

Psychology Expanded Course Descriptions 2013-14

Statistics and Research Design for the Social Sciences

Course Code: PSYC 2F23 (Section 1)

Instructor: TBD Restriction: none

Prerequisite: PSYC 1F90 or one social science credit. Recommended (but not essential):

one OAC level math credit.

Class Format: 3 hours lecture, 1 hour seminar (tutorial).

Required Textbook: General Description:

Principles of research design and data analysis in the context of psychological research.

Statistics and Research Design for the Social Sciences

Course Code: PSYC 2F23 (Section 2)

Instructor: Tim Murphy

Restriction: none.

Prerequisite: PSYC 1F90 or one social science credit. Recommended (but not essential),

one OAC level math credit.

Class Format: 3 hours lecture, 1 hour seminar (tutorial).

General Description:

Principles of research design and data analysis in the context of psychological research.

Lifespan Development

Course Number: PSYC 2P12 Instructor: C. Mondloch

Restriction: open to PSYC (single or combined), HEAR, SPLS majors and PSYC

minors until date specified in Registration guide.

Prerequisite: PSYC 1F90. Class Format: 3 hours lecture

Textbook: TBA

Evaluation (tentative): General Description:

Introduction to theories and research in human development across the lifespan. Topics include development in physical, perceptual, cognitive, linguistic, social and/or emotional domains.

Cognition

Course Number: PSYC 2P20

Instructor: TBD

Restriction: open to PSYC (single or combined), HEAR, SPLS majors and PSYC

minors until date specified in Registration guide.

Prerequisite: PSYC 1F90.

Class Format: Lectures, lab, 3 hours per week.

Textbook(s) (tentative):.

Evaluation (tentative): General Description:

How the mind processes information. Topics include recognition, attention, memory, problem solving, judgment and decision making.

Personality and Individual Differences

Course Number: PSYC 2P25

Instructor: M. Ashton **Prerequisite:** PSYC 1F90

Class Format: Lectures, seminars, 3 hours per week.

Textbook: Ashton, M. C. (2013). *Individual Differences and Personality (2nd ed.)*. San

Diego, CA: Academic Press.

Evaluation:

Midterm Test (Feb. 7) 25% Final Exam (date TBA) 40% Written Assignment 20%

Seminar Performance 15% (5% attendance, 10% participation)

General Description:

Introduction to theory and research in personality and related individual differences. Topics include measurement and structure of personality characteristics; biological bases, genetic and environmental origins, and evolutionary function of personality; personality disorders; personality as a predictor of life outcomes; other domains of psychological variation (religious beliefs and political attitudes, sexuality, occupational interests, mental abilities).

Fundamentals of Social Psychology

Course Number: PSYC 2P30

Instructor: G. Hodson

Restrictions: Open to PSYC (single or combined), CHSC, COMM (single or combined),

HLSC majors and PSYC minors until date specified in Registration guide.

Prerequisite: PSYC 1F90

Class Format: Lectures 3 hours per week.

Textbook:

Evaluation (tentative): General Description:

The course is focused on the behaviour of individuals in a social context. This is explored in terms of research, theory and applications to real-life social problems. The basics of the discipline are developed: methods of research, social perception and cognition (how we make sense of our social world), attitudes and values and how these can change. These principles are applied to understand areas such as prejudice, conformity and obedience to authority. In short, this course provides the basic foundations in social psychology necessary for students wishing to further their studies in courses that build on basic social psychological principles.

Introduction to Brain and Behaviour

Course Number: PSYC 2P35

Instructor: D. Good

Restriction: open to PSYC (single or combined), <u>CHSC</u>, HEAR, HLSC, KINS, <u>NEUR</u>, PHTH, SPLS majors and PSYC minors until date specified in Registration guide.

Prerequisite(s): PSYC 1F90.

Note: student may not concurrently register in PSYC (NEUR) 2P36.

Completion of this course will replace previous assigned grade and credit obtained in

PSYC (NEUR) 2F36 and PSYC 2P36.

Format: Lectures, 3 hours per week; seminar, 1 hour per week.

Textbook: Evaluation:

General Description:

Biological aspects of behavioural neuroscience. Basics of the structure and function of the nervous system in relation to behaviour. Activities of the brain from the neuron through to interrelationships among neural systems. Topics include neuronal function, drugs and behaviour, brain plasticity and recovery from injury, sensation and perception, and the organization of the brain emphasizing human behaviour.

Brain and Behaviour I

Course Number: PSYC 2P36 (NEUR 2P36)

Instructor: D. Good

Restrictions: open to PSYC (single or combined), CHSC, HEAR, HLSC, KINS, NEUR, SPLS majors and PSYC minors until date specified in Registration guide.

