

DON'T MISS IT!!!

**PSYCHFEST 2007
WEDNESDAY, SEPTEMBER 26
3-6 PM
SPARTAN STADIUM
CLUB LEVEL**

**Watch for: Undergraduate Seminars Starting in
September**

**PSA & PSI CHI Meetings
Every Other Week
Watch for E-Mail Announcements**

**WATCH FOR 2ND
ANNUAL
"KALEIDOSCOPE OF
CAREERS" PANEL
PROGRAM IN FALL 2007**

**WATCH FOR
INFORMATIONAL
SESSION ON APPLYING
TO GRADUATE PROGRAMS
IN SPRING 2008**

Department of Psychology
100 Psychology Building
Michigan State University
East Lansing, MI 48824-1116

DEPARTMENT OF PSYCHOLOGY

Psychology Handbook

<http://psychology.msu.edu>

College of Social Science
Social, Behavioral, and Economic Sciences
Michigan State University

2007-2008

WELCOME TO PSYCHOLOGY!

Welcome to the Department of Psychology at Michigan State University! Psychology is the largest major on campus and has many exciting opportunities that are available to you. From our number of courses, to our experiential learning activities, you should leave MSU with a very comprehensive degree!

This Handbook is intended for students who have declared Psychology as their major during the 2007 – 2008 academic year. As a new student majoring in Psychology, you will need to understand and learn the requirements for your degree as well as the resources available to you on our campus. We hope that this Handbook will help you navigate these requirements and available resources.

In addition to this Handbook, you should utilize the Psychology and University websites. The Psychology website, www.psychology.msu.edu, contains valuable information that will help you select PSY courses, careers, areas of interest to investigate, graduate schools, workshops, and fulfill degree requirements. The University website, www.msu.edu, will offer you calendars, highlights, course descriptions, people search, schedule of courses, computer enrollment, and much more.

The official guide for degree requirements can be found in the Academic Programs Book or at www.reg.msu.edu/UCC/academicprograms.asp.

We are here to help you in any way! We hope to see you at least once a semester. Don't miss out on advice and guidance for course selection and your career!

The Psychology Advisors and Staff

| |
|--|
| <p>Undergraduate Psychology Advising Center 100 Psychology Building East Lansing, Michigan 48824-1116 Phone: (517) 353-7271 Fax: (517) 355-5139</p> |
|--|

PROGRAM REQUIREMENTS AND SCHEDULING

Please note that you bear ultimate responsibility for knowing and fulfilling graduation requirements. It is therefore essential that you use all of the University publications available to you. These include the:

- ◆ **Academic Programs:** www.reg.msu.edu/UCC/AcademicPrograms.asp, for rules and procedures
- ◆ **Description of Courses:** www.reg.msu.edu/Courses/search.asp, for course information and prerequisites
- ◆ **Schedule of Courses:** www.ntweb8.ais.msu.edu/ScheduleBook/HeadingsBlank.asp, to plan schedule and look up section numbers
- ◆ **Enrollment:** www.reg.msu.edu/roinfo/enrollment.asp, to schedule classes

CAREER INFORMATION:

- ◆ **O*NET On-Line:** online.onetcenter.org/ for descriptions of careers— nature of the work, salary information, and much more
- ◆ **Dictionary of Occupational Titles (DOT):** www.occupationalinfo.org/ for descriptions of numerous occupations
- ◆ **United Way volunteer opportunities** anywhere in the USA: <http://www.volunteersolutions.org> You can locate volunteer opportunities in your hometown or nearby that you could possibly do over the summer.
- ◆ **Careerbuilder:** www.careerbuilder.com for job opportunities across the country
- ◆ **Career Services and Placement:** www.csp.msu.edu for MSU career information and services
- ◆ **College of Social Science Careers:** www.socialscience.msu.edu Career information, click current student

