

# 2010-2011 Course Catalog

The University Of Montana

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## Department of Psychology

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### Nabil Haddad, Chair

Psychology is the science of the behavior of humans and other animals. The psychologist, using scientific methods, seeks to understand the causes and purposes of behavior. Psychologists pursue their research and its application in academia, business, government, health, military and social service. The department offers the Bachelor of Arts, Master of Arts and Doctor of Philosophy degrees.

### Admission Requirements

To be admitted to either option of the psychology major, a student must satisfy the following requirements:

1. completion of 30 credits overall
2. completion of 6 credits in psychology courses, including PSYX 100S (PYSC 100S).

In addition, to be admitted to the research option of the psychology major, students also should have:

3. a minimum overall GPA of 3.0

Students who intend to major in psychology but who have not yet met the credit hour requirements are admitted to the program as pre-psychology majors. Prior to meeting the above requirements for admission pre- psychology students should go to University College in the Lommasson Center for advising.

### Special Degree Requirements

Refer to graduation requirements listed previously in the catalog. See index.

To earn a Bachelor of Arts degree in psychology, the student must complete one of the options. Students are not restricted to the courses listed under either option, although one option must be completed by majors.

All majors are required to earn a "C" (2.00) or better in all psychology classes taken to fulfill requirements, including the Math course.

The Upper-division Writing Expectation must be met by successfully completing an upper-division writing course from the approved list in the Academic Policies and Procedures section of this catalog. See index.

Majors are required to remain in periodic contact with departmental advisors to facilitate advanced and individual program planning, to deal with impending difficulties, and as a communication channel between student and department.

Students who are particularly interested in child, adult or family development should investigate the human and family development minor. See index.

### **General Option**

The general option is intended for students who have a major interest in psychology, but do not intend to pursue graduate training in psychology.

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. PSYX 222 (PSYC 220) Psychological Statistics
4. At least two of the following:
  - PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
  - PSYX 270S (PSYC 260S) Fundamentals of Learning
  - PSYX 280S (PSYC 265S) Cognition
5. At least four of the following:
  - PSYX 230S (PSYC 240S) Child and Adolescent Development
  - PSYX 233 (PSYC 245) Adult Development and Aging
  - PSYX 340S (PSYC 330S) Abnormal Psychology
  - PSYX 360S (PSYC 350S) Social Psychology
  - PSYX 385S (PSYC 351S) Psychology of Personality
6. At least one of the following:
  - M 115 (MATH 117) Probability & Linear Mathematics
  - M 162 (MATH 150) Applied Calculus
  - M 171 (MATH 152) Calculus I
7. At least four other three-credit psychology courses, not to include PSYX 292, 298, 392, 398, 493, or 499 (PSYC 296, 298, 396, 398, 493 or 499).

### **Research Option**

The research option provides the student with an adequate foundation for graduate studies in psychology.

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. PSYX 222 (PSYC 220) Psychological Statistics
4. PSYX 320 (PSYC 320) Research Methods III
5. PSYX 297 (PSYC 297) Supervised Research (minimum of 2 credits)
6. At least two of the following:
  - PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
  - PSYX 270S (PSYC 260S) Fundamentals of Learning
  - PSYX 280S (PSYC 265S) Fund of Memory & Cognition
7. At least four of the following:
  - PSYX 230S (PSYC 240S) Developmental Psychology
  - PSYX 233 (PSYC 245) Fund of Psychology of Aging
  - PSYX 340S (PSYC 330S) Abnormal Psychology
  - PSYX 360S (PSYC 350S) Social Psychology

