



QUALIFI

SUCCESS THROUGH LEARNING
RECOGNISED WORLDWIDE

Level 4 Diploma in Psychology

Specification (For Centres)

February 2023

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Contents

Introduction	3
Why Choose QUALIFI Qualifications?	3
Employer Support for the Qualification Development	3
Qualification Titles and Accreditation Number	4
Qualification Aims and Learning Outcomes.....	4
Aims of the Diploma	4
Learning Outcomes of the Diploma	4
Delivering the Qualification	5
External Quality Assurance Arrangements	5
Learner Induction and Registration	5
Entry Criteria	5
Recognition of Prior Learning	6
Data Protection.....	6
Learner Voice	7
Professional Development and Training for Centres	7
Progression and Links to other QUALIFI Programmes	7
Qualification Structure and Requirements	7
Units, Credits and Total Qualification Time (TQT)	7
Rules of Combination for QUALIFI Level 4 Diploma in Psychology	8
QUALIFI Level 4 Diploma in Psychology	8
Achievement Requirements	8
Awarding Classification/Grading.....	9
Assessment Strategy and Methods.....	9
Appendices	11
Appendix 1: Unit Descriptors	11
Unit PSYCH401: The Scope of Psychology.....	11
Unit PSYCH402: Social and Developmental Psychology.....	14
Unit PSYCH403: Biopsychology	17
Unit PSYCH404: The Development of Psychological Attachments	19
Unit PSYCH405: Processes of Human Memory.....	22
Unit PSYCH406: Research Methods and Investigating Psychology.....	24
Contact Details.....	27

Introduction

Why Choose QUALIFI Qualifications?

QUALIFI qualifications look to provide a realistic and broad opportunity for learners seeking career and professional development. They will support learners in realising their potential and provide clear objectives.

These objectives are to:

- provide career path support to learners who wish to develop their skills, capabilities and opportunities in their chosen sector;
- improve learner understanding of any given environment and organisations and how they are managed and developed;
- develop skills and abilities in learners to support their professional development.

Our qualifications provide a rich mix of disciplines and skills development opportunities. Learners will gain insight into the functioning, objectives and processes of organisations, appreciating their diversity and the influences and impact of external forces on them. The fast-changing and complex business environment and different organisational ability to stay resilient and respond positively to change and opportunities will be explored.

Our qualifications will develop learners' ability to:

- analyse how key concepts in psychology relate to current and contemporary issues in modern society;
- analyse how key concepts in psychology relate to current and contemporary issues in modern society;
- identify the ethical issues surrounding research with human participants and non-human participants;
- analyse the ethical issues encountered in the psychological studies by Milgram and Zimbardo develop and encourage problem-solving and creativity to tackle problems and challenges.

Employer Support for the Qualification Development

The development of this qualification has been initiated and guided by discussions and idea-sharing with a range of employers, providers and existing centres demonstrating the rigour, validity and demand for the qualification.

Discussions and feedback have been taken throughout the development of the qualification on content, the potential learner audience for the qualification and assessment methods, ensuring that a valuable experience and a recognised set of skills, knowledge and understanding is realised.

Qualification Titles and Accreditation Number

This qualification has been accredited to the Regulated Qualification Framework (RQF) and has its own unique Qualification Accreditation Number (QAN). This number will appear on the learner's final certification document. Each unit within the qualification has its own RQF code. The QAN for this qualification is as follows:

QUALIFI Level 4 Diploma in Psychology 610/2149/0

Qualification Aims and Learning Outcomes

Aims of the Diploma

The aim of the Level 4 Diploma in Psychology qualification is to provide learners with a specialist programme of study that provides a depth of knowledge and understanding of key aspects within the field of Psychology. Learners will be introduced to historical and contemporary approaches to psychology, including biopsychology, social and developmental psychology, attachment theories, human memory processes and contemporary research and investigation methods.

Successful completion of the QUALIFI Level 4 Diploma in Psychology provides learners with the opportunity to progress to further study or employment.

Learning Outcomes of the Diploma

The overall learning outcomes of the Diploma are for learners to:

1. Understand the key methodological issues and theorising in social psychology.
2. Understand the main theoretical views in cognition and development.
3. Understand the structure and function of the nervous system and the system's location in the brain.
4. Understand learning theory of attachment.

The learning outcomes and assessment criteria for each unit are outlined in the unit specifications.

Delivering the Qualification

External Quality Assurance Arrangements

All centres are required to complete an approval process to be recognised as an approved centre. Centres must have the ability to support learners. Centres must commit to working with QUALIFI and its team of External Quality Assurers (EQAs). Approved Centres are required to have in place qualified and experienced tutors, all tutors are required to undertake regular continued professional development (CPD).