PSYCHOLOGY INFORMATION

- ◆ **MSU Psychology Website:** www.psychology.msu.edu
- ◆ **American Psychological Association:** www.apa.org
- ◆ **Psychopathology Information:** www.psychopathology.org
- ◆ **Industrial/Organizational Psychology:** www.siop.org,
www.aomonline.org/, www.shrm.org
- ◆ **Community Psychology:** www.cmmtypsych.net/, www.scra27.org
- ◆ **Cognitive Psychology:** www.cognitivesciencesociety.org,
www.psychologicalscience.org, www.psychonomic.org
- ◆ **Behavioral Neuroscience:** www.isdp.org, www.prias.org
- ◆ **Social Psychology:** www.socialpsychology.org, www.sesp.org

STUDENT RESOURCES

CAREER DEVELOPMENT CENTER

113 Student Services Building
<http://www.csp.msu.edu/>
517-355-9510

CENTER FOR SERVICE -LEARNING AND CIVIC ENGAGEMENT

30 Student Services Building
<http://www.servicelearning.msu.edu/>
517-353-4400

COUNSELING CENTER

207 Student Services Building
<http://www.couns.msu.edu/>
517-355-8270

FINANCIAL AID

252 Student Services Building
<http://www.finaid.msu.edu/>
517-353-5940

LEARNING RESOURCES CENTER

202 Bessey Hall
<http://www.msu.edu/~lrc/>
517-355-2363

OFFICE OF THE REGISTRAR

150 Administration Building
<http://www.reg.msu.edu/>
517-355-3300

OFFICE OF SUPPORTIVE SERVICES

209 Bessey Hall
<http://www.msu.edu/~oss/>
517-353-5210

OMBUDSMAN

129 N. Kedzie Hall
<http://www.msu.edu/unit/ombud/>
517-353-8830

PREPROFESSIONAL RESOURCES

103 Natural Science
http://www.ns.msu.edu/cstudents/undergraduate/preprofessional_advising_index.asp
517-353-8951

RESOURCE CENTER FOR PERSONS WITH DISABILITIES

120 Bessey Hall
<http://www.rcpd.msu.edu/home/>
517-353-9642

STUDENT AFFAIRS

Major changes for *freshman and sophomores* go to:
Undergraduate University Division:
<http://www.msu.edu/dept/uud/>

- North and Off Campus
170 Bessey, 517-355-3515
- East Campus
229 E. Akers, 517-353-6387
- Brody Campus
109 Brody, 517-353-3863
- South Campus
S33 Wonders, 517-353-1660

Major changes for *Juniors and Seniors* go to:
College of Social Science
Office of Student Affairs
201 Berkey Hall
517-355-6678
<http://socialscience.msu.edu/>

STUDENT LIFE

101 Student Services Building
<http://www.studentlife.msu.edu/>
517-355-8286

TESTING OFFICE

207 Student Services Building
<http://www.testingoffice.msu.edu/>
517-355-8385

WRITING CENTER

300 Bessey Hall
<http://writing.msu.edu>
517-432-3610

ADVISING

Advising in the Psychology Department is done in many different formats. We offer appointments, walk-in advising and various forms of group advising. Our appointments are scheduled on-line at www.psychology.msu.edu/ugrad, at the Psychology Undergraduate website. Walk-ins are available Monday – Friday from 1:00PM – 4:00PM. Advising takes place in the Undergraduate Psychology Advising Center in Room 100, Psychology Building. Our group advising takes place through our seminars, workshops and multiple events you will have the option to participate in throughout the year.

- Françoise Bigelow, Advisor, bigelowf@msu.edu
- Sally Grady, Advisor, grady@msu.edu
- Sandy Leong, Advisor, leongsan@msu.edu
- Sarah Handspike, Coordinator of Advising and Undergraduate Services, meadsara@msu.edu

E-MAIL

Due to the nature and quantity of e-mails that we receive, we encourage you to meet with us face-to-face when you are looking for detailed information. We welcome e-mails that are simple in nature. For general questions, please e-mail the PSY advisors at psyadvis@msu.edu.