- PSYX 385S (PSYC 351S) Psychology of Personality
8. At least one of the following:
- PSYX 339 (PSYC 340) Current Topics in Developmental Psychology
  - PSYX 345 (PSYC 336) Child and Adolescent Psychological Disorders
  - PSYX 348 (PSYC 385) Psychology of Family Violence
  - PSYX 376 (PSYC 337) Principles of Cognitive Behavior Modification
  - PSYX 378S (PSYC 335S) Intro to Clinical Psychology
9. At least two of the following:
- PSYX 352 (PSYC 372) Comparative Psychology
  - PSYX 356 ((PSYC 371) Human Neuropsychology
  - PSYX 377 (PSYC 301) Personalized Student Instruction
  - PSYX 400 History and Systems in Psychology
10. At least one of the following:
- M 115 (MATH 117) Probability & Linear Mathematics
  - M 162 (MATH 150) Applied Calculus
  - M 171 (MATH 152) Calculus I

### Teacher Preparation in Psychology

Students who want to be licensed to teach psychology at the high school level must complete the BA degree requirements in psychology (general option). They also must complete a teaching major or minor in a second field of their choice and the professional licensure program in the College of Education. Students may also earn a teaching minor in psychology. See the Department of Curriculum and Instruction for information about admission to the Teacher Education Program and completion of these licensure programs.

### Suggested Course of Study

First Year	A	S
PSYX 100S (PYSC 100S) 4 Introduction to Psychology	-	
PSYX 105 (PSYC 110) - Careers in Psychology	1	
PSYX 120 (PSYC 120) - Research Methods I	3	
M 115 (MATH 117) - Probability and Linear Math or M 162 or 171 (150 or 152) Applied Calculus/Calculus I	3-4	
WRIT 101 (ENEX 101) 3 Composition	-	
Four General Education courses	6	
Two elective courses	3	3
	16	17
Second Year	A	S

PSYX 222 (PSYC 220) Psychological Statistics	3	-	
Three other 200-level psychology courses	3	6	
Four General Education courses	6	6	
Two elective courses	3	3	
	15	15	
Third Year		A	S
PSYX courses	3	6	
PSYX 297 (PSYC 297) Supervised Research	-	2	
PSYX 320 (PSYC 320) Research Methods III (upper-division writing)	3	-	
Electives and General Education	9	7	
	15	15	
Fourth Year		A	S
PSYX courses	6	-	
Electives	6	15-16	
	12	15-16	

### Requirements for a Minor

To earn a minor in psychology the student must complete a minimum of 21 credits of psychology including:

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. One of:
  - PSYX 230S (PSYC 240S) Developmental Psychology
  - PSYX 360S (PSYC 350S) Social Psychology
  - PSYX 385S (PSYC 351S) Psychology of Personality
4. One of:
  - PSYX 340S (PSYC 330S) Abnormal Psychology
  - PSYX 345 (PSYC 336) Child and Adolescent Psychological Disorders
  - PSYX 376 (PSYC 337) Principles of Cognitive Behavior Modification
  - PSYX 378 (PSYC 335S) Intro to Clinical Psychology
5. Two of:
  - PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
  - PSYX 270S (PSYC 260S) Fundamentals Psychology of Learning
  - PSYX 280S (PSYC 265S) Fundamentals of Memory & Cognition
  - PSYX 352 (PSYC 372) Comparative Psychology
  - PSYX 356 (PSYC 371) Human Neuropsychology

At least six of the 21 credits must be at the 300-level or above.

All minors are required to earn a "C" (2.00) or better in all psychology classes taken to fulfill requirements.

## **Courses**

U = for undergraduate credit only, UG = for undergraduate or graduate credit, G = for graduate credit. R after the credit indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

### **Psychology (PSYX)**

U 100S (PSYC 100S) Introduction to Psychology 4 cr. Offered every term. Introduction to the scientific study of behavior in humans and other animals. Credit not allowed for both PSY 100S and PSYC 100S.

U 105 (PSYC 110) Careers in Psychology 1 cr. Offered intermittently. Exploration of the various careers available in the general area of mental health research and practice.

U 107 (PSYC 113) Intergroup Dialogue 1 cr. Offered autumn. Reflective dialogue about issues of identity, diversity, and social justice.

U 120 (PSYC 120) Research Methods I 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S). Experimental and quantitative methods employed in the scientific study of behavior.

