1. **Kent Vision Code and Title of the module**

PSYC5000 Psychology Statistics and Practical

1. **School and Division which will be responsible for management of the module**

School of Psychology, Division of Human and Social Sciences

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 6

1. **The number of credits and the ECTS value which the module represents**

30 Credits (15 ECTS)

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

Autumn and Spring

1. **Prerequisite and co-requisite modules and/or any module restrictions**

None

1. **The courses of study to which the module contributes**

Compulsory to :

* BSc in Psychology with a Placement Year
* BSc in Psychology with Clinical Psychology and a Placement Year
* BSc in Psychology
* BSc in Psychology with Clinical Psychology
* BSc in Psychology with Forensic Psychology
* BSc in Psychology with Business Psychology
* BSc in Psychology with a year abroad
* BSc in Social Psychology
* BSc in Psychology and Social Anthropology

Not available as an elective module. Not available to short-term credit students.

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
   1. demonstrate the ability to communicate statistical concepts
   2. demonstrate understanding of statistical scientific conventions
   3. show competence in using a statistical computing package (R)
   4. understand the process of formulating hypotheses on the basis of previous research
   5. formulate designs appropriate to the questions being asked
   6. as part of a group, plan and run appropriate psychological research
   7. acquire good listening skills; show an ability to work with others; respond to other people’s viewpoints
   8. demonstrate the ability to communicate critically
2. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
   1. develop and demonstrate intellectual skills (including critical reflection and evaluation, reading and writing skills, time management, self reflection and clarity in thinking);
   2. develop and demonstrate transferable skills including numeracy, information technology, working with others, communication, problem solving and improving through learning.
3. **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, a general-purpose statistical package

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

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).

1. **Learning and teaching methods**

Total contact hours: 66

Private study hours: 234

Total study hours: 300

1. **Assessment methods**
   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%)

* 1. Reassessment methods

This module is reassessed by 100% Examination.

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 9.1 | 9.2 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |
| 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** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |
| 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** |

1. **Inclusive module design**

The School 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

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

Canterbury

1. **Internationalisation**

A variety of research examples are used to illustrate how statistical concepts have been used and are currently being used in Psychology. The examples come from research conducted by international researchers from laboratories around the world.

**DIVISIONAL USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 28/02/20 | Minor | September 2020 | 13 | No |
| 17.03.21 | Minor | September 2020 | 13 | No |
| 24.06.22 | Minor | September 2022 | 13, 14 | No |