Prerequisite: PSYC 1F90.

Format: Lectures, 3 hours per week; lab, 3 hours per week.

Textbook: Evaluation:

General Description:

Introduction to behavioural neuroscience - biological aspects of behaviour. Basics of the structure and function of the nervous system in relation to behaviour. Activities of the brain from the neuron through to interrelationships among neural systems. Topics include neuronal function, drugs and behaviour, brain plasticity and recovery from injury, sensation and perception, and the organization of the brain emphasizing human behaviour.

Brain and Behaviour II

Course Number: PSYC 2P37 (NEUR 2P37)

Instructor: C. Muir

Restrictions: open to PSYC (single or combined), CHSC, HEAR HLSC, KINS, NEUR,

SPLS majors and PSYC minors until date specified in Registration guide.

Prerequisite: PSYC 2P36.

Format: Lectures, 3 hours per week; lab, 3 hours per week

Textbook: Evaluation:

General Description:

The relationship between brain, physiology and behaviour. Topics relevant to neural mechanisms associated with human actions and cognitions such as motivation (sleep, sexual behaviour, eating), emotions and stress, learning and memory, communication and language, and thought (psychological/psychiatric disorders).

Learning

Course Number: PSYC 2P45

Instructor: W. Bradley

Restriction: Open to PSYC (single or combined) majors and minors until date specified

in Registration guide. **Prerequisite:** PSYC 1F90

Class Format: Lectures, seminar, 3 hours per week

Evaluation (tentative):

Three tests during the year 30% each

Seminar contribution 10%

*NOTE: one essay can be substituted for a test

General Description:

The course covers some of the classic theories of learning and some of the major factors that control and enhance the learning process. We also look at a few models of information processing as well as some of the underlying mechanisms of learning and memory. Material covered is related to both humans and non-human subjects.

Perception

Course Number: PSYC 2P49

Instructor: S. Emrich

Restrictions: Open to PSYC (single or combined) CHSC, HLSC, NEUR majors and

PSYC minors until date specified in Registration guide.

Prerequisite: PSYC 1F90

Class Format: Lectures, seminar, 3 hours per week

Evaluation (tentative): General Description:

Introduction to human perception emphasizing visual and auditory perception, including theory and applications to neurophysiology, speech recognition and development. Integration of smell, taste, balance and time perception to demonstrate the biological and cognitive bases of perception.

Abnormal Psychology

Course Number: PSYC 3F20

Instructor: A. Dane

Restriction: open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 1F90.

Class Format: Lectures, seminar, 3 hours per week

Textbook: To be announced. **Evaluation (tentative):**

Two term tests 15% each (30% total)

One final exam 20%

Two seminar presentations 10% each (20% total)

One essay 20%

Seminar participation 10%

General Description:

Psychopathology and dysfunctional behaviour are discussed with respect to classification, diagnosis, etiology, treatment and prevention. Biological, psychological and social determinants of mental disorder are considered. Note: It is recommended that this course not be taken until several second year psychology credits are complete (ideally courses in personality, social or life-span psychology). Seminars involve case studies, with which students present an individual's experience with various forms of psychopathology to illustrate diagnostic criteria, etiological pathways to disorder, and treatment plans. Students do an additional presentation concerning recent challenges or controversies in the Clinical Psychology research literature.

Psychological Research

Course Number: PSYC 3F40

Instructor: TBD

Restriction: open to PSYC (single or combined) and NEUR majors with a minimum 77 percent major average and a minimum of 8.0 overall credits and 3.0 PSYC credits above PSYC 1F90.

Prerequisites: PSYC 1F90 and 2F23.Co-requisite: PSYC 3P39

General Description:

Research methods emphasizing correlational and experimental designs and associated analyses (regression and ANOVA). Development of the student's capacity to evaluate scientific literature, generate testable hypotheses, gather and analyze data and report results in a manuscript.

Neuroscience

Course Number: PSYC 3F81 Instructor: S. Brudzynski

Restriction: open to PSYC (single or combined), CHSC, HLSC, NEUR majors and PSYC minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisites: PSYC 2P36 and 2P37 (2F36) or permission of the instructor. **Class Format:** Lectures 2 hours per week, lab 3 hours every other week.

Suggested Textbook: 1. Feldman R.S., Meyers J.S. and Quenzer L.F.: Principles of Neuropsychopharmacology. Sinauer Associates, Inc., Publishers, Sunderland, MA, 1997, pp.910 + XXII + 89 pages of References + 20 pages of Index. 2. Julien R.M., Advocat S.D., Comaty J.E.: A primer of drug action. A comprehensive guide to the actions, uses, and side effects of psychoactive drugs. Worth Publishers, New York, NY, 2011, pp.716 + XIII, includes selected references, Glossary, and Index. Previous edition from 2008 (11th edition) and new edition from 2013 (13th edition) are also good.

