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Refer to guidance notes for completion of each section of the specification.

Module Code:	PSY418

Module Title:	Introduction to quantitative data analysis and reporting skills for psychology

Level:	4	Credit Value:	10

Cost Centre(s):	GAPS	JACS3 code: HECoS code:	PSY

Faculty	Social and Life Sciences	Module Leader:	Dr Shubha Sreenivas

Scheduled learning and teaching hours	18 hrs
Guided independent study	82 hrs
Module duration (total hours)	100 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
Standalone module aligned to BSc (Hons) Psychology for QA and assessment purposes	☐	✓

Pre-requisites
None

Office use only
Initial approval: 25/03/2020
With effect from: 01/05/2020
Date and details of revision:

Version no: 1

Version no:

Module Aims
Aim of this module is to familiarise students with data analysis tools such as SPSS or Jamovi, to understand data, analyse data, and report the results. This brief introduction to using data analysis tools is aimed to familiarise students in using these tools to work with any data set and set them up for further self-learning.

Module Learning Outcomes - at the end of this module, students will be able to	
1	Familiarise with using data analysis tools such as SPSS or Jamovi, and aware of using APA manual to report their results as required.
2	Demonstrate an understanding of the link between research question, research design, and data analysis.

Employability Skills The Wrexham Glyndŵr Graduate	I = included in module content A = included in module assessment N/A = not applicable
Guidance: complete the matrix to indicate which of the following are included in the module content and/or assessment in alignment with the matrix provided in the programme specification.	
CORE ATTRIBUTES	
Engaged	I
Creative	A
Enterprising	I
Ethical	I
KEY ATTITUDES	
Commitment	I
Curiosity	A
Resilient	I
Confidence	A
Adaptability	A
PRACTICAL SKILLSETS	
Digital fluency	A
Organisation	A
Leadership and team working	I
Critical thinking	A
Emotional intelligence	I
Communication	A

Derogations
None

Assessment:

Indicative Assessment Tasks:
Guidance: please ensure you add indicative word count and durations within the narrative body of this section

A portfolio of assessment to assess the following.
1)   Awareness of different research designs and analysis
2)   Awareness of using analysis tools such as SPSS or Jamovi for different analysis
Word count: 2000

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2	Portfolio	100

Learning and Teaching Strategies:

A variety of teaching and learning strategies will be adopted. The contact time will mainly focus on group learning including lectures, workshops and group work. Tutorials and self-directed learning will also be employed with online support via Moodle.

Syllabus outline:

Students will be introduced to essential quantitative data analysis and reporting skills for psychology, including awareness of different research designs and analysis, and use of analysis tools such as SPSS or Jamovi for different analyses.

Indicative Bibliography:
Essential reading

Andy Field. (2018) Discovering Statistics Using IMB SPSS Statistics, 5th Ed. London, UK: Sage Publications Ltd.

Other indicative reading
Further reading will be provided by the module tutor depending on the group's requirement.