U 191 (PSYC 195) Special Topics Variable cr. (R-6) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

U 199 (PSYC 199) Lower-Division Elective Variable cr.

U 222 (PSYC 220) Psychological Statistics 3 cr. Offered every term. Prereq., PSYX 100S, 120 (PSYC 100S, 120); M 115 (MATH 117), M 162 or 161 (MATH 150 or 152). Application of statistical techniques to psychological data. Credit not allowed for both PSYX 222 (PSYC 220) and SOCI 202 (Soc 202).

U 230S (PSYC 240S) Developmental Psychology 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S). An overview of research findings on development from infancy through adolescence, with emphasis on application.

U 233 (PSYC 245) Fundamentals of Psychology of Aging 3 cr. Offered intermittently. Prereq., PSYX 100S (PSYC 100S). An overview of theories and research findings in the psychology of adulthood and aging.

U 250N (PSYC 270N) Fundamentals of Biological Psychology 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S). Introduction to the relationships between biological structures and mechanisms and their corresponding psychological processes and events. Origins and adaptations of structures and behaviors as well as the methods used to study these relationships.

U 270S (PSYC 260S) Fundamentals of Psychology of Learning 3 cr. Offered autumn. Prereq., PSYX 100S (PSYC 100S). Basic theory and research on the nature of animal learning and behavior.

U 280S (PSYC 265S) Fundamentals of memory & Cognition 3 cr. Offered intermittently. Prereq., PSYX 100S (PSYC 100S). The acquisition and uses of knowledge. An examination of research and theories of human learning, memory, and thinking.

U 291 (PSYC 295) Special Topics Variable cr. (R-6) Offered intermittently. Prereq., PSYX 100S (PSYC 100S). Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

U 292 (PSYC 296) Independent Study Variable cr. (R-6) Offered every term.

U 294 (PSYC 294) Seminar/Workshop 1 cr. (R-3) Offered intermittently. Prereq., consent of instr.; coreq., another psychology course. Taken in conjunction with another psychology course to provide additional content and discussion for honors students. Consent of the corequisite course instructor is required for this course.

U 297 (PSYC 297) Supervised Research Variable cr. (R-6) Offered every term.

U 298 (PSYC 298) Internship 1-6 cr. (R-6) Offered every term. Prereq., consent of department. Extended classroom experience which provides practical application of classroom learning during placements off-campus. Prior approval must be obtained from the faculty supervisor and the Internship Services office. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

U 320 (PSYC 320) Research Methods III 3 cr. Offered every term. Prereq., PSYX 100S, 120, and 222 (PSYC 100S, 120, and PSYC 220) and research option. An appreciation of the experimental approach to the scientific study of behavior through student-conducted experiments.

U 339 (PSYC 340) Current Topics in Developmental Psychology 3 cr. Offered intermittently. Prereq., PSYX 230S or 233 (PSYC 240S or 245). Topical reviews of theories, research and applications in developmental psychology.

U 340S (PSYC 330S) Abnormal Psychology 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S). Description and classification of abnormal behavior.

U 345 (PSYC 336) Child and Adolescent Psychological Disorders 3 cr. Offered intermittently. Prereq., PSYX 100S (PSYC 100S) and 230S (PSYC 240S). Study of causes, characteristics, assessment and treatment of emotional, social and intellectual disorders. The age span studied will range from infancy through adolescence.

U 348 (PSYC 385) Psychology of Family Violence 3 cr. Offered spring. Prereq., PSYX 100S (PSYC 100S); recommended prereq., PSYX 222 (PSYC 220) and 340S (PSYC 330S). Same as WGS 385. Exploration of theoretical explanations for the presence of violence in American families; research and interventions in such areas as child physical and sexual abuse, battering of women, marital rape, spousal homicide, etc.

U 352 (PSYC 372) Comparative Psychology 3 cr. Offered autumn. Prereq., PSYX 250N (PSYC 270N). Advanced evaluation and analysis of animal behavior through the synthesis of theory, research, and methods found in comparative psychology, behavioral biology, ethology, and sociobiology.