Evaluation (tentative):

In-class test # 1, # 2, and # 3 (mandatory; test # 1=20%, tests # 2 & 3=30% each; total **80%)**. Seminar participation (mandatory, total **20%)**. Seminar mark will consist of: 15% quiz results + 3% attendance + 2% participation in discussions = 20% of the final mark. There will be 10 quizzes worth 1.5% each.

General Description:

This half-course is designed to present students with a brief review of neuroactive chemical agents and their pharmacological effects, as well as elements of pharmacokinetics. The pharmacokinetics answers the question of how the drug may enter the body, where it will go, and what is its final fate. The action of the agents, or pharmacodynamics, informs about mechanisms of drug action from the perspective of brain functions. The review of neuroactive and psychoactive agents is organized according to the major neurotransmitter systems, and/or cellular targets. It involves such neurochemical systems as cholinergic, adrenergic, dopaminergic, serotonergic, glutamatergic, etc. Full chemical formulae are given of all agents to help to understand their structure and mechanisms of action. Relationship between chemical structure of neuro- and psychoactive compounds and their pharmacological effects is also explained. The course also covers cellular mechanisms of major mental illnesses and their treatment, and potential effects of selected neurotoxins on the nervous system. Although, some basic knowledge of organic chemistry is expected, the course is opened to students with diverse backgrounds. There are two suggested, extensive textbooks which could be used for further studies and to broadening the understanding of the basics. The lectures, however, do not exactly follow the content of the books and cover more than 40% of other topics than those contained in the suggested textbooks. Therefore, thorough following of lectures and participation in seminars is a critical factor in fully benefiting from the course and finishing it with an acceptable mark. Purchase of the textbook in not a necessary condition for a successful completion of the course. The lectures are supplemented by obligatory weekly seminars. The seminar time is devoted to clarification all potential problem in following the lecture material, particularly associated with organic chemistry, neurochemistry, pharmacology, and physiology. Seminar reading materials provided by the instructor and/or seminar leader presentations. All guizzes during seminars are based on these materials.

Advanced Perception

Course Number: PSYC 3P05

Instructor: TBA

Lectures, lab, 3 hours per week.

Restriction: open to PSYC (single or combined), <u>NEUR</u> majors and PSYC minors until date specified in Registration guide. After that date open to PSYC (single or combined), <u>NEUR</u>, GHUM, SOSC majors and minors until date specified in Registration guide.

Prerequisite(s): PSYC 1F90 and 2P49.

General Description:

Historical and contemporary issues in perception emphasizing visual and auditory systems. Different approaches to perception, such as cognitive, neuropsychology, applied and social psychology.

Adolescent Development Course Number: PSYC 3P18

Instructor: TBA

Restrictions: Open to PSYC (single or combined), CHSC, HLST majors and PSCY minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90. Not open to CHYS (single or combined) and CHYS (Pass/BEd (primary/junior) majors.

Prerequisites: PSYC 1F90, PSYC 2P12 (2F12) or CHYS 2F10.

Class Format: Lectures, seminar, 3 hours per week

Textbook(s) (tentative): To be announced.

Evaluation (tentative): A variety of evaluation tools will be employed. Examples include class participation, poster presentations, a written assignment, and tests.

General Description:

Theories and research pertaining to development during adolescence. Topics include biological, cognitive and socioemotional development, and the various contexts (family, peers, schools, culture) in which development occurs.

Psychology of Aging

Course Number: PSYC 3P19

Instructor: TBA

Prerequisite(s): PSYC 1F90 and 2P12.

Class Format: Lectures, seminar, 3 hours per week.

Textbooks (tentative): Evaluation (tentative): General Description:

Theories and methods of lifespan development as applied to the special issues that emerge during late adulthood; how physiological, social and cognitive factors interact as individuals cope with the tasks of later years.

Psychology of Parenting Course Number: PSYC 3P23

Instructor: TBA

Restrictions: open to PSYC (single or combined), CHLH, CHYS (single or combined), CHYS BA (Honours)/BEd (Primary/Junior), CHYS BA (Pass)/Bed majors and PSYC minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 2P12 (2F12) or CHYS 2F10

Class Format: Lectures, seminar, 3 hours

Textbook:

Evaluation (tentative): General Description:

Determinants, varieties and consequences of parenting, focusing on psychological research findings in contemporary parenting/parenthood issues. Topics include different styles of parenting, parent-child relationships, child maltreatment, parenting children with different temperaments, and parenting in ecological contexts.