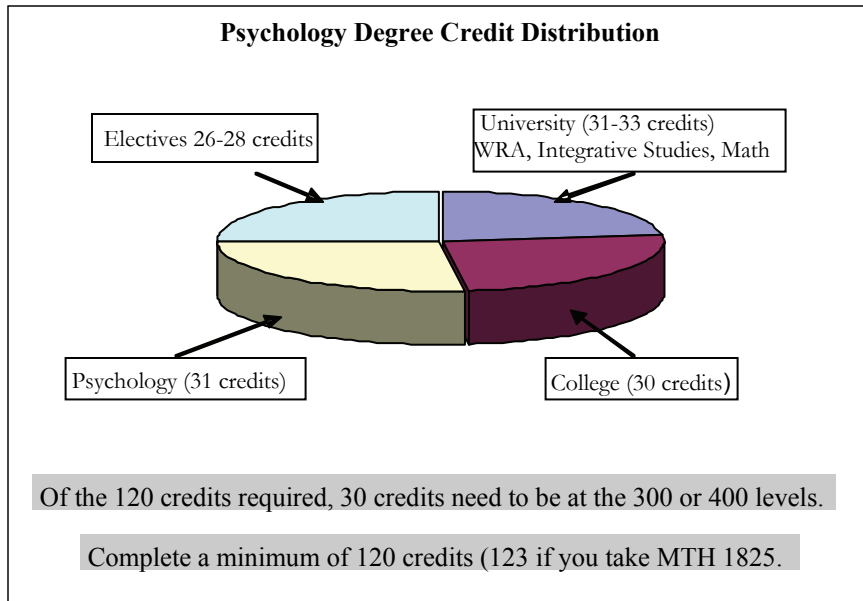
HONORS COLLEGE

Members of The Honors College should meet with their designated PSY Faculty Advisor. PSY Honors information can be found on the PSY website. For questions regarding admissions to the Honors College as a freshman, please direct your questions to The Honors College at www.msu.edu/unit/honcoll/.

- Dr. Kevin Ford, A – K, fordjk@msu.edu
- Dr. Juli Wade, L – Z, wadej@msu.edu

FRAMEWORK FOR PSYCHOLOGY DEGREE REQUIREMENTS

To ensure that you receive an appropriately broad and well-balanced education at MSU, psychology majors must satisfy the requirements of three separate units that represent three administrative levels: the University, the College of Social Science, and the Department of Psychology. You must meet the graduation requirements of each unit. In addition, you will need to choose elective coursework to achieve the minimum number of 120 credits (123 if you take MTH 1825) for a degree. You must complete 30 credits at the 300 or 400 level. An illustration of the degree framework is shown below.



The following is a brief summary of University requirements; however, the *Academic Programs* handbook is the official source for University policy.

- Complete a minimum of 120 credits with a 2.0 or better MSU GPA; 123 credits with MTH 1825.
- Achieve a 2.0 or better Psychology GPA at MSU.
- Complete a minimum of 30 credits at MSU with a minimum of 27 credits on the East Lansing campus after junior status.
- Earn a minimum of 20 credits while in the major.
- Courses used to satisfy specific degree requirements may not be taken CR/NC.
- No more than 10 of a student's last 30 credits may be transferred from a 4-year accredited college/university. PRIOR APPROVAL IS REQUIRED.
- No more than 56 credits will be accepted from a 2-year institution.

Note: Before taking a course at another institution, you should clearly understand the MSU policy on transferability of courses. For more detailed information, go to www.admis.msu.edu/transfer.asp and consult with your academic advisor.

GRADUATE SCHOOL

If you have been a high-achieving, conscientious student and are motivated to dedicate yourself to a much higher level of scholarly reading, writing, and research in a specific field, you may be a good candidate for graduate school. You must be able to demonstrate your commitment to academic success by what you have achieved in your undergraduate program. Graduate school is not something you just fall into because you haven't chosen what to do next with your life or because you are worried about employment opportunities or salary. A graduate degree does not guarantee you a job or a high salary.