Approved centres will be monitored by QUALIFI External Quality Assurers (EQAs) to ensure compliance with QUALIFI requirements and to ensure that learners are provided with appropriate learning opportunities, guidance, and formative assessment.

QUALIFI's guidance relating to invigilation, preventing plagiarism and collusion will apply to centres. QUALIFI, unless otherwise agreed:

- sets all assessments.
- moderates' assessments prior to certification;
- awards the final mark and issues certificates.

Learner Induction and Registration

Approved centres should ensure all that learners receive a full induction to their study programme and the requirements of the qualification and its assessment.

All learners should expect to be issued with the course handbook and a timetable and meet their personal tutor and fellow learners. Centres should assess learners carefully to ensure that they are able to meet the requirements qualification and that, if applicable, appropriate pathways or optional units are selected to meet learners' progression requirements.

Centres should check the qualification structures and unit combinations carefully when advising learners. Centres will need to ensure that learners have access to a full range of information, advice and guidance to support them in making the necessary qualification and unit choices. During recruitment, approved centres need to provide learners with accurate information on the title and focus of the qualification for which they are studying.

All learners must be registered with QUALIFI within the deadlines outlined in the QUALIFI Registration, Results and Certification Policy and Procedure.

Entry Criteria

Approved Centres are responsible for reviewing and making decisions as to the applicant's ability to complete the learning programme successfully and meet the demands of the qualification. The initial assessment by the centre will need to consider the support that is readily available or can be made available to meet individual learner needs as appropriate.

The qualification has been designed to be accessible without artificial barriers that restrict access. For this qualification, applicants must be aged 18 or over.

In the case of applicants whose first language is not English, then IELTS 6 (or equivalent) is required. International qualifications will be checked for appropriate enrolment to UK higher education postgraduate programmes where applicable. The applicants are normally required to produce two supporting references, at least one of which should preferably be academic.

In certain circumstances, applicants with considerable experience but no formal qualifications may be considered, subject to interview and being able to demonstrate their ability to cope with the demands of the qualification.

In the case of applicants whose first language is not English, then IELTS 6 (or equivalent) is required. International qualifications will be checked for appropriate matriculation to UK higher education postgraduate programmes. The applicants are normally required to produce two supporting references, at least one of which should preferably be academic.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) is a method of assessment (leading to the award of credit) that considers whether learners can demonstrate that they can meet the assessment requirements for a unit through knowledge, understanding or skills they already possess and so do not need to develop through a course of learning.

QUALIFI encourages centres to recognise learners' previous achievements and experiences whether at work, home or at leisure, as well as in the classroom. RPL provides a route for the recognition of the achievements resulting from continuous learning. RPL enables recognition of achievement from a range of activities using any valid assessment methodology. Provided that the assessment requirements of a given unit or qualification have been met, the use of RPL is acceptable for accrediting a unit, units, or a whole qualification.

Evidence of learning must be valid and reliable. For full guidance on RPL please refer to QUALIFI's *Recognition of Prior Learning Policy*.

Data Protection

All personal information obtained from learners and other sources in connection with studies will be held securely and will be used during the course and after they leave the course for a variety of purposes and may be made available to our regulators. These should be all explained during the enrolment process at the commencement of learner studies. If learners or centres would like a more detailed explanation of the partner and QUALIFI policies on the use and disclosure of personal information, please contact QUALIFI via email support@QUALIFI-international.com

Learner Voice

Learners can play an important part in improving the quality through the feedback they give. In addition to the on-going discussion with the course team throughout the year, centres will have a range of mechanisms for learners to feed back about their experience of teaching and learning.

Professional Development and Training for Centres

QUALIFI supports its approved centres with training related to our qualifications. This support is available through a choice of training options offered through publications or through customised training at your centre.

The support we offer focuses on a range of issues including:

- planning for the delivery of a new programme.
- planning for assessment and grading.
- developing effective assignments.
- building your team and teamwork skills.
- developing learner-centred learning and teaching approaches.
- building in effective and efficient quality assurance systems.

Please contact us for further information.

Progression and Links to other QUALIFI Programmes

Completing the **QUALIFI Level 4 Diploma in Psychology** will enable learners to progress to:

- QUALIFI Level 5 Diploma in Psychology.
- Employment in an associated profession.

Qualification Structure and Requirements

Units, Credits and Total Qualification Time (TQT)

The QUALIFI Level 4 Diploma in Psychology is made up of 120 credits which equates to 1200 hrs of TQT.

Total Qualification Time (TQT) is an estimate of the total amount of time that could reasonably be expected to be required for a learner to achieve and demonstrate the achievement of the level of attainment necessary for the award of a qualification.