Classic Theories of Personality Course Number: PSYC 3P24

Instructor: TBA

Restriction: open to PSYC (single or combined) majors and minors until date specified

in Registration guide. After that date open to PSYC (single of

combined), GHUM, SOSC majors and PSYC minors until date specified in Registration

guide.

Prerequisite(s): <u>PSYC 1F90</u>.

Completion of this course will replace previous assigned grade and credit in PSYC 2P24.

Class Format: Lectures, seminar, 3 hours per week.

General Description:

Introduction to personality psychology using a "theorist by theorist" approach. Classic theories of personality, including, psychoanalytic, humanistic and social learning approaches.

Critical Thinking in Psychology Course Number: PSYC 3P30

Instructor: TBA

Restrictions: Open to PSYC (single or combined), NEUR majors and PSYC minors with

either a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90. **Prerequisites:** 1F90 and PSY 2F23. Note that completion of this course will replace

previous assigned grade and credit obtained in PSYC 3F40 and 3P41. **Class Format:** Lectures (2 hours), seminar (1 hour), 3 hours per week

Textbook(s):

Evaluation: To be announced.

General Description:

Development of scientific thinking and discovery procedures in psychology. The design of experiments and quasi-experiments. Control of variables, statistical power and alternative sources of data. Critical analysis of typical examples of contemporary psychological research.

Social Psychology of Social Issues

Course Number: PSYC 3P31

Instructor: C. Hafer

Restriction: open to PSYC (single or combined) majors and minors until the date specified in the Registration guide. After that date open to PSYC (single and combined), BA General Studies majors and PSYC minors until date specified in Registration guide.

Prerequisites: PSYC 1F90 and 2P30

Class Format: 1 2-hour lecture, 1 seminar a week

Textbook(s): Schneider, F. W., Gruman, J. A., Coutts, L. M. (Eds.). (2012). Applied

social psychology. Thousand Oaks, CA: Sage.

Evaluation (tentative):

Mid-term examination
 Final examination
 30%
 30%

3. Intervention/Poster 30%

4. Seminar participation 10%

General Description:

Theory and research of social psychology as applied to specific areas of personal and social concern, such as physical and mental health, law, sports, the workplace, and the environment. Methods of conducting applied research and evaluating program efficacy. For the term project, students will design their own intervention to address some applied issue. They will present this intervention during an end of term poster-session (which will take place in their final seminar).

Textbook(s):

Evaluation (tentative):

General Description:

Theory and research of social psychology as applied to specific areas of personal and social concern, such as physical and mental health, law, the workplace, consumer behaviour, and international relations. Methods of conducting applied research, assessing public opinion and evaluating program efficacy.

The Development of Deception

Course Number: PSYC 3P32

Instructor: A. Evans

Course Format Lectures, seminar, 3 hours per week.

Restrictions open to PSYC (single or combined) majors and minors until the date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisite(s) PSYC 1F90 and 2P12.

Exclusions Completion of this course will replace previously assigned grade and credit obtained in PSYC 3V85 (taken in 2011).

Textbook(s):

Evaluation (tentative):

General Description: Development of non-verbal and verbal deceptive behaviours from the preschool years into adolescence with a focus on childhood. Influence of cognitive development on deceptive behaviours as well as social factors that influence lie-telling and deceptive behaviours. Legal and social implications of deception..

Human Evolutionary Psychology

Course Code: PSYC 3P37 Instructor: M. Ashton

Restriction: open to PSYC (single or combined) majors and minors until the date specified in the registration guide. Students must have a minimum of 8.0 credits or 3.0

PSYC credits above PSYC 1F90.

Prerequisite(s): <u>PSYC 1F90</u>; one of <u>PSYC 2P25</u>, <u>2P30</u>, <u>3P24</u> (2P24) or permission of the instructor.

Completion of this course will replace previously assigned grade and credit obtained in PSYC 3V86 (taken in 2011) and PSYC 4P88 (taken in 2010).

Class Format: Lectures, seminar, 3 hours per week.

Textbooks: Buss, D. M. (2008). *Evolutionary Psychology: The New Science of the Mind (4th ed.)*. Needham Heights, MA: Allyn & Bacon.

Evaluation:

General Course Description:

Human psychological characteristics in terms of function and evolution. General principles of evolutionary psychology, individual differences, group differences, adaptations to the natural environment, kin relationships, co-operation and conflict, sexuality and mating, and social organization. Critical evaluation of evidence that a given psychological characteristic may be an adaptation.

Computer Data Analysis Course Number: PSYC 3P39 Instructor: T. Willoughby

Restriction: open to PSYC (single or combined) and NEUR majors with a minimum 77 percent major average and a minimum of 8.0 overall credits or 3.0 PSYC credits above

PSYC 1F90.

