

**MODULE APPROVAL FORM**  
**SECTION 1 – THE MODULE SPECIFICATION**

<b>1. Module title</b>	B7 Cognitive Neuroscience research			
<b>2. Is this module also available for Study Abroad students</b>	<del>Yes</del>	No		
<b>3. Module code</b> <b>For King's students</b> <b>For Study Abroad students if different</b>	7PAMNNB7			
<b>4. Subject area</b>				
<b>5. Credit level (tick one box only)</b>	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input checked="" type="checkbox"/> 7√
<b>6. Credit value (tick one box only)</b>	<input type="checkbox"/> 15	<input checked="" type="checkbox"/> 30√	<input type="checkbox"/> 45	<input type="checkbox"/> 60
<b>M Level only</b>	<input type="checkbox"/> 20	<input type="checkbox"/> 40	<input type="checkbox"/> 90	
<b>7. Teaching institution (if not King's College)</b>				
<b>8. Proposing department</b>	Department of Psychology, Institute of Psychiatry			
<b>9. Module organiser and contact details</b>	Professor Veena Kumari 020 7848 0233 <a href="mailto:Veena.kumari@kcl.ac.uk">Veena.kumari@kcl.ac.uk</a>			

**10. Educational aims of the module**

The module is one of several taught modules on the MSc Neuroscience and will further develop the students' knowledge of cognitive neuroscience gained from the compulsory modules in fundamental neuroscience, especially modules A3. By focusing on current research in this area, the module will also enhance the student's understanding of research methods and so improve their ability to undertake a successful MSc research project. It will introduce students to the range of methods used in cognitive neuroscience including functional neuroanatomy in health and disease. Students will then be introduced to relevant theoretical concepts and exciting new evidence on neuroscience of various cognitive domains, cognitive development across the life span, and cognitive recovery and rehabilitation after brain damage. Other lectures will cover the effects of sex, drugs, genes and personality in cognition and the neural basis of these effects and the neuroscience of social cognition which includes our ability to recognise emotions and think about them from another person's perspective. The module will place a strong emphasis on enabling students to critically appraise the relevant scientific literature and is compulsory for those students wishing to specialise in this subject area

The aim is to develop the student's ability to understand and to interpret scientific literature specific to research in cognitive neuroscience. Students completing this module in combination with Module C7 Research Project in Cognitive Neuroscience will be equipped to make an informed career choice, either in further postgraduate education (eg PhD) or employment related to developmental neurobiology. Alternatively, students may wish to choose a research project in a different subject area leading to an understanding of research activities in two neuroscience fields.

**11. Learning outcomes of the module (these need to take account of the generic level descriptors)**

After completing this module, successful students will have a good understanding of functional neuroanatomy and to integrate this with knowledge of cognitive psychology, neuropsychology, neuroscience, psychophysics, neuroimaging and genetics.

Students will also be able to critically appraise the scientific literature and enable them to provide brain-based accounts of cognitive functions such as perception, memory, language and fear-learning and an understanding of cognitive development across the life span, and recovery of cognitive function after brain damage. These aspects of the taught research module will enable students to make an informed choice of research project, either in the same or a different subject area.

Students completing this module in combination with Module C7 Research Project in Cognitive Neuroscience will be equipped to make an informed career choice, either in further postgraduate education (eg PhD) or employment related to the subject.

**12. Programme details** (please list all the programmes to which the module contributes and state whether it is introductory (I), professional (P), core (Cr), compulsory (Cp), part of a core/compulsory pair (CrCp) or optional (O) for each programme. Where the module will form part of a core/compulsory pairing please state the partner module below.