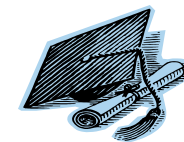
Graduate study in psychology consists of advanced training in a specific area. It should be viewed as professional training for a career, not just an extension of undergraduate courses. Consider very carefully why you want to go to graduate school and what your expectations are. You will also need to know which area of psychology you want to pursue.

Competition for admission is intense. Only the most qualified students are admitted. About 25 percent of psychology majors go on to some form of graduate study. For a good program, meeting the minimum standards for admission is not usually sufficient; you must do more. For example, the minimum GPA for entering most Ph.D. programs is a 3.2, but students who are actually admitted have a much higher GPA (generally a 3.5 or higher). Some programs place more emphasis on the GPA earned during the junior and senior years. Your undergraduate GPA and coursework, Graduate Record Exam (www.gre.org) scores, letters of reference, research and clinical experiences, and personal statement must show that you will be a successful graduate student.

Due to the breadth and diversity of courses in the psychology degree, students can apply to graduate school within the field of psychology or choose to apply to other related programs. Programs that are very popular that are not within our psychology department are: School Psychology, Social Work, Labor and Industrial Relations-Human Resources, Counseling, Sports Psychology, Student Affairs, and Public Policy. Many Psychology majors also choose to go on to professional programs like law and medical school.

Additional information on many of these graduate programs can be found in the Undergraduate Psychology Advising Center, 100 Psychology Building. Check out our Career Connection Series to learn more about what is needed for these programs. There are also graduate school books that can be checked out of the lending library.

Meeting with advisors and faculty is imperative for finding out how to apply to graduate school and to decide whether or not it is a good option for your career plans. Understanding how to get there and what it entails takes time and a lot of planning. Don't wait until it is too late!



CAREER OPTIONS FOR PSYCHOLOGY GRADUATES

Approximately seventy-five percent of psychology graduates go directly into the workforce with a bachelor's degree. Graduates of our department can compete effectively with other students who obtained a general/liberal arts education, as well as those who opted for more specialized curricula. Your performance as a psychology major and your willingness to prepare for a variety of career options will influence your attractiveness to employers and eventual career placement. Preparing for the job market and then building your career take planning and effort over a long period of time. You should take steps each semester, beginning with your freshman year, toward this end. Strive to incorporate the following into your undergraduate experience from a combination of course selections and other activities:

- Ψ Oral and written communication skills
- Ψ Critical thinking
- Ψ Leadership
- Ψ Computer literacy
- Ψ Teamwork
- Ψ Problem solving
- Ψ Research methodology
- Ψ Work experience

CAREER AREAS FOR PSYCHOLOGY GRADUATES

| | | |
|-------------------------|---------------------------------|------------------------------|
| Child/Youth/Elder Care | Human Resources | Residential Services |
| Community Services | Human Services | Retail Management |
| Consulting Services | Manufacturing/Production | Retail/Wholesale Sales |
| Court/Juvenile Services | Market Research | Social Services |
| Customer Services | Government/Legislative Services | Special Populations Services |
| Employee Relations | Personnel/Human Resources | Student/Alumni Services |
| Employment Services | Private/Nonprofit Management | Substance Abuse Services |
| Financial Services | Public Relations/Media Services | Volunteer Services |

GET INVOLVED

STUDENT GROUPS

PSI CHI and Psychology Scholars Association (PSA) hold their meetings together. (The psychology honors society {PSI CHI} membership is by invitation). PSA is open to all students interested in the field of psychology. Contact Sally Grady at 517-353-7271 or grady@msu.edu.
<http://www.psichi.org/> or <http://www.msu.edu/~psichi/>

VOLUNTEERING

The Center for Service-Learning and Civic Engagement provides volunteer opportunities in a variety of contexts. Explore volunteer positions and apply online, or contact them at 517-353-4400, or stop by room 30 in the Student Services Building.
<http://www.servicelearning.msu.edu/>

STUDENT LIFE

Get involved on campus. Become a leader. Check out over 500 student organizations at <http://www.studentlife.msu.edu/>.

