KINE 0352 (F,S) 3 hrs. cr.  
Administration in Health Promotion  
Provides students with the skills and knowledge necessary to design organize and implement appropriate health promotion programs. Required and limited to students seeking a degree in Health Promotion and Wellness. Prerequisites: KINE 113 and KINE 295.

KINE 0355 (Su) 1 hr. cr.  
Lifetime Sports Academy Practicum  
A one-week practicum designed to provide students with practical teaching experience of children in lifetime sports and recreational activities. The Lifetime Sports Academy is held annually on the campus of Missouri Southern State University during the second week of June and is open to all elementary-aged children. Required of Physical Education majors. Can be repeated once for additional credit.

KINE 0365 (F) 2 hrs. cr.  
Psychological Aspects of Physical Education  
Behavior exhibited in the learning of skills and physical performance related to psychological concepts connected with the demands of physical activities. Particular attention given to self-efficacy, motivation and participation and their effect on physical performance and personal wellness.

KINE 0366 (S) 2 hrs. cr.  
Social Aspects of Physical Education  
Knowledge of the sociological aspects of physical activity relevant to physical education in schools. Particular attention given to the role of physical activity in social, ethical and moral development of citizens.

KINE 0370 (F,S) 3 hrs. cr.  
School Health Education (Writing Intensive)  
This course provides the background information and skills teachers need to implement comprehensive school health education at the grade levels in which they are certified. Prerequisite: EDUC 329 or concurrent enrollment in EDUC 329.

KINE 0375 (F,S) 2 hrs. cr.  
Adapted Physical Education (Writing Intensive)  
Provides information and strategies to assist professionals in designing and implementing appropriate physical activity programs for individuals with disabilities.

KINE 0385 (F,S,Su) 3 hrs. cr.  
Nutrition for Human Development  
Students will examine nutrition associated with human development and performance. Emphasis on the physiological and biochemical basis of nutrient absorption and utilization. Particular attention will be given to evaluating and developing strategies for optimal nutrition at various life stages. Prerequisite: any biology or chemistry course.

KINE 0395 (F,S) 2 hrs. cr.  
Practicum in Wellness  
Students will gain experience in planning, implementing and evaluating various aspects of health promotion programs. Knowledge of wellness programs will be enhanced by the development and refinement of skills appropriate to the discipline. Out of class opportunities will include working with the Missouri Southern Wellness Program and/or the community. Prerequisite: KINE 295.

KINE 0431 (F,S) 2 hrs. cr.  
Physiology of Exercise  
Study of the effects of acute and chronic exercise on the systems of the body. Emphasis on metabolism, nutrition and human performance. Prerequisite: BIO 201.

KINE 0432 (F,S) 2 hrs. cr.  
Physiology of Exercise Laboratory  
Lab activities with emphasis on instrumentation and techniques used in the assessment of the physiological response to exercise. Required course for Health Promotion and Wellness majors. Prerequisite: BIO 201.

KINE 0438 (F,S) 1 hr. cr.  
Applications in Physical Education  
This course is designed to prepare physical education candidates for the teaching profession. Emphasis will be on developing the electronic portfolio, preparing a yearly curriculum and addressing issues within the profession. Restricted to Physical Education majors. Prerequisites: Completion of all course work in Health Promotion and Wellness degree, application for experience at least one semester in advance and consent of department.

KINE 0495 (F,S,Su) 6 hrs. cr.  
Internship in Wellness  
Extensive, off-campus internship providing opportunity for students to be an integral component of a wellness or health promotion facility. Students and on-site supervisor will develop a contractual agreement that provides specific learning experiences for the internship. Prerequisites: Health Promotion and Wellness major, application for experience at least one semester in advance and consent of department.

KINE 0498 (F,S) 1-3 hrs. cr.  
Seminar in Health or Physical Education  
A thorough study of an advanced problem in health or physical education for selected students. Prerequisites: senior standing and permission of department head.

KINE 0499 (F,S) 1-3 hrs. cr.  
Independent Study  
Research of a problem or field of study relating to kinesiology. Material, content, credit and schedule to be arranged by the department head. Prerequisites: senior standing, 3.0 GPA in major and permission of department head.

Faculty  
McDermid – Head, Adamopoulos, Cathey, A. Cole, C. Cole, Huffman, Kostan

Mission  
The Psychology Department at Missouri Southern provides an education in the diverse field of Psychology. The core of the Psychology curriculum reflects the breadth of the field and exposes students to new developments, while allowing students to pursue individual academic interests. The department maintains a special emphasis on research and prepares students to effectively analyze, synthesize and present information about the science of behavior and mental processes. Our mission is to help students develop the critical thinking and communication skills they can use in their careers.
The Psychology Department offers two degrees: the Bachelor of Arts (BA) and the Bachelor of Science (BS). Both degrees have the same General Education and psychology course requirements. In addition, the BA includes an emphasis on foreign language and the BS includes an emphasis in science. Both degrees prepare students for careers that require a broad liberal arts education at the bachelor's level. Recent graduates with both degrees have entered careers in human and social services, research and business. The BA and BS degrees provide an excellent foundation for students who wish to earn advanced graduate degrees or go to professional school. Almost half of the recent graduates have entered into graduate programs.