U 356 (PSYC 371) Human Neuropsychology 3 cr. Offered spring. Prereq., PSYX 250N (PSYC 270N). Study of the organization of the nervous system, functional neuroanatomy, neuropathology, neurological disorders, behavioral neurology, and clinical neuropsychology.

U 360S (PSYC 350S) Social Psychology 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S). Individual behavior as a function of interpersonal interaction.

U 362 (PSYCH 352) Multicultural Psychology 3 cr. Offered autumn evennumbered years. Current theories and research on culture, race, and ethnicity, and how the sociocultural context influences psychological processes.

U 376 (PSYC 337) Principles of Cognitive Behavior Modification 3 cr. Offered intermittently. Prereq., PSYX 100S (PSYC 100S), 270S (PSYC 260S). Study of basic principles, assumptions, methodology and applications of behavior modification. Discussion of current literature relevant to behavioral assessment and treatment of major psychological disorders.

U 377 (PSYC 301) Personalized Student Instruction 3 cr. Offered every term. Prereq., PSYX 100S (PSYC 100S), consent of instr., and 3.0 GPA. Experience with the personalized student instruction method of teaching, gained through participating as a proctor in the introductory psychology course.

U 378S (PSYC 335S) Intro to Clinical Psychology 3 cr. Offered intermittently. Prereq., PSYX 100S (PSYC 100S) and 340S (PSYC 330S). Clinical psychology as a science and a profession. Theoretical models and techniques of assessment and intervention. Case illustrations.

U 385S (PSYC 351S) Psychology of Personality 3 cr. Offered intermittently Prereq., PSYX 100S (PSYC 100S). Introduction to theories and research in personality. Intensive survey of theoretical concepts and a detailed examination of experimental methods and experiments in the field of personality.

U 391 (PSYC 395) Special Topics Variable cr. (R-6) Offered intermittently. Prereq., nine credits in psychology and consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

U 392 (PSYC 396) Independent Study 1-3 cr. (R-3) Offered every term. Prereq., junior or senior standing and consent of instr.

U 397 Advanced Supervised Research 1-3 cr. (R-3) Offered every term. Prereq., 12 credits in psychology including PSYX 297 (PSYC 297) and consent of instr.

U 398 Internship 1-3 cr. (R-3) Offered every term. Prereq., consent of department chair. Extended classroom experience which provides practical application of classroom learning during placements off campus. Prior approval must be obtained from the faculty supervisor and the Internship Services office. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

U 399 Upper-Division Elective Variable cr.

UG 400 History and Systems in Psychology 3 cr. Offered every term. Prereq., 15 credits in psychology. Origin and development of basic concepts and methods in scientific psychology.

UG 435 Clinical Topics in Rural Bioethics 3 cr. Offered autumn. The class focuses on ethical issues that emerge and complicate decision making when providing health care and human services in rural settings.

UG 436 Ethical Foundations for Quality Assessment and Improvement 3 cr. Offered intermittently. The class focuses on ethical issues that emerge and complicate decision making when developing and implementing quality assessment and improvement activities.

UG 437 Empirical Ethics Research in Rural and Underserved Settings 3 cr. Offered spring. The class focuses on ethical issues that emerge when developing research protocols and conducting multi-method empirical research in rural settings.

UG 438 Bioethics and Healthcare Policy 3 cr. Offered summer. The class focuses on ethical issues that emerge and complicate decision making when developing, implementing, and assessing the efficacy of health and human service policies in rural and underserved settings.

UG 441 (PSYC 423) Addiction Studies 3 cr. Offered intermittently. Same as SOCI 433 (SOC 423) and SW 423. Examination of chemical dependency and behavioral compulsion, including alcohol and other drugs, gambling, eating disorders, sexual addictions. Ecosystems perspective on etiology, treatment, prevention, family dynamics, community response, and societal contributors.