Examples of activities that can contribute to Total Qualification Time includes: guided learning, independent and unsupervised research/learning, unsupervised compilation of a portfolio of work experience, unsupervised e-learning, unsupervised e-assessment, unsupervised coursework, watching a prerecorded podcast or webinar, unsupervised work-based learning.

Guided Learning Hours (GLH) are defined as the time when a tutor is present to give specific guidance towards the learning aim being studied on a programme. This definition includes lectures, tutorials and supervised study in, for example, open learning centres and learning workshops, live webinars, telephone tutorials or other forms of e-learning supervised by a tutor in real time. Guided learning includes any supervised assessment activity; this includes invigilated examination and observed assessment and observed work-based practice.

Rules of Combination for QUALIFI Level 4 Diploma in Psychology

QUALIFI Level 4 Diploma in Psychology

All Units are mandatory.

Unit Reference	Mandatory Units	Level	Credit	GLH	TQT
K/650/5556	The Scope of Psychology	4	20	100	200
L/650/5557	Social And Developmental Psychology	4	20	100	200
M/650/5558	Biopsychology	4	20	100	200
R/650/5559	The Development of Psychological Attachments	4	20	100	200
A/650/5560	Processes Of Human Memory	4	20	100	200
D/650/5561	Research Methods and Investigating Psychology	4	20	100	200
Totals			120	600	1200

Achievement Requirements

Learners must demonstrate they have met all learning outcomes and assessment criteria for all the required units to achieve this qualification. QUALIFI will issue certificates to all successful learners via their registered centres.

Awarding Classification/Grading

This qualification grading is **Pass/Fail**.

All units will be internally assessed through written assignment, internally marked by the QUALIFI approved centre and subject to external quality assurance by QUALIFI.

Assessment Strategy and Methods

QUALIFI will provide learners assessments for each unit of this qualification. These tasks will address all learning outcomes and related assessment criteria, all of which must be demonstrated/passed in order to achieve the qualification. To achieve a 'pass' for each of the units, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

The assessment tasks will require learners to draw on real organisational information or case studies to illustrate their answers. To support this activity during the programme of learning, centres are required to make sure that they include case studies of relevant organisations and, wherever possible, encourage learners to draw on work-place opportunities to undertake research and investigation to support their learning.

Learner assessments will be internally marked by the approved centre and will be subject to external moderation by QUALIFI prior to certification.

Qualifi will provide a combination of assessment that covers the learning outcomes and assessment criteria. These may be:

1: Formative Assessment

Formative assessment is an integral part of the assessment process, involving both the tutor/assessor and the learner about their progress during the course of study. Formative assessment takes place prior to summative assessment and focuses on helping learners to reflect on their learning and improve their performance and does not confirm achievement of grades at this stage.

The main function of formative assessment is to provide feedback to enable learners to make improvements to their work. This feedback should be prompt so that it has meaning and context for learners and time must be given following the feedback for actions to be complete. Feedback on formative assessment must be constructive and provide clear guidance and actions for improvement. All records should be available for auditing purposes as we may choose to check records of formative assessment as part of our on-going quality assurance. Formative assessments will not contribute to the overall mark of the units.

2: Summative Assessment

Summative assessment is used to evaluate learner competence and progression at the end of a unit or component. Summative assessment should take place when the assessor deems that the learner is at a stage where competence can be demonstrated.

Learners should be made aware that summative assessment outcomes are subject to confirmation by the Internal Verifier and External Quality Assurer (EQA) and thus is provisional and can be overridden. Assessors should annotate on the learner work where the evidence supports their decisions against the assessment criteria. Learners will need to be familiar with the assessment and grading criteria so that they can understand the quality of what is required.

Formative Assessment	Summative Assessment
used during the learning process	used at the end of the learning process
provides feedback on learning-in-process	evaluates achievement against learning outcomes and assessment criteria
dialogue-based, ungraded	graded pass / refer

Evidence of both formative and summative assessment **MUST** be made available at the time of external quality assurance – EQA.

Appendices

Appendix 1: Unit Descriptors

Unit PSYCH401: The Scope of Psychology

Unit code: K/650/5556

RQF level: 4

Unit Aim

The aim of this unit is to provide learners with a basic understanding of the history of psychology and applications in applied psychology. Learners will also discuss the theoretical distinctions on how psychologists form assumptions about which elements of a person should be studied. Despite the fact that the various techniques have distinct theories, they all share key concepts and assumptions. We address the origins of science and what it means to be a scientist, as well as the scientific study of human behaviour.