The Psychology Department also provides courses to meet the needs of other majors. PSY 100 fulfills a General Education Requirement. Students may also earn a minor in psychology.

In order to graduate with a major in Psychology, a student must meet the following three requirements:
1. Earn a 2.50 or above overall GPA.
2. Earn a 2.50 or above in the Psychology major.
3. Successfully complete online training in academic integrity and then sign a pledge, after the online training, to indicate that the student: a) understands the issues related to plagiarism and cheating; b) will uphold high standards of academic integrity; and c) may not be allowed to continue taking psychology courses if found to have cheated or plagiarized.

Student Organizations
Psychology Club is open to all students who are interested in psychology. The club provides an informal setting for students to learn more about psychology. The club sponsors a wide variety of social and intellectual activities each semester.

Psi Chi - The International Honor Society in Psychology recognizes academic excellence and stimulates further scholarship. Psi Chi members are invited to participate in national and regional professional events. Locally, the Psi Chi members share many activities with the Psychology Club.

Bachelor of Arts in Psychology
Major Code PY01

Semester Hours
General Education Requirements (p. 49) 46-47*  . . . . . . . . 43-44
Psychology Requirements ............................................. 46-48
PSY 100 General Psychology * ................................. 3
PSY 205 Child & Adolescent Development (4)
OR BOTH
PSY 200 Child Development (3)
AND
PSY 201 Adolescent Development (3) .......... 4 or 6
PSY 320 Applied Statistics ................................. 3
PSY 325 Computers in the Behavioral Sciences .................... 3
PSY 330 Experimental Psychology ...................... 5
PSY 386 Conditioning & Learning ............................ 3
PSY 341 Social Psychology
OR
PSY 422 Theories of Personality .............................. 3
PSY 390 Junior Seminar ........................................ 1
PSY 411 Sensation & Perception
OR
PSY 415 Animal Behavior
OR
PSY 442 Physiological Psychology ......................... 3

Psychology Electives .................................................. 9
The Psychology elective requirement will be met by completing 9 hours of additional Psychology courses, of which 6 hours must be in upper-division courses, 300-level or above. No more than 3 hours of PSY 499 may be used to fulfill the Psychology elective requirement. PSY 105, 120, 200, 201 and 205 cannot be used as elective courses.

Supporting Area ..................................................... 15
The supporting area requires at least 15 hours in one discipline. It is possible, with approval of the adviser and the department head, to use a combination of areas.

Foreign Language (12 hours in one language) .................... 12

Additional hours to meet the program total.
Total ......................................................... 124 minimum
* PSY 100 satisfies major requirements and three hours of General Education Requirements.

Bachelor of Science in Psychology
Major Code PY00

Semester Hours
General Education Requirements (p. 49) 46-47*  . . . . . . . . 43-44
Psychology Requirements ............................................. 46-48
PSY 100 General Psychology * ................................. 3
PSY 205 Child & Adolescent Development (4)
OR BOTH
PSY 200 Child Development (3)
AND
PSY 201 Adolescent Development (3) .......... 4 or 6
PSY 320 Applied Statistics ................................. 3
PSY 325 Computers in the Behavioral Sciences .................... 3
PSY 330 Experimental Psychology ...................... 5
PSY 386 Conditioning & Learning ............................ 3
PSY 341 Social Psychology
OR
PSY 422 Theories of Personality .............................. 3
PSY 390 Junior Seminar ........................................ 1
PSY 411 Sensation & Perception
OR
PSY 415 Animal Behavior
OR
PSY 442 Physiological Psychology ......................... 3
PSY 432 Abnormal Psychology ............................... 3
PSY 433 Memory & Cognition ............................... 3
PSY 481 Senior Thesis ........................................... 3

Psychology Electives .................................................. 9
The Psychology elective requirement will be met by completing 9 hours of additional Psychology courses, of which 6 hours must be in upper-division courses, 300-level or above. No more than 3 hours of PSY 499 may be used to fulfill the Psychology elective requirement. PSY 105, 120, 200, 201 and 205 cannot be used as elective courses.

Supporting Area ..................................................... 15
The supporting area requires at least 15 hours in one discipline. It is possible, with approval of the adviser and the department head, to use a combination of areas.
Science  ...................................... 9
Additional hours of science, computer science or math that do not fulfill any other requirements. These include courses from: Bio, Chem, Math, Geol, EH, Phys, CIS and MM 237.