UNIVERSITY REQUIREMENTS

WRITING REQUIREMENT—The Tier I writing requirement is fulfilled by successful completion of one WRA course numbered between 110 and 195H, with a minimum grade of 2.0. The Tier II portion of your writing requirement is fulfilled by the completion of a designated 300-400 level course in your major. These course titles are followed by a “W”.

MATHEMATICS REQUIREMENT—Successfully complete MTH 110, 112, 114, 116, 124, 132, or 152H; or STT 200 or 201. Bachelor of Science students must complete a calculus class numbered MTH 124 or higher. See your Psychology Advisor for details and refer to the MSU *Academic Programs* handbook.

INTEGRATIVE STUDIES REQUIREMENT—The Integrative Studies requirement includes the completion of course work in the Arts and Humanities, the Biological and Physical Sciences, and the Social Sciences.

Integrated Studies in Arts and Humanities—8 credits

IAH 201-210

IAH 211+

Integrated Studies in Social Science—8 credits

ISS 2XX

ISS 3XX

Integrated Studies in Biological and Physical Sciences—8 credits

ISB 2XX

ISP 2XX

2 Credits of ISB/ISP Lab

Psychology majors pursuing the B.S. may choose to complete the University Alternative Science Track (see page 9 for details).

INTEGRATIVE STUDIES CREDIT REQUIREMENT—Students must complete 24 credits in the Integrative Studies courses (IAH, ISS, ISB, ISP, and lab). Transfer students starting Fall semester of 2007 or before are only held to 23. However, they must still have 2 credits of lab experience.

DIVERSITY REQUIREMENT—Students must include at least one “N” course (National) and one “I” course (International) in their Integrative Studies programs. A “D” course (Diversity) may meet either an “N” or an “I” requirement but not both. The letter will be found after the course title.

DEPARTMENT OF PSYCHOLOGY REQUIREMENTS

Complete a minimum of 31 credits in Psychology with a minimum 2.0 PSY GPA.

Required: PSY 101 Introductory Psychology
PSY 295 Data Analysis in Psychological Research
PSY 395 Research Design, Test Construction, and Measurement

Choose one from: PSY 200 Cognitive Psychology
PSY 209 Brain and Behavior

Choose one from: PSY 235 Social Psychology
PSY 236 Personality
PSY 244 Developmental Psychology: Infancy Through Childhood

Choose one from: PSY 255 Industrial and Organizational Psychology
PSY 270 Community Psychology
PSY 280 Abnormal Psychology

Choose one from: PSY 401 Memory and Skill (W)
PSY 402 Sensation and Perception (W)
PSY 403 Lab in Cognitive Psychology
PSY 405 History of Modern Psychology (W)
PSY 409 Psychobiology of the Life Span (W)
PSY 410 Neurobiology of Learning and Memory (W)
PSY 411 Psychobiology of Motivation (W)
PSY 413 Lab in Behavioral Neuroscience (W)
PSY 414 Psychology of Language (W)
PSY 424 Child and Family Psychopathology (W)
PSY 440 Attitudes and Social Cognition (W)
PSY 441 Interpersonal Behavior and Groups (W)
PSY 442 Stereotypes, Prejudice, and Discrimination (W)
PSY 450 Thinking Critically about Psychology (W)
PSY 455 Personnel Research Techniques (W)
PSY 475 Personality Theories (W)
PSY 493* Issues in Psychology (W)

(W) indicates a Tier II Writing course.

Required: Elective courses in Psychology to reach 31 credits. The elective courses in Psychology can come from independent study (PSY 490 & 491), practicum (PSY 371/372), internship (PSY 381/382) or elective classes not listed above (PSY 239- Psychology Of Women, 290-Psychology Careers, 310-Psychology and Biology Of Human Sexuality, 320-Health Psychology, 330- Personality: A Psychoanalytic Perspective, 344-Developmental Psychology: Adolescence & Youth, 492-Special Topics in Psychology). You may also select additional courses from the above categories.

*PSY 493 expanded descriptions and prerequisites are also available on the Psychology undergraduate website. Each section of PSY 493 covers a different topic.

