option for:

- Year 3 of UPHA-L1CA Undergraduate Economics, Psychology and Philosophy

This module is Option list A for:

- Year 3 of UPSA-C804 Undergraduate Psychology with Education Studies

This module is Option list B for:

- Year 3 of UPHA-VL78 BA in Philosophy with Psychology
- Year 4 of UPHA-VL79 BA in Philosophy with Psychology (with Intercalated year)
- Year 1 of TPSS-C8P9 Postgraduate Taught Psychological Research

This module is Option list C for:

- Year 3 of UPSA-C802 Undergraduate Psychology with Linguistics
- Year 4 of UPSA-C805 Undergraduate Psychology with Linguistics (with Intercalated Year)

This module is Unusual option for:

- Year 4 of UPSA-C805 Undergraduate Psychology with Linguistics (with Intercalated Year)