Additional hours to meet the program total.
Total  .................................... 124 minimum
* PSY 100 satisfies major requirements and 3 hours of General Education requirements.

Minor in Psychology
Minor Code PY80

PSY 100  General Psychology  .................. 3
PSY 320  Applied Statistics  ..................... 3
Psychology Electives**  .......................... 15
Total  ...................................... 21

**Select with approval of a psychology adviser. A psychology adviser will help students with a minor in psychology to select courses appropriate to their goals.

For additional information contact:
Dr. Robert McDermid
Office: Health Sciences 234
Phone: 417.625.9768
Email: mcdermid-r@mssu.edu

Course Descriptions

PSY 0100  (F,S)  3 hrs. cr.
General Psychology
Introductory course stressing the importance of the psychological mechanisms underlying all human behavior. Honors: The same topics as General Psychology above. Designed and specially taught for Honors students.

PSY 0200  (F,S)  3 hrs. cr.
Child Development
The course covers development from conception to late childhood, including physical, cognitive, emotional and social development. Theories and methods of developmental psychology will be discussed. Prerequisite: PSY 100 with a minimum grade of ‘C’. No credit will be given if PSY 205 has been completed.

PSY 0201  (F,S)  3 hrs. cr.
Adolescent Development
The course covers development from puberty to early adulthood including physical, cognitive, emotional and social development. Theories and methods of developmental psychology will be discussed. Prerequisite: PSY 100 with a minimum grade of ‘C’. No credit will be given if PSY 205 has been completed.

PSY 0205  (F,S)  4 hrs. cr.
Child & Adolescent Development
Various aspects of human development from conception, infancy, childhood, transcence to adolescence will be examined, including, physical, emotional, social and cognitive development. Emphasis is given to theoretical framework its practical implications. Cross-cultural variety will be included wherever appropriate. Prerequisites: PSY 100 with a minimum grade of ‘C’. One hour credit will be given if PSY 200 or PSY 201 have been completed.

PSY 0221  (F,S)  3 hrs. cr.
Personal Adjustment
The course addresses selected principles of adjustment, ways of coping and research of practical value. Topics include the nature and management of stress, interpersonal communication, relationship dynamics, self concept and the connection between physical and mental health.

PSY 0282  (F)  3 hrs. cr.
Applied Behaviorism
Techniques of modifying behavior through principles developed by learning psychology. Emphasis on design and implementation of behavioral strategy in the laboratory, as well as practical settings. Prerequisite: PSY 100 with a minimum grade of ‘C’.

PSY 0298  (Demand)  1-3 hrs. cr.
Topics in Psychology
Designed to give instruction in some area of Psychology not covered in other courses. Prerequisites to be determined by department.

PSY 0310  (F,S)  2 hrs. cr.
Educational Psychology
Psychological problems involved in education and the practical application of psychological principles of teaching. Special emphasis on the learner, the learning process and the learning situation. Prerequisite: PSY 100 with a minimum grade of ‘C’.

PSY 0320  (F,S)  3 hrs. cr.
Applied Statistics for the Behavioral and Natural Sciences
The course includes descriptive and inferential techniques. The analysis and interpretation of data is emphasized. Prerequisites: PSY 100 with a minimum grade of ‘C’ (or permission) and MATH 125, 130 or 131 with a minimum grade of ‘C’.

PSY 0325  (F,S)  3 hrs. cr.
Computers in the Behavioral Sciences
Applications of computers in behavioral sciences with an emphasis on statistical analysis, data collection and report generation. Prerequisite: PSY 320 with a minimum grade of ‘C’.

PSY 0330  (F,S)  5 hrs. cr.
Experimental Psychology  (Writing Intensive)
The research process is the foundation for knowledge in the field of psychology. This laboratory course stresses the acquisition of basic skills in conceiving and carrying out research, as well as analyzing results and writing reports in a professionally acceptable manner. Prerequisites or corequisites with a minimum grade of ‘C’: PSY 325, ENG 101, 102 or 111.