Prerequisites: PSYC 1F90 and 2F23.

Textbook(s): To be announced.

Evaluation (tentative): General Description:

Applications of computers to management and analysis of data, including data entry, statistical procedures and interpretation of output, using SPSS.

Comparative Psychology I Course Number: PSYC 3P45

Instructor: W. Bradley

Restriction: Open to PSYC (single or combined) and NEUR majors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC

credits above PSYC 1F90. **Prerequisite:** PSYC 1F90.

Class Format: Lectures, seminar, 3 hours per week.

Textbook:

Evaluation (tentative): General Description:

Introduction to comparative psychology, emphazing the similarity and differences of behaviour patterns across several species (including humans).

Psychology of Food and Eating Course Number: PSYC 3P46 Instructor: G. Pickering Prerequisites: PSYC 1F90. **Restrictions:** open to PSYC (single or combined), NEUR majors and PSYC minors until date specified in Registration guide, or permission of instructor. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Class Format: lectures, seminars: 3 hours per week.

Textbook(s): Ogden, Jane. *The psychology of eating: from healthy to disordered behavior*. Chichester, West Sussex, U.K.; Malden, MA: Wiley-Blackwell, 2010

Evaluation:

General Description:

Psychological, biological and social factors influencing food/beverage consumption in humans, including both theoretical and applied aspects. Topics include physiological control of food intake; biological, orosensory, social and cultural factors influencing food selection; the effects of food on behaviour; eating disorders; and obesity and weight control.

Health Psychology

Course Number: PSYC 3P51

Instructor: C. Muir

Restrictions: Open to PSYC (single or combined), CHSC and HLSC majors and PSYC

minors until date specified in Registration guide.

Prerequisite: PSYC 1F90.

Class Format: Lectures, seminar, three hours per week

Textbook(s) (tentative): To be announced

Evaluation (tentative): class participation, seminar participation and presentation, essay,

midterms, final

General Description:

This course provides an introduction to the theory and practice of health psychology. Biopsychosocial models will be used to provide a comprehensive approach to aspects of health and illness. Key areas to be addressed include stress, pain, sport psychology, exercise, addiction, psychology and the immune system, self-care and coping strategies. Students will also be introduced to salient issues in clinical health psychology, including theoretical approaches and interventions (e.g., cognitive behavioural therapy) with diverse health (e.g., chronic illness) and emotional issues (e.g., anxiety, depression). Students will be encouraged to develop both increased awareness and critical reflections of health information, theory and practice.

Introduction to Forensic Psychology

Course Number: 3P53

Instructor: TBA

Restriction: open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 1F90.

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s) (tentative):. Evaluation (tentative):

General Description:

This course provides a broad overview of the field of forensic psychology, involving discussion of a variety of topics, including psychopathy, risk assessment, criminal profiling, deception, eyewitness identification, and jury decision-making.

Introduction to Human Neuropsychology

Course Number: PSYC 3P59

Instructor: D. Good

Restriction: Open to PSYC (single or combined), CHSC, HLSC, LING, NEUR majors and PSYC minors until date specified in Registration guide. Students must have a

minimum of 8.0 overall credits and 1.0 PSYC credit above PSYC 1F90.

Prerequisites: PSYC 1F90

Class Format: Lectures, seminar, 4 hours per week.

Textbooks:

General Description:

Relation between brain function and behaviour examined through basic research and clinical syndromes. Topics include neural basis of perception, memory, language, emotion and executive functions.

Children's Thinking

Course Number: PSYC 3P60

Instructor: TBA

Restriction: Open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisites: PSYC 1F90; one of PSYC 2P12 (2F12), 2P20 (2F20), 2P49 (2F50),

CHYS 2F10.

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s) (tentative): To be announced.

Evaluation (tentative): General Description:

Theory and research pertaining to cognitive development. Topics include the development of perception, language, memory, problem solving, reading and social cognition.

Bases of Neuropsychopharmacology

Course Number: PSYC 3P67 Instructor: S. Brudzynski

Restriction: open to PSYC (single or combined), CHSC, HLSC, NEUR majors and PSYC minors until date specified in Registration guide. Students must have a minimum

of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 2P36.

Class Format: Lectures, seminar, 3 hours per week

Suggested Textbook: 1. Feldman R.S., Meyers J.S. and Quenzer L.F.: Principles of Neuropsychopharmacology. Sinauer Associates, Inc., Publishers, Sunderland, MA, 1997, pp.910 + XXII + 89 pages of References + 20 pages of Index. 2. Julien R.M.: A primer of

drug action. A comprehensive guide to the actions, uses, and side effects of psychoactive drugs. Worth Publishers, New York, NY, 2005, pp. 690 + XIII, includes selected references, Glossary, and Index.