Learning Outcomes and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand the scope of psychology.	1.1 Define the word 'psychology' 1.2 Analyse the emergence of psychology as a discipline. 1.3 Analyse the theoretical approaches or orientations within psychology. 1.4 Analyse the way in which concepts in psychology relate to current and contemporary issues in modern society.
2. Understand the theoretical approaches to psychology and their implications.	2.1 Explain the principles and assumptions of theoretical approaches to psychology. 2.2 Assess the way in which principles and assumptions underpin theoretical approaches to psychology. 2.3 Assess the appropriateness of using scientific methods to study human behaviour and cognitive processes 2.4 Evaluate the ethical issues concerning research with human participants and non-human participants.

3. Understand psychology as a science.	3.1 Assess how appropriate it is to use the scientific method to study human behaviour and cognitive processes.
4. Understand ethical issues in psychology.	4.1 Identify the ethical issues surrounding research with human participants and non-human participants. 4.2 Analyse the ethical issues surrounding research with human participants and non-human participants.

Indicative Content

LO1:

- The origins of Psychology; William Wundt (1832- 1920)
- Classifying the work of psychologists; the process approach; Physiological or Biopsychology; cognitive psychology; comparative psychology.
- The Person approach; Social psychology; Developmental psychology and individual differences.
- Areas of applied psychology; clinical psychology;counselling psychology; educational psychology;occupational (work or organisational psychology); Health psychology and Chartered Psychologists

LO2:

- Biopsychological approach; basic principles and assumptions
- Behaviourist approach; Watson (1913); Skinner(1987) Pavlov. Theoretical contributions explanations of behaviour in conditioning terms and practical contributions; Behaviour therapy; behaviour pharmacology; Biofeedback.
- The Psychodynamic approach; Freud; Erikson; (1902-1994) Jung (1875-1961); Adler (1870-1937) basic principles and assumptions; behaviour is determined by unconscious thoughts. Theoretical contributions: theories on motivation, dreams, attachment, gender development; abnormality; personality. Practical contributions; psychotherapy; behaviour therapies; Freudian terminology
- The Humanistic Approach; basic principles and assumptions; Abraham Maslow (1908-1970) Carl Rogers (1951) Theoretical contributions; Maslow's Hierarchy of Needs Practical contributions: psychotherapy; client centred therapy; Person centered therapy; counselling
- The Cognitive Approach; basic principles and assumptions; Theoretical Contributions; social learning theory (Bandura); information processing approach; the term social cognition; attitudes; and attitude change (including prejudice) and areas of social psychology.
- Practical Contributions; REBT (Ellis 1987) cognitive behavioural therapies; research into working memory
- The Social Constructionist Approach; basic principles and assumptions Gergen (1973) and Burr (2003); social representations Serge Moscovici (1925-2014)
- The Evolutionary Approach; basic principles and assumptions (Wilson 1975); Buss (1995) Theoretical contributions: adaptive responses to threatening stimuli; chronic stress explanations; parental investment; Dawkins (1976) selfish gene theory.

LO3:

- Philosophical dualism 17th Century (Descartes); Empiricism (17th and 18th Century) Locke, Hume, Berkeley, and psychology. Wundt's contributions (1874) and Experimental psychology.
- William James's contribution (1842-1910)
- Watson's Behaviourist revolution (1878-1958)
- The Cognitive revolution (1956)- information processing approach Miller (1920-2012).
- The major features of science; the scientific method; Kuhn's stages in the development of science
- The problem of objectivity
- The psychological experiment as a social situation; experimenter bias; demand characteristics the problem of representativeness. The problem of artificiality; the problem of internal versus external validity

LO4:

- Major professional bodies for Psychologists; The British Psychological Society (BPS) and the American Psychological Society (APA)
- Research with human participants; consent; deception; debriefing; protection of participants
- Milgram's obedience experiment (1974) and Zimbardo's (1973) Prison simulation experiment
- The ethics of socially sensitive research (SSR) (Stanley and Sieber (1988))
- Research with non-human (animal) subjects (BPS 2007); safeguards for animal subjects
- Ethics faced by Psychologists attempting to change other people's behaviour
- Therapists as value-neutral and non-directive
- Power imbalances

Suggested Resources

Henneman, R.H. (1973). The nature and scope of psychology. Dubuque, Iowa: W.C. Brown.

James, W. (2010). The principles of psychology. Volume 1. S.L.] Digireads.com.

Kratochwill, T.R. (1986). Aim and scope of Professional School Psychology. Professional School Psychology, 1(1), pp.1-7.

Kratochwill, T.R. (1989). School Psychology Quarterly: Aim and scope. Professional School Psychology, 4(4), pp.231-232.