PSY 0341  (F)  3 hrs. cr.
Social Psychology
Introduction to the scientific study of social thinking (how we view ourselves and others), social influence including conformity, persuasion and group influence) and social relations (including prejudice, aggression, attraction and altruism). Prerequisite: PSY 100 with a minimum grade of ‘C’.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 0343</td>
<td>(S)</td>
<td>Human Sexuality</td>
<td>Surveys current research and theory related to human sexuality.</td>
<td>PSY 100 with a minimum grade of 'C'.</td>
</tr>
<tr>
<td>PSY 0386</td>
<td>(F,S)</td>
<td>Conditioning &amp; Learning</td>
<td>Leading theories and research in the field of learning.</td>
<td>PSY 320 with a minimum grade of 'C'.</td>
</tr>
<tr>
<td>PSY 0390</td>
<td>(F,S)</td>
<td>Junior Seminar</td>
<td>For Junior Psychology majors. Information &amp; experiences helpful in making decisions about and preparing for careers, emphasizing preparation for either graduate school or baccalaureate level employment.</td>
<td>PSY 320, ENG 101, 102 or 111.</td>
</tr>
<tr>
<td>PSY 0411</td>
<td>(S-Odd)</td>
<td>Sensation and Perception</td>
<td>Includes classical and modern psychophysical techniques. The physiology of various sensory systems, e.g. vision and audition, are examined in order to appreciate the nature of perception.</td>
<td>PSY 100 and any Biology course with a minimum grade of 'C' in each.</td>
</tr>
<tr>
<td>PSY 0412</td>
<td>(F,S)</td>
<td>Measurement and Evaluation in Education and Psychology</td>
<td>Explores theories and problems of measurement and the assessment of learning. Contemporary and classical approaches to measuring achievement in the educational setting are examined.</td>
<td>PSY 310 with a minimum grade of 'C' or consent of instructor.</td>
</tr>
<tr>
<td>PSY 0415</td>
<td>(F)</td>
<td>Animal Behavior</td>
<td>Research in animal behavior from a phylogenetic perspective. Includes theoretical approaches, ethological methods, ethical concerns, sensory capacities, learning, cognition and social behavior of animals. Field observations and experimental research for each topic. Field trips are planned to supplement lectures and discussions.</td>
<td>PSY 100 and any Biology course with a minimum grade of 'C' in each.</td>
</tr>
<tr>
<td>PSY 0420</td>
<td>(Demand)</td>
<td>Psychology in Film</td>
<td>An advanced course in psychology examining the use of psychological concepts in feature films. Readings will accompany each film and address the significant concepts illustrated. Specific topics will vary.</td>
<td>PSY 100 with a grade of 'C' or better and 6 additional hours of psychology or permission from instructor.</td>
</tr>
<tr>
<td>PSY 0422</td>
<td>(S)</td>
<td>Theories of Personality</td>
<td>Survey of major contemporary theories of personality, issues of personality assessment and current research.</td>
<td>PSY 100 with a minimum grade of 'C' and junior standing.</td>
</tr>
<tr>
<td>PSY 0432</td>
<td>(F,S)</td>
<td>Abnormal Psychology</td>
<td>Recognition and classification of the systems of mental disorders, specifying causes and possible therapeutic techniques. Extensive use of the American Psychiatric Association’s Diagnostic and Statistical Manual of Mental Disorders.</td>
<td>PSY 100 with a minimum grade of 'C'.</td>
</tr>
<tr>
<td>PSY 0435</td>
<td>(S)</td>
<td>Clinical Psychology</td>
<td>Survey of history, current methods, guild issues and future developments of clinical practice. Seminar format with considerable student participation.</td>
<td>Junior standing and 15 hours of psychology with minimum grades of 'C'.</td>
</tr>
<tr>
<td>PSY 0442</td>
<td>(S-Even)</td>
<td>Physiological Psychology</td>
<td>Structure and function of the nervous system from the individual neuron to the behavior of the organism. The biological basis of movement, sleep, homeostasis, sexual behavior, emotion, learning, language and abnormal behavior will be examined from an ontogenetic and phylogenetic perspective.</td>
<td>PSY 100 and any Biology course with a minimum grade of 'C' in each.</td>
</tr>
<tr>
<td>PSY 0443</td>
<td>(F,S)</td>
<td>Memory and Cognition</td>
<td>Designed to acquaint the student with the classic and current research findings in the field of cognitive psychology. General topics include attention, working memory, long-term memory; knowledge representation and language processing.</td>
<td>Junior standing and 15 hours of Psychology with a grade of 'C' or above.</td>
</tr>
<tr>
<td>PSY 0451</td>
<td>(F,S)</td>
<td>Senior Thesis</td>
<td>Students design and conduct research projects resulting in a written thesis and an oral presentation.</td>
<td>PSY 330, ENG 101, 102 or 111 with a minimum grade of 'C' and Senior standing.</td>
</tr>
<tr>
<td>PSY 0498</td>
<td>(Demand)</td>
<td>Advanced Topics in Psychology</td>
<td>Designed to give advanced instruction in some area not covered in other courses. For upper division majors. Prerequisites to be determined by department.</td>
<td></td>
</tr>
<tr>
<td>PSY 0499</td>
<td>(Demand)</td>
<td>Independent Study</td>
<td>Course structured by adviser with approval of department head. Prerequisite: Advanced standing in major field. Registration must be approved by adviser and department head.</td>
<td></td>
</tr>
</tbody>
</table>