Evaluation (tentative):

Three in-class tests worth 30% each (total 90%)

Seminar Participation 10%

General Description:

This half-course is designed to present students with a brief review of neuroactive chemical agents and their pharmacological effects, as well as elements of pharmacokinetics. The pharmacokinetics answers the question of how the drug may enter the body, where it will go, and what is its final fate. The action of the agents, or pharmacodynamics, informs about mechanisms of drug action from the perspective of brain functions. The review of neuroactive and psychoactive agents is organized according to the major neurotransmitter systems, and/or cellular targets. It involves such neurochemical systems as cholinergic, adrenergic, dopaminergic, serotonergic, glutamatergic, etc. Full chemical formulae are given of all agents to help to understand their structure and mechanisms of action. Relationship between chemical structure of neuro- and psychoactive compounds and their pharmacological effects is also explained. The course also covers cellular mechanisms of major mental illnesses and their treatment, and potential effects of selected neurotoxins on the nervous system. Although, some basic knowledge of organic chemistry is expected, the course is opened to students with diverse backgrounds. There are two suggested, extensive textbooks which could be used for further studies and to broadening the understanding of the basics. The lectures, however, do not exactly follow the content of the books and cover more than 40% of other topics than those contained in the suggested textbooks. Therefore, thorough following of lectures and participation in seminars is a critical factor in fully benefiting from the course and finishing it with an acceptable mark. Purchase of the textbook in not a necessary condition for a successful completion of the course. The lectures are supplemented by obligatory weekly seminars. The seminar time is devoted to clarification all potential problem in following the lecture material, particularly associated with organic chemistry, neurochemistry, pharmacology, and physiology. Seminar reading materials provided by the instructor and/or seminar leader presentations. All quizzes during seminars are based on these materials.

Stress

Course Number: PSYC 3P75

Instructor: W. Bradley

Restriction: open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC

credits above PSYC 1F90. **Prerequisite:** PSYC 1F90. **Class Format:** To be announced

Textbook(s) (tentative): To be announced **Evaluation (tentative):** To be announced

General Description:

Psychological, physiological and evolutionary explanations for stress are examined. The investigation of adaptive, non-adaptive and pathological responses to stress. Cognitive, emotional and behavioural factors related to occupations, environments, life events, methods of appraisal, ways of coping and consequences for health.

Social Development

Course Number: PSYC 3P77

Instructor: A. Evans

Restriction: open to PSYC (single or combined), <u>CHYS</u> (single or combined) and <u>CHYS</u> BA (Honours)/BEd majors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above <u>PSYC 1F90</u>.

Note: students may not concurrently register in CHYS 3P24.

Completion of this course will replace previous assigned grade and credit obtained in CHYS 3P24.

Prerequisite: PSYC 1F90; PSYC 2P12 (2F12) or CHYS 2P10 (2F10)

Class Format: Lectures, seminar, 3 hours per week.

Textbook: Parke, R. D., & Clarke-Steward, A. (2011). Social Development. John Wiley

& Sons, Inc. **Evaluation:**

General Description: Context, morality, aggression, friendship and other topics in social development from a variety of developmental perspectives focusing on childhood. Methodological issues relevant to the study of social development.

Psychology of Creativity

Course Number: PSYC 3V87

Instructor: TBA

Restriction: open to PSYC (single or combined), NEUR majors and PSYC minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits

or 3.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 1F90

Class Format: Lectures, 3 hours per week. Textbook(s) (tentative): To be announced Evaluation (tentative): To be announced

General Description:

Theories of Creativity. Theory and research in the assessment of creativity, creativity and cognition, the creative personality, the relation between creativity and IQ, everyday versus exceptional creativity, the neurobiological foundations of creativity, and creativity and mental illness.

Human Motivation

Course Number: PSYC 3V88

Instructor: C. Muir

Restriction: open to PSYC (single or combined) and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC

credits above PSYC 1F90. **Prerequisite:** PSYC 1F90

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s):

Evaluation (tentative): General Description:

Theories, models, and research on the psychological aspects of human motivation, including social, cognitive, behavioural, and biological perspectives. The influence of emotions on goal-directed behaviour and how current conceptions of human motivations applied to achievement, physical and mental health, relationships, addictions, and creativity.

Psychological Measurement and Personality Research

Course Number: PSYC 4P25

Instructor: M. Ashton

Restriction: open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC

credits above PSYC 1F90.

Prerequisite: PSYC 2F23 and 2P25.

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s): Furr, R. M., & Bacharach, V. R. (2013). Psychometrics: An Introduction

 $(2^{nd} ed.)$. Thousand Oaks, CA: Sage.