EXPERIENTIAL LEARNING FOR CREDIT

An internship or practicum provides an opportunity to explore career possibilities and to develop communication and organizational skills. Many employers expect college graduates to have practical, work-related experience. Learning about the world of work and making contacts in your chosen field are essential tools for landing your first job. Instructor permission is required for these courses.

ADOLESCENT DIVERSION PROJECT

PSY 371/372 (8 credits)

The Adolescent Diversion Project is a two-semester commitment in which the student is trained and then mentors an adolescent involved in the juvenile justice system.

This opportunity is offered every semester.

Contact **Sean Hankins** at 517-355-9519 or hankinss@msu.edu.

<http://www.msu.edu/course/psy/371/>

PSYCHOLOGY INTERNSHIP

PSY 381/382 (9-15 credits)

This course is a two-semester commitment. PSY 381 is in the spring and is a training and theory course. In PSY 382, students apply theory to practice. This internship is offered online in the summer. Internships are required to be in the human services field. Contact **Sarah Handspike** at 517-353-7271 or meadsara@msu.edu OR contact **Cris Sullivan** at 353-8867 or sulliv22@msu.edu for more information.

COLLEGE OF SOCIAL SCIENCE INTERNSHIP

SSC 493 (3-12 credits)

Internships are offered through the College of Social Science in various areas of interest depending on your career goals. Contact Shari Cisco at 517-353-6783 or

ciscos@msu.edu.

<http://www.socialscience.msu.edu/current/internship.html>

Another opportunity for credit is independent study. Independent studies are important for students planning to apply for graduate school. This experience gives students great opportunities to work with faculty in the research environment.

INDEPENDENT STUDY

PSY 490/491 (1-12 credits)

Research opportunities are advertised on the Psychology web page. It is also possible to contact a faculty member directly to set up an independent study in an area that interests you. Visit our web page (under Degree Enhancements) at:

<http://www.psychology.msu.edu/undergrad>

College Restrictions on Experiential Learning

The total of independent study, practicum, internship, and field experience credits may not exceed 20 credits combined. If you have questions, contact a Psychology Advisor.

- ◆ A maximum of 12 credits of independent study may be applied toward the degree.
- ◆ A maximum of 12 credits in internship, field experience, and practicum courses combined may be applied toward the degree. PSY 371/372 and 381 do not count against this limit.

GENERAL ELECTIVES

General Electives are any courses that do not meet any specific course requirement. This is your chance to explore and expand your knowledge in other areas of interest. Psychology students usually have 26-28 credits of general electives. These courses will count toward the 120/123 minimum credits required for graduation. Elective courses taken at the 300+, will also satisfy the upper level requirement. Excess credits from University, College or PSY requirements are considered General Electives, also. When completing electives, you can take a diversity of courses from all different disciplines. If you would rather have them more focused, you may choose to complete a specialization, additional major, or second degree.

Some of the more popular departments Psychology majors select from are:

| | |
|------|--|
| CEP | Counseling, Educational Psychology and Special Education |
| COM | Communication |
| EAD | Educational Administration |
| KIN | Kinesiology |
| IDES | Interior Design |
| TE | Teacher Education |
| ACC | Accounting |
| JRN | Journalism |
| PRR | Parks , Recreation and Tourism Resources |
| TC | Telecommunication |
| ADV | Advertising |

SPECIALIZATION

Specializations can be found on the MSU website at <http://www.msu.edu/ucc/specializations.asp>. Specializations are usually between 15-20 credits. These courses can be from all different departments. Some popular specializations for PSY majors are *Health Promotion, Coaching, Women's Studies, Peace and Justice, and Dance*. Completed specializations are listed on your transcript. There is a binder in the Undergraduate Psychology Advising Center that has requirements and handouts for many of the specializations.

ADDITIONAL MAJOR

Another option available to psychology majors is completing an additional major in another discipline. An additional major is noted on your final transcript. Most disciplines offer an additional major, though the requirements for each can be very different. Most additional majors range between 24-60 credits. You should contact the academic advisor in the discipline you are interested in for more information and to sign up.