U 442 (PSYC 485) Counseling Theories in Context 3 cr. Offered autumn. Prereq., PSYX 100S (PSYC 100S). Same as COUN 485 and SW 485. This course introduces students to the primary theories that constitute the intellectual foundation for common counseling and psychotherapy techniques, with a special focus on gender, interpersonal influence strategies and diversity issues.

UG 491 (PSYC 495) Special Topics Variable cr. (R-6) Offered intermittently. Prereq., 12 credits in psychology and consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

U 493 (PSYC 493) Omnibus Variable cr. (R-6) Offered autumn and spring. Prereq., consent of instr. Academic credit for non-traditional educational experiences. Prior approval of a Psychology Department faculty member is required. Independent work under the University omnibus option. See index.

UG 494 (PSYC 494) Senior Seminar Variable cr. (R-6) Offered intermittently. Prereq., nine credits in psychology and consent of instr. Topics of current interest with critical examination of the literature.

U 499 (PSYC 499) Baccalaureate Thesis Variable cr. (R-6) Offered autumn and spring. Prereq., junior or senior standing and consent of instr.

G 501 (PSYC 501) Teaching of Psychology 3 cr. Offered autumn. Prereq., graduate standing in psychology and consent of instr. Exploration and practice of effective teaching techniques.

G 510 (PSYC 510) Trends in Psychological Research 1 cr. Offered autumn. Brief survey of the departmental faculty's ongoing research interests.

G 511 (PSYC 511) Professional Issues 1 cr. Offered autumn. Prereq., graduate standing in clinical psychology. Introduction to the professional role and skills in the clinical psychology field.

G 512 (PSYC 512) Field Placement - Clinical Variable cr. (R-12) Offered every term. Prereq., graduate standing in psychology and consent of instr. Supervised assessment and intervention experience in applied clinical settings.

G 515 (PSYC 515) Psychological Evaluation for Counseling 3 cr. Offered intermittently. Prereq., introduction to measurement and undergraduate statistics. Individual intelligence theory and measurement.

G 520 (PSYC 520) Advanced Psychological Statistics I 3 cr. Offered autumn. Prereq., undergraduate statistics and consent of instr. Introduction to descriptive and inferential



statistics, probability distributions, null hypothesis significance testing, one and two sample techniques, analysis of variance and the general linear model.

G 521 (PSYC 521) Advanced Psychological Statistics II 4 cr. Offered spring. Prereq., PSYX 520 (PSYC 520) or consent of instr. Multiple comparisons among means, factorial ANOVA, random effects and mixed models, correlation, simple and multiple regression, analysis of covariance.

G 522 (PSYC 522) Multivariate Statistics 3 cr. Offered autumn. Prereq., PSYX 520 and 521 (PSYC 520 and 521). Introduction to matrix algebra, multivariate analysis of variance, multivariate analysis of covariance, simple slopes in multiple regression, discriminant analysis, canonical correlation, principal components analysis, factor analysis, cluster analysis.

G 523 (PSYC 523) Research Design 3 cr. Offered spring. Prereq., graduate standing in psychology. The examination and application of the principles and methods of experimental and quasi-experimental research design in psychology.

G 524 (PSYC 524) Tests and Measurements 3 cr. Offered autumn. Prereq., graduate standing in psychology or education. Introduction to measurement emphasizing correspondence between research and practice. Provides a theoretical and practical basis for evaluating and using measurement data.

G 525 (PSYC 525) Psychological Evaluation I 3 cr. Offered autumn. Prereq., undergraduate statistics and consent of instr. Individual tests of aptitudes and intellectual abilities; psychometric considerations in clinical assessment; objective personality assessment.

G 526 (PSYC 526) Psychological Evaluation II: Applications and Objective Methods 3 cr. Offered spring. Prereq., enrollment in doctoral program in psychology and consent of instr. Objective methods in psychological assessment; psychological evaluation techniques in the clinical context.