Unit PSYCH402: Social and Developmental Psychology

Unit code: L/650/5557

RQF level: 4

Unit Aim

The aim of this unit is to provide learners with knowledge and comprehension of how theory, research and application interact in social and developmental psychology. The unit focuses on social psychology's key theories and research as well as its applications. The unit considers theories and studies underpinning developmental psychology. The majority of developmental psychology theories explain development as a continuum through life phases.

Learning Outcomes, and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand methodological issues and theorising in social psychology.	1.1 Analyse the main phenomena, methods and theorising in social psychology. 1.2 Analyse the ethical issues encountered in the psychological studies by Milgram and Zimbardo.
2. Understand theoretical views in cognition and development.	2.1 Analyse phenomena, methods and theorising in developmental psychology. 2.2 Assess the features of family and community influences on child development. 2.3 Analyse theories of gender development
3. Understand theories of gender development.	3.1 Identify theories of gender development. 3.2 Analyse theories of gender development.
4. Understand adolescence as being a time of physiological and behavioural changes.	4.1 Analyse the social meaning of biological changes during adolescence. 4.2 Assess the psychological meaning of biological changes during adolescence. 4.3 Evaluate research into relationships with parents and /or peers in adolescence.

Indicative Content

LO1:

- Types of conformity and explanations of conformity
- Key study Asch (1956)
- Variables affecting conformity
- Conformity to social roles
- Key Study (the Stanford Prison experiment-Zimbardo)
- Research on obedience Key study Milgram (1963): Milgram's research and ethical issues and moral responsibility
- Methodological issues -Milgram's research
- Situational factors in obedience (e.g.: proximity; location and uniform)
- Explanations for obedience (agentic state; legitimacy of authority).
- The Authoritarian Personality Key study Elms and Milgram (1966)
- Resistance to social influence; social support; locus of control
- Study: Hofling et al (1966) Obedience in Hospitals
- Minority influence and behavioural style; key study Moscovici et al (1969)
- Social influence processes in social change
- The power of social situations:
- Zimbardo's research (1973)

LO2:

- Development of thinking
- Piaget's Theory and mechanisms of cognitive development
- Stages in cognitive development
- Piaget's research methods
- Vygotsky's theory of cognitive development (Zone of Proximal Development)
- Applications of cognitive development theories to education
- Development of Moral understanding
- Kohlberg's theory of moral understanding
- Development of social cognition
- Development of a child's sense of self
- Development of a child's understanding of others

LO3:

- The vocabulary of sex and gender
- Intersexuality
- Gender stereotypes and gender differences
- Theories of gender development: The biological approach; influence of hormones; gonadal hormones; intersex conditions and human behavioural development
- Play behaviour
- Core gender identity
- Sexual orientation
- Gender and the brain
- The extreme male brain theory of autistic spectrum disorder
- Biosocial Theory
- Evolutionary approaches (environmental influences on behaviour)
- Freud's psychoanalytical theory

- Social Learning theory (the influence of parents)
- Cognitive development theory

LO4:

- Puberty and body image the social and psychological meaning of biological changes
- Theories of adolescence: Hall's theory (1904)
- Adolescent mental health
- Self-harm
- Sleep disturbance
- Studies of delinquent behaviour
- Erikson's theory -identity crisis (1963)
- Role confusion
- Studies of self esteem
- Initiation into adulthood in non-western cultures(Cohen 1964)
- Sociological approaches; generation gap
- Parent adolescent relationships
- Coleman's focal theory (1990)

Suggested Resources

Slater, A. and J Gavin Bremner (2017). *An Introduction to Developmental Psychology*. 3rd ed. Hoboken, New Jersey: John Wiley & Sons, Inc.

Hewstone, M., Wolfgang Stroebe and Stephenson, G.M. (1996). *Introduction to social psychology: a European perspective*. Oxford, Ox, UK; Cambridge, Mass., USA: Blackwell Publishers.

Social cognition during infancy: Introduction. (2007). *European Journal of Developmental Psychology*, 4(1), pp.1–1.

McKown, C. and Taylor, J. (2018). Introduction to the special issue on social-emotional assessment to guide educational practice. *Journal of Applied Developmental Psychology*, 55, pp.1–3.

Unit PSYCH403: Biopsychology

Unit code: M/650/5558

RQF level: 4

Unit Aim

The aim of this unit is to provide learners with knowledge and understanding of the nervous system's central and peripheral divisions (somatic and autonomic) as well as the structure and function of sensory, relay and motor neurones. This unit covers the synaptic transmission mechanism, including references to neurotransmitters, excitement and inhibition. The endocrine system, which works in tandem with the neurological system to govern the physiological functions of the human body, is also investigated. Classic psychological studies are used to illustrate the unit's application.