Programme title	Programme code	I	P	Cr	Cp	CrCp	O
Pathways: MSc Neuroscience	TMSC1PTNSC TMSC2PTNSC						O
MSc Neuroscience in Cognitive Neuroscience	Pathway/route code: TNCN						Cp

CRCP's partner Module code	Module title	Programme title	Programme code

**13. Prohibited combinations** (please list all the modules which cannot be taken in combination with the proposed module and to which programme this relates)

Module title	Module code	Programme
B Neuroscience research	7PAMNNB1	
B1 Psychiatric Genetics research	7PAMNNB1A	
B2 Addiction Biology research	7PAMNNB2	
B3 Developmental Neurobiology research	7PAMNNB3	
B4 Neurodegeneration research	7PAMNNB4	
B5 Neuroimaging research	7PAMNNB5	
B6 Functional Neuroimaging and Tractography research	7PAMNNB6	

**14. Pre-requisites** (please list all the modules for which the proposed module is a pre-requisite)

Module title	Module code
MSc Neuroscience in Cognitive Neuroscience pathway only: C7 Research project in Cognitive Neuroscience	7PAMNNC7

(and all the modules which are pre-requisite for the proposed module)	
Module title	Module code
A1 Fundamental Neuroscience A2 Fundamental Neuroscience A3 Fundamental Neuroscience	7PAMNNA1 7PAMNNA2 7PAMNNA3

**15. Contact time/directed study** (please indicate the **exact number of hours for each activity** to give an overall picture of the workload a student taking the module would be expected to undertake. The student should be made clear of what they can expect regarding contact time with staff, and the expectation that the programme has of its students as independent learners). Apart from placements and self-guided learning it is expected that the others are all taught sessions.

Lectures	Seminar/ tutorials	Field/lab/studio /supervised learning	Project work	Placements	Self-guided learning
25	10	10			250

**If any of the above is related to e-learning please give details below:**

For their private study, students will listen/watch recordings of their lectures, and will access lecture handouts/recommended reading, etc, in an e-learning environment.

#### 16. Assessment pattern - For King's students

Method	Number/ amount	Duration / length	Pass Mark (40 for level 4, 5 and 6; 50 for level 7)	Mandatory mark/ Qualifying mark	% of final grade of module	SI set up if different
Unseen written examinations	1	2.5 h	50%	No	50%	
Assessed coursework (please specify ie essay, project, seminar work, lab work)						
Practical examinations						
Clinical examinations						
Oral examinations						
Dissertation						

<b>16. Assessment pattern - For King's students</b>						
Other (please specify)	examination of a 250-300 word abstract written to accompany a published paper given to students without the abstract	2 h	50%	No	50%	
Other (where attendance/completion is a requirement in order to pass but does not contribute a mark to the final grade)						
For KIS purposes, please note where the assessment falls under the following 3 categories (see guidance notes for explanation of categories):	Written	Coursework		Practical		
Reassessment opportunity: please state the reassessment pattern, see regulation A3, 20.4 – 20.6						

<b>17. Assessment pattern - For Study Abroad students, if applicable</b>						
Method	Number/amount	Duration / length	Pass Mark (40 for level 4, 5 and 6; 50 for level 7)	Qualifying mark	% of final grade of module	SI set up if different
Unseen written examinations						
Assessed coursework (please specify ie essay, project, seminar work, lab work)						
Practical examinations						
Clinical examinations						
Oral examinations						
Dissertation						
Other (please specify)						

<b>17. Assessment pattern - For Study Abroad students, if applicable</b>						
<b>Method</b>	<b>Number/ amount</b>	<b>Duration / length</b>	<b>Pass Mark (40 for level 4, 5 and 6; 50 for level 7)</b>	<b>Qualifying mark</b>	<b>% of final grade of modul e</b>	<b>SI set up if different</b>
Other (where attendance/ completion is a requirement in order to pass but does not contribute a mark to the final grade)						
For KIS purposes, please note where the assessment falls under the following 3 categories (see guidance notes for explanation of categories):	Written		Coursework		Practical	
Reassessment opportunity: please state the reassessment pattern, see regulation A3, 20.4 – 20.6						

**18. Examples of key recommended text books**

Students have access to recordings of the previous years lectures to guide their reading

**19. Useful websites**

MSc Neuroscience website: <http://neuroscience.iop.kcl.ac.uk/msc>

MSc e-learning site:  
<http://moodle2.iop.kcl.ac.uk> (login required)

Department of Psychology website:  
<http://www.kcl.ac.uk/iop/depts/psychology/index.aspx>