G 530 (PSYC 530) Clinical and Diagnostic Interviewing and 3 cr. Offered autumn. Prereq., graduate standing in clinical psychology, school psychology, or counseling. Microcounseling skills development through interactive practice and feedback.

G 531 (PSYC 531) Principles of Psychopathology Intervention 3 cr. Offered autumn. Prereq., enrollment in doctoral program in clinical or experimental psychology. The philosophical and scientific bases of major systems of psychotherapy are reviewed. Psychotherapy research methods, issues, and findings are introduced.

G 532 (PSYC 532) Advanced Psychopathology 3 cr. Offered autumn. Prereq., graduate standing in psychology or consent of instr. Symptoms, etiology, diagnostic criteria and treatment of the major psychological disorders, with an emphasis on current research findings.

G 534 (PSYC 534) Applied Clinical Methodology 1-4 cr. (R-24) Offered every term. Prereq., graduate standing in the clinical program and consent of instr. Theoretical and applied work in a supervised clinical setting.

G 536 (PSYC 536) Advanced Child and Adolescent Exceptionalities 3 cr. Offered spring. Prereq., graduate standing in psychology or consent of instr. Advanced study of the characteristics, etiology, assessment, and treatment of the emotional, social, and intellectual problems covering the span from infancy through adolescence. DSM and Education Code criteria will be compared.

G 540 (PSYC 540) Advanced Developmental Psychology 3 cr. Offered intermittently. Prereq., undergraduate course in developmental psychology or consent of instr. Psychological and behavioral development through the life span.

G 545 (PSYC 545) Field Placement in Human Development 1-6 cr. (R-9) Offered autumn and spring. Prereq., PSYX 540 (PSYC 540) or equiv. Individualized, applied experience working with and/or observing a particular population of interest, including children, adolescents, or older adults. Involves the completion of an independent project, which may comprise program assessment, research proposal development, etc.

G 546 (PSYC 546) History and Theories of Developmental Psychology 3 cr. Offered intermittently. Prereq., PSYX 540 (PSYC 540) or equiv. History, theories, and research in developmental psychology. Consideration of selected topics.

G 550 (PSYC 550) Advanced Social Psychology 3 cr. Offered spring even-numbered years. Prereq., undergraduate course in social psychology or consent of instr. Theory and experiment in the analysis of individual behavior in relation to social stimuli.

G 551 (PSYC 551) Advanced Personality 3 cr. Offered autumn odd-numbered years. Prereq., undergraduate course in personality or consent of instr. Theory and research on human personality and behavior. Emphasis on issues and topics of contemporary importance.

G 560 (PSYC 560) Advanced Learning 3 cr. Offered spring odd-numbered years. Prereq., undergraduate course in learning or consent of instr. Principles and methods pertaining to the acquisition and retention of new behavior.

G 565 (PSYC 565) Advanced Cognition 3 cr. Offered autumn odd-numbered years. Prereq., undergraduate course in perception, cognition, or learning, or consent of instr. Examination of the acquisition of knowledge through perception and learning, the retention of knowledge, and the use of knowledge through thinking and reasoning.

G 571 (PSYC 571) Advanced Physiological Psychology 3 cr. Offered autumn even-numbered years. Prereq., consent of instr. Brain mechanisms and behavior; electrophysiological correlates of behavior.

G 580 (PSYC 580) Principles and Practices of Professional School Psychology 3 cr. Offered autumn. Prereq., graduate standing in school psychology. The theory, role, and function of school psychology as a profession; includes historical precursors and fit with current systems of psychology.

G 582 (PSYC 582) Behavioral Assessment and Intervention 3 cr. Offered autumn. Prereq., graduate standing in psychology or consent of instr. Introduces theoretical and practical applications of behavioral assessment and intervention. Students develop skills using behavioral observation, sampling and intervention design/implementation through supervised experience in applied settings.

