

Topic List

1 History, Theory, Psychology as a Discipline

History
Psychological theories
Theoretical and philosophical psychology
Discipline issues
Ethical issues
Psychology and national development
Linking models and methods
Neurocognitive modeling

2 Research Methods and Statistics

Statistical and mathematical methods and models
Sampling and research design
Psychological testing and measurement
Instrumentation
Computers in psychological research
Simulation methods
Structural equation models
Neurocognitive methods
Model fitting and selection
Bayes nets
Independent component analysis

3 Sensory and Motor Processes

Measurement of sensory and motor processes
Psychophysics
Visual processes
Auditory processes
Other sensory processes
Multisensory processing
Motor processes; motor skills
Sensory-motor interactions
Sensory and motor disorders

5 Learning, Memory, and Cognition

Conditioning
Learning strategies
Memory processes
Working memory
Prospective memory
Memory illusion
Implicit learning and memory
Explicit learning and memory
Imitation learning

6 Cognition

Information processing
Mental representation; imagery
Concept formation and structures
Thinking processes; reasoning
Intelligence; creativity
Problem solving; decision making
Consciousness
Cognition and emotion
Decision processes

7 Language, Reading, and Communication

Psycholinguistics
Acquisition of language
Speech and reading comprehension
Multilingualism
Nonverbal communication
Word recognition
Sentence processing
Language disorders
Language and action
Language and thought
Evolution and language

Topic List

4 Attention and Perception

Attention and detection
Visual perception
Auditory perception and music perception
Other modality perceptions
Space perception
Time perception
Aesthetics

8 Emotion and Motivation

Emotion and mood
Biological motivation
Social motivation
Incentives
Sexuality
Hypnosis
Neuroscience of emotion

9 Cognitive Science and Intelligent Systems

Connectionism
Neural networks
Computer modelling
Artificial intelligence and expert systems
Robotics

14 Personality and Individual Differences

Personality assessment
Personality theory
Biological correlates of personality
Social and cultural correlates of personality
Gender differences
Individual differences

10 Animal Behaviour

Instinctive behaviour
Sensation
Perception and cognition
Social behaviour
Socio-biology
Evolutionary psychology
Animal models

15 Social Psychology

Attitudes, beliefs, and values
Social cognition
Interpersonal processes and relationship
Group dynamics
Intergroup processes
Social influence and communication
Aggression and violence

11 Behavioural and Cognitive Neuroscience

Behaviour genetics
Neural bases of cognition
Neural bases of behaviour
Biopsychology
Psychoneuroimmunology
Psychopharmacology
Neuropsychology
Neuroimaging
Affective neuroscience

16 Educational Psychology

Academic learning and achievement
Social psychology of the classroom
Psychology of teaching
Teaching of psychology
Educational assessment
Educational technology
Learning disabilities
Mental retardation
Dyslexia
Dyscalculia

Topic List

12 Human Development

Infancy
Childhood
Adolescence
Adult development
Lifespan development
Aging

17 Social Issues

Ethnic and race issues
Stereotypes, prejudice, and discrimination
Religion
Family issues
Population issues
Unemployment
Social and economic transition

13 Developmental Processes

Physical and sensory-motor development
Cognitive development
Language development
Personality and moral development
Family and social environment

18 Psychology and Law

Forensic psychology
Criminal and legal procedures
Legal decision making
Criminology and delinquency

19 Culture and Psychology

Cross-cultural approaches in psychology
Methodology of cross-cultural psychology
Culture and cognition
Culture and human development
Individualism-collectivism
Indigenous psychology

23 Industrial/Organizational Psychology

Organizational behaviour
Psychology of working
Job skill development
Human resource management
Leadership and group cooperation in organizations
Human factors engineering

20 Political Psychology

Political conflict and resolution
Political socialization
Psychology of peace
International relations; international negotiation

24 Environmental Psychology

Environment-behaviour relationship theories
Environmental perception and cognition
Noise, weather, climate, disaster, toxic hazards

Topic List

21 Clinical/Counseling Psychology

Child and adolescent psychopathology
Experimental psychopathology
Clinical research methods
Psychological disorders
School counselling
Psychotherapy – research and treatment methods
Substance abuse and addiction
Antisocial behaviour
Clinical neuropsychology

25 Sports Psychology

Motor skill acquisition in sports
Cognitive strategies in sports
Psychological traits of athletes
Education and training in sports
Psychology of competitions
Psychological counselling for athletes
Professional ethics in sports psychology
Physical exercise and quality of life
Sports psychology and the disabled

22 Health Psychology

Physical and psychological health
Health attitudes and behaviour
Stress
Behavioural medicine
Rehabilitation
Pain and pain management
Death and dying

26 Interdisciplinary Issues