# KentVision Code and title of the module

PSYC5000 Psychology Statistics and Practical

# Division and School/Department or partner institution responsible for the module

Division of Human and Social Sciences, School of Psychology

# The level of the module

Level 6

# The number of credits and the ECTS value which the module represents

30 credits (15 ECTS)

# Which term(s) the module is to be taught in (or other teaching pattern)

Autumn and Spring

# Delivery of the module

* 1. **Mode of study**

In person

* 1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

# Prerequisite and co-requisite modules and/or any module restrictions

None

# The course(s) of study to which the module contributes

* 1. **The module is compulsory for the following courses**

BSc in Psychology

BSc in Psychology with a Placement Year

BSc in Psychology with Clinical Psychology

BSc in Psychology with Clinical Psychology and a Placement Year

BSc in Psychology with Forensic Psychology

BSc in Psychology with Business Psychology

BSc in Psychology with Business Psychology with a Placement Year

BSc in Psychology with a Year Abroad

* 1. **The module is optional for the following courses**

None

# A synopsis of the curriculum

The broad aims of the module are: (a) to provide a continued training in methodological skills appropriate to psychological investigation; (b) to provide advanced training in statistical techniques of the analysis of psychological data; (c) to provide training in computing skills for conducting analysis of psychological data; and (d) to provide direct experience of some of the phenomena encountered in other Stage 2/3 psychology modules.

The practical component of the module consists of a structured course of laboratory classes and non-laboratory sessions during which students work in small supervised groups designing and carrying out four research projects related to themes encountered in the department’s other Stage 2/3 modules. A course of statistics lectures and computing workshops is closely linked to the practical classes. Computer–based statistical analysis is illustrated using R/RStudio, a open source statistical package.

# Contact Hours

Private Study: 234

Contact Hours: 66

Total: 300

# Learning and teaching methods

This module will be delivered via lectures, computing workshops and practicals.

# The intended subject specific learning outcomes

On successfully completing the module students will be able to:

12.1 Demonstrate the ability to communicate statistical concepts

12.2 Demonstrate understanding of statistical scientific conventions

12.3 Show competence in using a statistical computing package (R/RStudio)

12.4 Understand the process of formulating hypotheses on the basis of previous research

12.5 Formulate designs appropriate to the questions being asked

12.6 As part of a group, plan and run appropriate psychological research

12.7 Acquire good listening skills; show an ability to work with others; respond to other people’s viewpoints

12.8 Demonstrate the ability to communicate critically.

# The intended generic learning outcomes

On successfully completing the module students will be able to:

13.1 Develop and demonstrate intellectual skills (including critical reflection and evaluation, reading and writing skills, time management, self-reflection and clarity in thinking)

13.2 Develop and demonstrate transferable skills including numeracy, information technology, working with others, communication, problem solving and improving through learning.

# Assessment Strategy

* 1. **Main assessment methods**
* Practical Report (3,000 words)  (20%)
* Practical Report (2,000 words) (20%)
* Autumn Computing In Class Test (15%)
* Autumn Statistics In Class Test (15%)
* Spring Computing In Class Test (15%)
* Spring Statistics In Class Test (15%)

**Students must pass at least one of the practical components to meet the learning objectives of the module.**

* 1. **How the assessment methods outlined above fit with the course assessment strategy?**

The assessment methods provide a range of transferable skills that will allow students to succeed in future study or employment. They support the aims of the course(s), and are appropriate for helping students develop their independent research skills.

* 1. **Reassessment methods**

100% Examination

# Mapping of Learning Outcomes

Map of module learning outcomes (sections 12 & 13) to learning and teaching methods (section 11) and methods of assessment (section 14).

* 1. **Module learning outcomes against learning and teaching methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 13.1 | 13.2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Private Study** | x | x | x | x | x |  |  | x | x | x |
| **Lectures** | x | x | x | x | x |  |  | x | x | x |
| **Practicals** | x | x | x | x | x | x | x | x | x | x |

* 1. **Module learning outcomes against assessment methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 13.1 | 13.2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Autumn Computing In Class Test** | x | x | x | x | x |  |  | x | x | x |
| **Autumn Statistics In Class Test** | x | x | x | x | x |  |  | x | x | x |
| **Spring Computing In Class test** | x | x | x | x | x |  |  | x | x | x |
| **Spring Statistics In Class Test** | x | x | x | x | x |  |  | x | x | x |
| **Practical Report (3000 words)** | x | x | x | x | x | x | x | x | x | x |
| **Practical Report (2000 words)** | x | x | x | x | x | x | x | x | x | x |

# Reading list

The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

# Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

**MODULE RECORD**

**All revisions for this module are recorded in the table below for student and staff information.**

| **Date approved** | **New/ Material/ Major/ Minor revision** | **Start date of delivery of this version** | **Applies to new cohorts and/ or existing students** | **Sections revised (if applicable)** |
| --- | --- | --- | --- | --- |
| 28.02.20 | Minor | September 2020 | n/a | 13 |
| 17.03.21 | Minor | September 2020 | n/a | 13 |
| 24.06.22 | Minor | September 2022 | n/a | 13, 14 |
| 21.08.23 | Major | September 23 | Existing | 14.1 (making PC components explicit) |