G 583 (PSYC 583) Educational Assessment and Intervention 4 cr. Offered spring. Prereq., graduate standing in psychology or education. Develops educational assessment and intervention skills using problem-solving strategies to make educational decisions. Students develop assessment and intervention design/implementation through supervised experience in applied settings.

G 584 (PSYC 584) Group and Crisis Intervention 3 cr. Offered spring even-numbered years. Prereq., graduate standing in psychology. The fundamental principles and evidence-based best practice in addressing child/adolescent mental health issues with implementation of group and/or crisis intervention.

G 587 (PSYC 587) School Psychology Methods 3 cr. (R-9) Offered every term. Prereq., graduate standing in school psychology and consent of instr. Applied school psychology work in a supervised setting.

G 588 (PSYC 588) School Psychology Internship Variable cr. (R-12) Offered autumn and spring. Prereq., enrollment in school psychology program or consent of instr. Supervised work experience in the role and functions of school psychologists.

G 594 (PSYC 594) Seminar Variable cr. (R-12) Offered intermittently.

G 595 (PSYC 595) Special Topics Variable cr. (R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

G 596 (PSYC 596) Independent Study Variable cr. (R-9) Offered autumn and spring Prereq., consent of instr. Assigned readings and other special study projects.

G 597 (PSYC 597) Research Variable cr. (R-9) Offered autumn and spring. Prereq., consent of instr. Independent supervised research projects, other than thesis or dissertation.

G 599 (PSYC 599) Thesis/Research Project Variable cr. (R-9) Offered autumn and spring. Prereq., consent of instr. M.A. thesis or M.A. Research project

G 625 (PSYC 625) Psychological Evaluation III: Projectives and Integration 3 cr. Offered spring even-numbered years. Prereq., graduate standing in clinical program and consent of instr. Projective methods, emphasizing the Rorschach and TAT; integration and reporting of test findings.

G 629 (PSYC 629) Seminar in Measurement and Quantitative 1-3 cr. (R-12) Offered intermittently. Prereq., consent of instr. Advanced treatment of specialized research topics in measurement and quantitative psychology.

G 630 (PSYC 630) Ethics, Professional and Cultural Issues 3 cr. Offered spring. Prereq., enrollment in doctoral program in clinical or experimental psychology. Review of ethical principles and professional standards of psychologists. Analysis of the influence of cultural factors upon professional conduct.

G 631 (PSYC 631) Intervention 3 cr. (R-12) Offered every term. Prereq., graduate standing in the clinical psychology program and consent of instr. Review of clinical research and methodology. Specific treatment interventions are explored for the practitioner and also may serve as a valuable base for engaging in psychological consultation. Each offering will have a unique title.

G 632 (PSYC 632) Current Clinical Topics 3 cr. (R-12) Offered intermittently. Prereq., graduate standing in psychology and consent of instr. Current topics in clinical psychology with reviews of theory, research, and methodology. Each offering will have a unique title.

G 634 (PSYC 634) Advanced Applied Clinical Methodology 1-4 cr. (R-6) Offered every term. Prereq., PSYC 534 (PSYC 534) and consent of instr. Advanced clinical work in a supervised setting.

G 638 (PSYC 638) Clinical Psychology Internship 1-3 cr. (R-6) Offered every term. Prereq., proficiency in clinical techniques. Clinical internship offered by the psychology staff of a hospital, clinic or other approved agency in coordination with The University of Montana Clinical Psychology Program.

G 649 (PSYC 649) Seminar in Developmental Psychology 1-3 cr. (R-12) Offered intermittently. Prereq., consent of instr. Advanced treatment of specialized research topics in developmental psychology.

G 678 (PSYC 678) Seminar in Physiological Psychology 1-3 cr. (R-12) Offered spring even-numbered years. Prereq., consent of instr. Advanced treatment of specialized research topics in physiological psychology.

G 679 (PSYC 679) Seminar in Comparative Psychology 1-3 cr. (R-12) Offered intermittently. Prereq., consent of instr. Advanced treatment of specialized research topics in comparative psychology.

