

## Programme Regulations: 2025/26

**Degree of Bachelor of Science with Joint Honours in Psychology and Mathematics- UCAS Code C8G1\***

**Degree of Bachelor of Science with Joint Honours in Psychology and Mathematics with Placement Year - Code: 1137U\***

**Degree of Bachelor of Science with Joint Honours in Psychology and Mathematics with Professional Placement – Code: 1427U\***

**Degree of Bachelor of Science with Joint Honours in Psychology and Mathematics with International Study Year – Code: 1664U\***

\* These programmes are withdrawn for 25/26 entry and are only available to existing students completing their programme.

### Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years, and they are listed subject to availability.*
- (iii) *Unless otherwise stated under 'Type', modules are not core.*
- (iv) *A compulsory module is a module which a student is required to study.*
- (v) *A core module is a module which a student must pass, and in which a fail mark may not be compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (vi) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

## 1. Stage 1

See 2024/25 programme regulations for Stage 1 structure.

## 2. Stage 2

(a) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type
PSY2001	Developmental Psychology	10	10		6	Core
PSY2003	Social Psychology	10	10		6	Core
MSP2801	Vector Calculus	10	10		5	
MAS2901	Statistical Inference	10	10		5	
MAS2910	Regression	10		10	5	
PSY2004	Individual Differences	10		10	6	Core
PSY2007	Biological Psychology: Sex, Drugs, Rhythms and Blues	10		10	6	Core
PSY2024	Research Methods in Psychology 2b	10	10		6	Core
PSY2025	Research Methods in Psychology 2c	10		10	6	Core

- (b) Candidates studying the *Applied Mathematics pathway* shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MSP2802	Differential Equations, Transforms and Waves	10	10		5		
MAS2806	Numerical Methods with Python	10		10	5		
MSP2803	Fluid Dynamics I	10		10	5		

- (c) Candidates studying the *Statistics pathway* shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MAS2907	Stochastic Processes	10		10	5		
MAS2908	Data Visualisation	10		10	5		
MAS2909	Probability	10	10		5		

### 3. Year 3 (Placement Year)

- (a) On completion of Stage 2 and before entering Stage 3, candidates may have the opportunity to spend a year in a Professional Placement or Careers Placement with an approved organisation. Permission to undertake either placement is subject to approval by the Degree Programme Director. Candidates who are required to re-sit their Stage 2 assessment must delay the start of their placement until they have done so. Candidates who fail Stage 2 may not complete a placement year.
- (b) On successful completion of the placement year, candidates will return to complete the relevant Stage 3 modules as the final year of their degree. Candidates who fail the placement will transfer to Stage 3 of the BSc with Joint Honours in Psychology and Mathematics.

#### Professional Placement – 1427U

- (c) All Professional Placement candidates shall take the following compulsory module:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
PSY3000	Psychology Professional Placement Year	120	60	60	6		

- (d) In order to pass PSY3000 candidates must achieve a pass in each of the three components of assessment: a Poster, a Reflective Log, and Supervisor Reports. If the Poster or Reflective Log is failed, it will have to be retaken, and a pass mark obtained. However, no resit can be offered for the Supervisor Reports. Thus, if the Supervisor Reports are failed, this will constitute a fail for the entire module.

#### Careers Placement – 1137U

- (e) All Careers Placement candidates shall take the following compulsory module:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
NCL3000	Career Service Placement Year Module	120	60	60	6		

#### International Study Year – Code: 1664U

- (f) On completion of Stage 2 and before entering Stage 3, candidates may spend the equivalent of one academic year abroad at an appropriate exchange partner institution. Permission to undertake a year abroad is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 2 assessment must delay the start of their year abroad until they have done so. Students who fail Stage 2 may not complete a year abroad.
- (g) All International Study Year candidates shall take the following compulsory module:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
ISY3000	International Study Year Module	120	60	60	6		

- (h) If a pass mark is obtained, in addition to a student meeting the criteria for the BSc with Joint Honours in Psychology and Mathematics, then the degree of BSc with Joint Honours in Psychology and Mathematics with International Study Year will be awarded. Failure to pass the International Study Year will result in the candidate being transferred to the BSc with Joint Honours in Psychology and Mathematics