Evaluation (tentative): Seminars, midterm test, final exam, written assignment(s).

General Description:

Principles of psychological measurement, psychometric theory, and test construction. Scales of measurement, reliability, validity, factor analysis, response styles. Personality structure and the causes and functions of personality variation. Individual differences in the area of personality and associated domains, including cognitive abilities, interests, attitudes, religiosity, and sexuality.

Psychology of the Exceptional Child

Course Number: PSYC 4P27

Instructor: TBA

Restriction: open to PSYC (single or combined) majors and minors until date specified in Registration guide. Students must have a minimum of 8.0 overall credits or 3.0 PSYC credits above PSYC 1F90.

Prerequisites: PSYC 2P12 (2F12) or CHYS 2F10; one of PSYC 3P18, 3P19, 3P23,

3P60, 3P61, 3P77 or permission of the instructor. **Class Format:** Lectures, seminar, 3 hours per week.

Textbook(s) (tentative): TBA Evaluation (tentative): TBA

General Description:

This seminar provides an in-depth examination of selected topics related to atypical child development. Topics will change from year to year, and may include the study of: autism and William's Syndrome, 'gifted' children, mental retardation, ADHD, conduct disorder, eating disorders, and childhood depression and anxiety.

Positive Psychology

Course Number: PSYC 4P30

Instructor: M. Busseri

Restriction: open to PSYC (single or combined) majors and minors until the date specified in Registration guide. Students must have 13.5 credits or 5.0 PSYC credits

above PSYC 1F90.

Prerequisite: PSYC 1F90; PSYC 2P25 or PSYC 2P30; PSYC 3P30 or PSYC 3F40.

Class Format: lecture and seminar.

Textbook(s):

Evaluation (tentative): General Description:

Positive psychology is concerned with positive experiences, positive characteristics, and positive institutions. In addressing these topics, this course will focus on three main themes: positive psychology provides a lens through which all areas of psychological inquiry can be critically considered; positive psychology has provided a wide range of information concerning optimal human functioning; and psychological science plays a central role in the study of positive psychology.

The Psychology of Social Justice Course Number: PSYC 4P44

Instructor: C. Hafer

Restrictions: Open to PSYC (single or combined) majors with approval to year 4 (a

minimum of 13.5 overall credits).

Prerequisite: PSYC 1F90

Class Format: Lecture, seminar, hours per week

Textbook (tentative): There is no textbook for this course. Instead students read approximately 2 journal articles per week. All readings are posted on the WebCT site for this class.

Evaluation (tentative):

Midterm exam 25% Final exam 25% Oral presentation 15%

Paper 25%

General Description:

The course will cover social psychological theories and research on the concept of justice. The social psychological viewpoint sees justice as a subjective perception that influences attitudes, emotions and behaviour. Thus, three of the major theoretical

questions addressed in the course are: "How do people define justice?" "How important is justice in people's lives and when is it important?" and "Why do people care about justice?" In seminar, journal articles presenting empirical research will be discussed. Also, students will give presentations applying theory and research to address social problems involving, for example, justice in the legal system, justice in organizations, and justice and social action.

Psychosocial Problems in Adolescence and Emerging Adulthood

Course Number: PSYC 4P50 **Instructor:** T. Willloughby

Restrictions: open to PSYC (single or combined) majors with a minimum 13.5 credits

until the date specified in the Registration guide.

Prerequisite: PSYC 2P12.

Exclusions: Completion of this course will replace previous assigned grade and credit in

PSYC (CHYS) 4P41 and PSYC 4P86 (2010-2011). Class Format: Lectures, seminar, 3 hours per week.

Textbook(s)

Evaluation (tentative): General Description:

Theory and research on internalizing and externalizing problem behaviours in adolescence and emerging adulthood, as well as the factors that enhance resilience and competence.

Maturation and Development

Course Number: PSYC 4P56 (also offered as CHYS 4P56)

Instructor: TBA

Restriction: open to PSYC (single or combined), <u>CHYS</u> (single or combined), <u>CHYS</u> BA (Honours)/BEd (Primary/Junior), <u>CHYS</u> BA (Pass)/BEd and <u>NEUR</u> majors until date specified in Registration guide. Students must have a minimum of 13.0 overall credits or 5.0 PSYC credits above <u>PSYC 1F90</u>.

Prerequisite: one of PSYC 2P12 (2F12), 2P36 (2F36), CHYS 2F10.

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s) (tentative): Evaluation (tentative): General Description:

Influences of brain maturation on psychological development and vice versa. Topics include structural and functional brain growth in the child and adolescent, influences of experience (e.g., stress, nurturance, drugs, social interaction, learning) on brain growth and vice-versa, role of genes and epigenetics in brain growth, current brain models of atypical development, and the relation of developmental neuroscience concepts to applied societal issues.