Learning Outcomes and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand the structure and function of the nervous system and the system's location in the brain.	1.1 Analyse different areas of the human nervous systems and their structure and function. 1.2 Assess the way in which we understand localisation and lateralisation of brain function.
2. Understand the function of neurones and the process of synaptic transmission.	2.1 Evaluate the role of sensory, relay and motor neurones. 2.2 Analyse the nature of synaptic transmission.
3. Understand ways of studying the brain.	3.1 Evaluate methods used by research scientists to study different functions of the brain. 3.2 Evaluate the strengths and limitations of methods used by research scientists to study different functions of the brain. 3.3 Evaluate the processes of defending (fight) or running away to safety (flight).
4. Understand the processes of defending (fight) or running away to safety (flight).	4.1 Explain the fight or flight responses.

Indicative Content

LO1:

- The Nervous system:
- Divisions of the nervous system; Central nervous system and the peripheral nervous system.
- Central Nervous system:
- The spinal cord
- The brain
- The Peripheral Nervous system: The somatic nervous system; the autonomic nervous system
- Localisation of function: visual and auditory centres; motor and somatosensory areas
- Language centres (Broca's area and Wernicke's area)
- Lateralisation and split brain research, language, and handedness (The boys with incomplete brains Mundiano et al., 2017)
- Split brain patients (Sperry 1968- when the left brain literally doesn't know what the left hand is doing)

LO2:

- The structure and function of neurones; sensory neurones; relay neurones; motor neurones
- Synapses and neurotransmitters
- Synaptic transmission
- Excitatory and inhibitory neurotransmitters

LO3:

- Methods of studying the brain; clinical and anatomical methods; invasive methods. Non-invasive methods
- Post-mortem examinations
- Functional magnetic resonance imaging (fMRI)
- Electroencephalogram (EEG)
- Event related potentials (ERPs)

LO4:

- The endocrine system
- Glands and hormones
- The Pituitary gland
- Hormones produced by the pituitary gland
- The adrenal glands
- Hormones produced by the adrenal glands
- The fight or flight response to stress

Suggested Resources

Pinel, J.P.J. and Barnes, S. (2018). Biopsychology. 10th ed. Ny, Ny: Pearson.

Macilveen, R. and Gross, R.D. (1996). Biopsychology. London: Hodder and Stoughton.

Moore, J.W. (1996). Psychobiology and Biopsychology. Science, 274(5286), pp.326b-326b.

Snyder, M. (1996). Psychobiology and Biopsychology. Science, 274(5286), pp.326a-326a.

Unit PSYCH404: The Development of Psychological Attachments

Unit code: R/650/5559

RQF level: 4

Unit Aim

The aim of this unit is to provide learners with information and comprehension of attachments as well as how their loss or disruption can lead to a better understanding of how early experiences can influence later development.

Learning Outcomes and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand learning theory of psychological attachment.	1.1 Analyse learning theory of attachment. 1.2 Assess the development of attachments using learning theory.
2. Understand caregiver-infant interactions, reciprocity and interactional synchrony.	2.1 Analyse what is meant by the term 'reciprocity' in relation to caregiver–infant interactions. 2.2 Analyse what is meant by the term 'interactional synchrony' in relation to caregiver–infant interactions.
3. Understand the development of attachment in human and animal studies.	3.1 Analyse the way in which attachment develops in humans and animals. 3.2 Analyse the findings of studies that investigate the development of attachment in humans and animals.
4. Understand individual and cultural variations in attachment.	4.1 Analyse the way in which attachment can vary between individuals and cultures. 4.2 Evaluate whether patterns of attachment appear to be universal or are subject to cultural influences.

Indicative Content

LO1:

- Learning theory of attachment: Classical conditioning/ operant conditioning/ social learning theory
- Bowlby Monotropic attachment theory -criticalperiod; social releasers; monotropy
- The evolutionary perspective
- Internal working model -the consequences ofattachment
- Continuity hypothesis
- Theory of maternal deprivation and the value of maternal care (Bowlby 44 Juvenile thieves' study(1944)
- Critical period
- Physical and emotional separation, support for longterm effects
- Deprivation v privation (Rutter 1981)

LO2:

- Reciprocity - completely dependent on their care givers
- Interactional synchrony - infants mirror the actions or emotions of another person e.g. facial expressions
- Observational research
- Problems with testing infant behaviour; failure to replicate

LO3:

- Stages of attachment (Schaffer and Emerson 1960)
- Multi attachment
- Primary attachment figure
- Separation anxiety
- Stranger anxiety
- Cultural variations
- Stage theories
- The role of the father
- Animal studies of attachment (Lorenz 1935) -imprinting.
- Harlow's research (1959)
- Criticisms of imprinting
- Generalising animal studies to human behaviour
- Ethics of Harlow's study

LO4:

- Ainsworth and the 'strange situation' (key study)
- Van IJzendoorn and Kroonenberg (1988) key study
- Cultural similarities and differences
- Indigenous theories of attachment, culture bias

Suggested Resources

Harvard, Center and States., U. (1994). Development of a typology of clinical performance measures for quality improvement: results of literature search: attachment 2.1. Rockville, Md (2101 East Jefferson St., Rockville 20852): U.S. Dept. Of Health and Human Services, Public Health Service, Agency for Health Care Policy and Research, [, I.E.