#### 4. Stage 3

- (a) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
PSY3029	Psychological Enquiry 3 – Psychological Literacy and Professional Skills	10	5	5	6		
PSY3097	Empirical Project	30	15	15	6		

- (b) Candidates studying the *Applied Mathematics Pathway* shall take the following compulsory modules:

Code	Descriptive Title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MSP3801	Methods for Differential Equations	10	10		6		
MSP2815	Mathematical Biology	10		10	6		

- (c) Candidates studying the *Statistics Pathway* shall take the following compulsory modules:

Code	Descriptive Title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MAS3923	Time series	10		10	6		
MAS3928	Statistical Modelling	10	10		6		

(d) All candidates shall take 20 credits of optional Psychology modules from the following list:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
PSY3006	Consumer Psychology	20		20	6		
PSY3058	Art, Mind and Brain	20	20		6		
PSY3031	The Psychology of Teaching and Learning	20	20		6		
PSY3039	Clinical Sport and Exercise Psychology	20	20		6		
PSY3059	Shared Minds: Cultural, collaboration and creativity in humans and other animals	20	20		6		
PSY3055	Advanced Statistics for Empirical Psychology	20	20		6		
PSY3049	Evolution of Brain and Behaviour	20	20		6		
PSY3056	The Damaged Brain: Case Studies in Neuropsychology	20		20	6		
PSY3026	Psychology of Religion and Spirituality	20		20	6		
PSY3050	Making Sense of Forgotten Senses: Investigating Olfaction & Gustation	20		20	6		
PSY3054	Neurodiversity of Development	20		20	6		
PSY3057	Decision Making and Cooperation: Understanding Our Choices	20		20	6		

(e) Candidates studying the *Applied Mathematics pathway* shall take 40 credits of optional modules from Section A:

#### Section A (Applied Mathematics Pathway)

Code	Descriptive Title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MSP3803	Fluid Dynamics II	10	10		6		
MSP3804	Relativity and Fundamental Particles	10	10		6		
MSP3808	Hydrodynamic and Climate Instabilities	10	10		6		
MSP3809	Variational Methods and Lagrangian Dynamics	10		10	6		
MSP2020	Principles of Quantum Mechanics	10		10	5		

(f) Candidates studying the *Statistics Pathway* shall take 40 credits of optional modules from Section B:

## Section B (Statistics Pathway)

Code	Descriptive Title	Total Credits	Credits Sem 1	Credits Sem 2	Level	Type	Mode
MAS3904	Stochastic Financial Modelling	10		10	6		
MAS3908	Experimental Design	10		10	6		
MAS3919	Foundations of Machine Learning	10		10	6		
MAS3921	Extreme Value Theory	10		10	6		
MAS3924	Survival Analysis	10		10	6		
MAS3925	Statistical Genetics	10		10	6		
MAS3927	Mathematical Statistics	10	10		6		
MAS3929	Bayesian Statistics and Decision Theory	10	10		6		

Optional modules must be approved by the Degree Programme Director and credit for each semester must not exceed the University requirements, ie: no less than 50 and no more than 70 credits per semester. 60 credits of Psychology modules are required for eligibility to BPS accreditation.

Note:

Optional modules will not necessarily be available in all combinations.

### 5. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

### 6. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3; the weighting of the stages being 1:2. The Professional and Careers Placement years, as well as the International Study Year, do not formally contribute to the degree classification. However, candidates on these awards must pass their placement year/international study year to graduate with the degree title BSc with Joint Honours in Psychology and Mathematics with Professional Placement or BSc with Joint Honours in Psychology and Mathematics with Placement Year or BSc with Joint Honours in Psychology and Mathematics with International Study Year.

### 7. Exemptions to the University's Taught Programme Regulations

The BSc with Joint Honours in Psychology and Mathematics with Professional Placement has a University exemption from the University's Taught Programme Regulations in relation to the offer of a resit opportunity for the Supervisor Report, which forms part of the assessment regime of PSY3000 – see Section 3(d). In the event of any inconsistency between the programme and University regulations in relation to the above section, the programme regulations take precedence over the University regulations.