G 680 (PSYC 680) Consultation 3-4 cr. Offered spring even-numbered years. Prereq., graduate standing in school psychology. Theoretical background and case conceptualization in academic and behavioral consultation. Doctoral level also includes a supervised direct experience in applied settings.

G 681 (PSYC 681) Positive Behavior Supports and Ecological Bases of Behavior 3 cr. Offered spring odd-numbered years. Prereq., graduate standing in psychology or education. Examines ecological influences on individual behavior as part of assessment and intervention within this context; describes the features of positive behavior support.

G 683 (PSYC 683) Current Topics in School Psychology 1-3 cr. Offered intermittently. Prereq., graduate standing and consent of instructor. Current topics in school psychology. Each offering will have a unique title.

G 694 (PSYC 694) Seminar Variable cr. (R-12) Offered intermittently.

G 697 (PSYC 697) Advanced Research Variable cr. (R-9) Offered autumn and spring. Prereq., consent of instr. Independent research projects, other than thesis or dissertation.

G 699 (PSYC 699) Dissertation Variable cr. (R-18) Offered every term. Prereq., consent of instr. Doctoral dissertation research activities.

## **Faculty**

### **Professors**

Ann Cook, Ph.D., The University of Montana, 2001 (Research)

Christine Fiore, Ph.D., University of Rhode Island, 1990

Nabil F. Haddad, Ph.D., University of Oklahoma, 1976 (Chair)

Stuart Hall, Ph.D., University of Texas at Austin, 1989

Helena Hoas, Ph.D., Umeå University, Sweden, 1987 (Research)

Rosmary Hughes, Ph.D., University of Houston, 1989 (Research)

Lynne S. Koester, Ph.D., University of Wisconsin, Madison, 1976

Lois Muir, Ph.D., State University of New York at Stony Brook, 1982

David Schuldberg, Ph.D., University of California, Berkeley, 1981

Thomas Seekins, Ph.D., University of Kansas, 1983

Paul S. Silverman, Ph.D., University of Georgia, 1977

Allen Szalda-Petree, Ph.D., The University of Montana, 1990

Richard Van den Pol, Ph.D., Western Michigan University, 1981  
Arlene Walker-Andrews, Ph.D., Cornell University, 1980 (Associate Provost)  
Jennifer Waltz, Ph.D., University of Washington, 1993

### **Associate Professors**

Margaret E. Beebe-Frankenberger, Ph.D., University of California, Riverside, 2000  
Duncan G. Campbell, Ph.D., Washington State University, 2003  
Bryan Cochran, Ph.D., University of Washington, 2003  
Lucian G. Conway III, Ph.D., University of British Columbia, 2001  
Daniel J. Denis, Ph.D., York University, 2004  
Greg R. Machek, Ph.D., Indiana University, 2004  
Craig Ravesloot, Ph.D., The University of Montana, 1995 (Research)  
Wendy E. Shields, Ph.D., State University of New York at Buffalo, 1999  
Gyda I. Swaney, Ph.D., University of Montana, 1997

### **Assistant Professors**

Cameo Borntreger, Ph.D., University of Tulsa, 2006  
Jackie Kibler, Ph.D., University of Kansas, 2001

### **Adjunct Faculty**

Cheryl Van Denburg, Ph.D., The University of Montana, 1993

### **Emeritus Professors**

Charles K. Allen, Ph.D., Ohio State University, 1963  
Laurence H. Berger, Ph.D., University of Washington, 1969  
George C. Camp, Ph.D., University of Illinois, 1971  
Frances A. Hill, Ph.D., Ohio State University, 1965  
John R. Means, Ph.D., University of Colorado, 1965  
David A. Strobel, Ph.D., The University of Montana, 1972  
James A. Walsh, Ph.D., University of Washington, 1963  
Herman A. Walters, Ph.D., Pennsylvania State University, 1962  
John Watkins, Ph.D., Columbia University, 1941  
Janet P. Wollersheim, Ph.D., University of Illinois, 1968