Professional Topics in Psychology Course Number: PSYC 4P69

Instructor: TBA

Restriction: Open to PSYC (single or combined) majors and minors until the date

specified in Registration guide. Students must have 13.5 credits or 5.0 PSYC credits

beyond PSYC 1F90. **Prerequisite:** PSYC 1F90.

Class Format: Lectures, seminar, 3 hours per week

Textbook(s) (tentative): To be announced

Evaluation (tentative): class participation, seminar participation, essays, midterm, final

General Description:

The purpose of this course is to review professional topics influencing the development of psychology and its future. Topics will be examined from both theoretical and applied perspectives. Key areas to be addressed include personal and professional boundaries (e.g., self-care, workplace bullying), ethical principles related to the psychological enterprise (e.g., confidentiality, decision-making), and current and projected psychology initiatives (e.g., program evaluation, positive psychology). The primary learning objectives are for students to develop and increased awareness and thoughtful consideration for professional issues within psychology.

The Psychology of Violent Predators

Course Number: PSYC 4P72

Instructor: A. Book

Restrictions open to PSYC (single or combined) a minimum of 13.0 overall credits or

5.0 SYC credits above PSYC 1F90.

Prerequisite: PSYC 3P53 or PSYC 3F20.

Class Format: Lectures, seminar 3 hours per week.

Textbook(s) (tentative): A reading package will be prepared for this course.

Evaluation (tentative): Participation, presentation, essay(s), with a midterm test and

final exam (essay format).

General Description:

A multi-disciplinary approach is used in an effort to understand the psychology of criminals who engage in predatory violence, including serial killers, mass murderers, child molesters, and rapists. Students are introduced to the theories, concepts and research from the fields of psychology, sociology, criminology & criminal justice that social scientists employ to understand and respond to violent criminals.

Introduction to Counseling and Psychotherapy

Course Number: PSYC 4P79 Instructor: D. Markiewicz

Restriction: open to PSYC (single or combined) majors and minors who hold a

minimum of 13.5 overall credits or 5.0 PSYC credits above PSYC 1F90.

Prerequisite: PSYC 3F20.

Class Format: Lectures/Seminars 3 hours/week

Textbook: Sharf, R. S. (2012) Theories of psychotherapy and counseling: Concepts and

cases (Fifth edition) Belmont, CA: Brooks/Cole. ISBN: 139780840033666

Additional course readings are on reserve at the library.

Course breakdown of evaluation: Each of the following is described below.

2 examinations @ 20% each 40% 1 quiz @ 5% 5%

1 term paper20%1 presentation25%Attendance and participation10%

General Description:

This course will introduce students to contemporary major theories of counselling and psychotherapy, including psychoanalytic and psychodynamic psychotherapy, client/person centered counselling, behavioural and cognitive-behavioural therapy, interpersonal psychotherapy, and post-modern approaches. Students will be able to identify commonalities and differences among theories in philosophy and basic concepts, therapeutic process and goals, and specific counselling techniques. Strengths and weaknesses of the theories and techniques, and relevant empirical studies will be examined.

History of Psychology

Course Number: PSYC 4P92 Instructor: S. Segalowitz

Restriction: open to PSYC (single or combined) majors with a minimum 75 percent

major average and a minimum of 13.5 credits or permission of the instructor.

Prerequisite: one of PSYC 3F40, 3P30, PSYC 3P41 and 3P42.

Class Format: Lectures, seminar, 3 hours per week.

Textbook(s) (tentative): t.b.a.

Evaluation (tentative): Weekly written comments, seminar presentation, hour in-class

test, essay (10 pp), final exam (essay and short answer format).

General Description:

The growth of psychology as a field has been a long and interesting journey, and is still unfolding. This course traces the way in which historically important individuals and movements have shaped psychology as we know it today. The issues we will explore for each person and/or school include the following: Who were the major figures in the movement and what were their cultural and educational contexts? What conceptual and/or methodological innovations did they introduce? Did they have an enduring influence and if so, what was it? If not, why not? How does their work relate to current issues of you are dealing with in your thesis and other work?

Honours Seminar

Course Number: PSYC 4P93

Instructor: C. Hafer, T. Willoughby

Restrictions: open to PSYC (single or combined) majors with approval to year 4

(honours) and permission of the Department.

Co-requisite: PSYC 4F90 or 4F91.

Class Format: Seminar (bi-weekly), 3 hours per session.

Evaluation: To be announced.

General Description:

Discussion of Undergraduate thesis research and preparation, including examination of various topics in Psychology.