Heinz Rudolph Schaffer (1976). The development of social attachments in infancy. Millwood, New York: Kraus Reprint.

Lamb, M.E. (2005). Attachments, Social Networks, and Developmental Contexts. Human Development, 48(1-2), pp.108–112.

Wahler, R.G. (1967). Infant Social Attachments: A Reinforcement Theory Interpretation and Investigation. Child Development, 38(4), p.1079.

Unit PSYCH405: Processes of Human Memory

Unit code: A/650/5560

RQF level: 4

Unit Aim

The aim of this unit is to provide learners with information and comprehension of the many types of memory and the models that demonstrate how they are represented. The use of psychology is apparent in the reliability of witness testimony and theories about forgetting are considered.

Learning Outcomes and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand the multi- store model of memory, sensory register and short- and long-term memory.	1.1 Define: <ul style="list-style-type: none">• multi-store model of memory• sensory register• short-term memory• long-term memory 1.2 Evaluate the strengths and limitations of the multi-store model of memory.
2. Understand the working memory model.	2.1 Discuss one research study that supports the working memory model. 2.2 Evaluate the strengths and weaknesses of the working memory model.
3. Understand types of long-term memory.	3.1 Explain what is meant by the terms 'episodic memory' and 'semantic memory' 3.2 Explain what is meant by the term 'procedural memory'. 3.3 Distinguish between episodic and procedural memory. 3.4 Analyse different types of long-term memory.
4. Understand explanations for forgetting.	4.1 Define what is meant by the terms 'proactive interference' and 'retroactive interference'. 4.2 Explain the way in which interference may cause forgetting. 4.3 Analyse the way in which retrieval failure due to the absence of cues leads

	to forgetting. 4..4 Evaluate the factors affecting the accuracy of eyewitness testimony.
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Indicative Content

LO1:

- Short- and long-term memory, capacity, duration and coding
- The multi-store model of memory - Richard Atkinson - strengths and limitations

LO2:

- Interference theory, paired associate testing,
- Retrieval failure; The encoding specificity principle; context dependent forgetting; state dependent forgetting
- Misleading information Key study - Loftus and Palmer (1974)
- Accuracy of eyewitness testimony and the impact of anxiety - key study Johnson and Scott (1976)
- The cognitive interview Geiselman et al (1984)

LO3:

- Episodic: type of long-term memory that involves conscious recollection of previous experiences together with their context in terms of time, place, associated emotions, etc
- Semantic: a type of long-term memory involving the capacity to recall words, concepts, or numbers, which is essential for the use and understanding of language
- Procedural: Procedural memory describes an implicit memory relating to learned tasks ie riding a bike
- Evidence from brain scans.
- Distinguishing procedural and declarative memories
- Distinguishing episodic and semantic memories

LO4:

- The working memory model - Alan Baddeley
- Central executive.
- Episodic buffer
- Phonological loop
- Visuo-spatial sketchpad
- Strengths and limitations of the model

Suggested Resources

Wingfield, A. and Byrnes, D.L. (1981). The psychology of human memory. New York: Academic Press.

Charles Norval Cofer, American and American (1976). The structure of human memory. San Francisco: W.H. Freeman.

Riskey, D.R. (1979). Verbal memory processes in impression formation. Journal of Experimental Psychology: Human Learning and Memory, 5(3), pp.271–281.

Hijman, R. (1996). Memory processes and memory systems: Fractionation of human memory. Neuroscience Research Communications, 19(3), pp.189–196.

Unit PSYCH406: Research Methods and Investigating Psychology

Unit code: D/650/5561

RQF level: 4

Unit Aim

The aim of this unit is to equip learners with the knowledge and understanding of research and methodology in psychology, with an introduction to statistics and how they interact. Methodology and statistics include design considerations, counterbalancing, sample versus population, descriptive statistics, histograms, summary statistics and hypothesis testing.

You must comply with ethical standards for psychological research.