**MODULE APPROVAL FORM  
SECTION 2 – SUPPLEMENTARY INFORMATION**

This section will not be relevant for all modules

**1. Module name**

B7 Cognitive Neuroscience research

**2. In cases where parts of all of the module are delivered either away from one of the College campuses and/or by a body or bodies external to the College please provide the following details**

Name and address of the off-campus location and/or external body    N/A

Percentage of the module delivered off-campus or by external body    N/A

Nature of the involvement of external body    N/A

Description of the learning resources available at the off-campus location    N/A

What mechanisms will be put in place to ensure the ongoing monitoring of the delivery of the module?    N/A

***Where students are undertaking placements/year abroad/year in employment please provide the guidance information presented to students undertaking this method of study***

**MODULE APPROVAL FORM  
SECTION 3 – ADMINISTRATIVE INFORMATION**

**1. Module name**

B7 Cognitive Neuroscience research

**2. Start date****Year**

Started in 2010

**Month**

February

**3. Numbers** (if applicable)

Maximum

20

Minimum

5

**4. Availability** (please indicate when the module is available and when the examination will take place – indicate if this is different for Study Abroad students)

**Period of study** (dd/mm/yy – dd/mm/yy)

	<b>From (dd/mm/yy)</b>	<b>To (dd/mm/yy)</b>
Sem 1		
Sem 2		
Term 1		
Term 2	Last week January	3 <sup>rd</sup> week February
Term 3		
Standard year		
Other		

*NB: If module is being delivered more than once during the academic year, note the **full set** of dates that the module is available*

**Examination period** (*Period 1 (January)/Period 2 (May)/Period 3 (Other)*)

<i>Period 1 (January)</i>	
<i>Period 2 (May)</i>	
<i>Period 3 (Other – please note the month)</i>	<i>March</i>

*NB: if module is being delivered more than once during the academic year, note which examination period relates to relevant period of study.*

**5. Superseded modules** (please list any modules that the proposed module supersedes and indicate whether such modules have ever been taught or examined)

Module title and code	Taught	Examined
This module is unchanged but the approval form is required to list changes to other modules that affect the pathways	√	√

**6. Contributing departments/divisions/Schools** (please give details if the module will not be taught exclusively within the proposing department) Please note that % of contribution must be a fixed percentage not in a range (e.g. cannot be 0 – 20%)

Contributing Department/Division/School	Nature of involvement	% contribution to teaching
1. Department of Psychology, IoP (host)	Each department will contribute to the student learning contacts (lectures, seminars, tutorials)	60%

Module approval 2012/13

2. Centre for Neuroimaging Sciences, 2. Department of Psychological Medicine, IoP		20% 20%
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**MODULE APPROVAL FORM  
SECTION 4 – THE APPROVAL PROCESS**

**1. Module name**

B7 Cognitive Neuroscience research

**2. Initial approval/consultation at the planning stage**

(a) Will the new module require new ISS stock or facilities/systems?

Yes

No

(b) Will the new module require any new resources (e.g. teaching space, staff, offices, additional support from central services?)

Yes

No

(c) If the new module contains student activities that involve human subjects, has the appropriate ethical approval been sought and granted

Yes

No

If Yes to (a) and/or (b) above, please attach details and signed approval from the relevant College officer

If Yes to (c) please attach confirmation of ethical approval, including the ethics approval number

**3. Approval by the School Education Committee**

Date module approved: .....

Signature of the Chair of the School Education Committee:..... Date: .....

(Electronic signatures are acceptable)

**4. Approval for modules jointly taught by more than one School**

Date module approved by the second School(s): .....

Signature of the Chair of the second School Education Committee(s):..... Date:.....

(Electronic signatures are acceptable)

**MODULE APPROVAL FORM  
SECTION 5 – MODULE SET UP ON SI (IN SCHOOL)**

**1. Module name**

B7 Cognitive Neuroscience research

**2. School approved to set Module up on SI**

Yes

No

*For Quality and Academic Support Section (QAS) purposes only:*

**3. Information recorded on form approved by QAS?**

Yes

No, sent back to School

If no, why was the form sent back to the School?

**4. If the module was picked as part of a sample and checked by Information Development and Analysis, was the information recorded on SI correct?**

Yes

No

If no, what information had been incorrectly inputted