It is essential that learners are familiar with the most recent version of the Code of Ethics and Conduct which applies to all psychological research. Please refer to the American Psychological Association (APA) or British Psychological Society (BPS) for guidance.

Learning Outcomes and Assessment Criteria

Learning Outcomes	Assessment Criteria
When awarded credit for this unit, a learner will:	Assessment of this learning outcome will require a learner to demonstrate that they can:
1. Understand the experimental methods applied in psychology.	1.1 Explain the principles of research design. 1.2 Analyse the way in which scientific method, experimental and descriptive research are interlinked.
2. Understand research methods in a psychological context.	2.1 Describe the features of research methods used in psychology. 2.2 Explain how to conduct statistical tests commonly used in psychology.
3. Understand types of data analysis and evaluation in a psychological context.	3.1 Describe types of data analysis used in research. 3.2 Analyse the interrelationship between statistics and research hypotheses in psychology.
4. Be able to carry out research design and review in a psychological context.	4.1 Research psychological papers to inform research design. 4.2 Apply and justify choice of method to a research scenario. 4.3 Review and reflect on own learning.

Indicative Content

LO1:

- The scientific method; empirical methods; objectivity; replicability; theory construction; hypothesis testing
- Psychology as a science
- Validating new knowledge; the role of peer review
- Issues of reliability, validity, and sampling
- Ethical issues with human participants respect, competence; responsibility and integrity.
- Ethical issues with non-human participants; existing constraints (BPS guidelines), animal rights
- Ethical issues; informed consent; debrief; research aim, dependent and independent variable; operationalise hypothesis; standardised procedure; extraneous variables; experiment Controls: confounding and extraneous variables; Realism; mundane realism; generalisation. Validity: internal and external validity; ecological validity; population validity; historical validity.
- Directional and non-directional hypotheses. Pilot study.
- Types of experimental design: repeated measure design; independent groups; matched pairs design; counterbalancing and random allocation; order effects.
- Lab and field experiment; natural and quasi experiments; Problems: Manipulation of the IV; demand characteristics; investigator effects; participant variables; situation variables.
- Dealing with problems: single blind design; double blind design; experimental realism.
- Sampling; bias; random sample; opportunity sample; stratified sampling; systematic sampling; volunteer bias; volunteer sample.
- The BPS Code of Ethics and conduct; informed consent; deception; the right to withdraw; protection from physical and psychological harm; confidentiality; privacy; cost benefit analysis; ethics committee; debriefing.

LO2:

Naturalistic and controlled observations; overt and covert observation; participant and non-participant observation; interobserver reliability.

- Observational design; unstructured and structured observations - sampling procedures: sampling events sampling and time sampling
- Self-report techniques: questionnaires; structured interview; unstructured interview; Self-report design; questionnaire construction; open and closed questions, sampling techniques; pilot study; qualitative and quantitative data
- Case study; content analysis; effect size; meta-analysis; systematic review; cross sectional studies; longitudinal studies

LO3:

- Quantitative and qualitative data; primary and secondary data
- Correlations: correlational hypothesis; co-variables; positive and negative correlation; correlation coefficient, significance; scattergram; linear and curvilinear correlation
- Measures of central Tendency: mean, mode, median
- Measures of dispersion; range and standard deviation
- Nominal; ordinal, interval, ratio
- Display of quantitative data: Tables; bar charts; histograms; line graphs; scattergrams
- Data Distributions: normal and skewed distribution
- Statistical Testing; The Sign Test; calculated value; critical value; probability; table of critical values; one tailed test; two tailed test.
- Significance; probability; using inferential tests and critical values degrees of freedom; one

- tailed or twotailed); justifying the use of test.
- Levels of measurement (nominal; ordinal; interval)
- Spearman's RHO (Correlation)
- Chi squared Test
- Mann Whitney U Test
- Wilcoxon T Test
- Comparison of descriptive and inferential statistics
- Qualitative analysis; summarising qualitative data; inductive; categories/ themes; Deductive.
- An iterative process; validity and reflexivity, triangulation.

LO4:

- Selecting a topic consider past research (theories and studies) The finding lead to research aim and hypothesise
- Method: decide on target population, choice should be related to research aims
- Design and materials
- Participants
- Procedures what will be done
- What statistics will be used
- Ethics
- Conventions for reporting psychological investigations

Suggested Resources

Gavin, H. (2008). Understanding research methods and statistics in psychology. Los Angeles, Ca: Sage.

Dyer, C. (1995). Beginning research in psychology: a practical guide to research methods and statistics. Oxford, UK; Cambridge, Mass.: Blackwell.

Webb, A.R. (1989). What's in a question? Three methods for investigating psychology's public image. Professional Psychology: Research and Practice, 20(5), pp.301–304.

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