SECOND DEGREE

Second degrees are available for students wanting two diplomas. The University requires students pursuing a second degree to do a minimum of 30 credits beyond their first degree. Department and college requirements are usually required to be completed. A second degree can be added by meeting with an advisor in the area of interest.

COLLEGE OF SOCIAL SCIENCE

PSYCHOLOGY BACHELOR OF ARTS

BA

Group I: Courses in the College of Social Science

Select 15 credits from the following departments:

| | |
|--|----------------------------|
| ANP Anthropology | CJ Criminal Justice |
| EC Economics | FCE Family & Child Ecology |
| GEO Geography | HST History |
| PLS Political Science | SOC Sociology |
| SSC 493 College Internship (up to 4 cr.) | SW Social Work |
| UP Urban & Regional Planning | |

Group II: Courses in the College of Arts and Letters

Select 9 credits from the following departments:

| | |
|-----------------------|--|
| AMS American Studies | CLA Classical Studies |
| ENG English | Foreign Languages * |
| HA History of Art | IAH Int. Studies in Arts and Humanities** |
| LIN Linguistics | MUS Music |
| PHL Philosophy | REL Religious Studies |
| ROM Romance Languages | STA Studio Art |
| THR Theater | WRA Writing, Rhetoric & American Cultures (courses 200 and above) |
| WS Women Studies | |

Group III: Courses in the College of Natural Science

Select 6 credits from the following departments:

| | |
|--|--|
| AST Astronomy | BMB Biochemistry and Molecular Biology |
| BS Biological Science | CEM Chemistry |
| ENT Entomology | GLG Geological Sciences |
| ISB Int. Studies in Biological Science** | ISP Int. Studies in Physical Science** |
| LBS Lyman Briggs (see exceptions) | MMG Microbiology & Molecular Genetics |
| MTH Mathematics (see exceptions) | PLB Plant Biology |
| PLP Plant Pathology | PHY Physics |
| PSL Physiology | STT Statistics |
| ZOL Zoology | |

Approved Additional Natural Science Selections:

| | |
|---------------------------------|---|
| ANP 202 Biocultural Evolution | CSE 101 Computing Concepts and Comp. |
| GEO 206 Physical Geography | GEO 203 Introduction to Meteorology |
| GEO 206L Physical Geography Lab | HNF 150 Introduction to Human Nutrition |

Exceptions: The following courses may not apply to the college requirement in Natural Science: LBS 133, 246, 290, 330, 331, 332, 333, 334, 335, 336, 355, 425, 470, 483, 490, 492, 493, MTH 1825, 290, any math enrichment and NSC courses.

*Foreign language does include sign language courses (CEP 341, 441A, 441B...).

**If this course is used to satisfy the University requirement, then the credits may not be counted toward the college requirement.

**COLLEGE OF SOCIAL SCIENCE
PSYCHOLOGY BACHELOR OF SCIENCE**

BS

Group I: Courses in the College of Social Science

Select 9 credits from the following departments:

| | |
|--|----------------------------|
| ANP Anthropology | CJ Criminal Justice |
| EC Economics | FCE Family & Child Ecology |
| GEO Geography | HST History |
| PLS Political Science | SOC Sociology |
| SSC 493 College Internship (up to 4 cr.) | SW Social Work |
| UP Urban & Regional Planning | |

Group II: Courses in the College of Arts and Letters

Select 6 credits from the following departments:

| | |
|-----------------------|---|
| AMS American Studies | CLA Classical Studies |
| ENG English | Foreign Languages* |
| HA History of Art | IAH Int. Studies in Arts and Humanities** |
| LIN Linguistics | MUS Music |
| PHL Philosophy | REL Religious Studies |
| ROM Romance Languages | STA Studio Art |
| THR Theater | WRA Writing, Rhetoric & American Cultures |
| WS Women's Studies | (courses 200 and above) |

Group III: Courses in the College of Natural Science

Select 15 credits from the following departments:

| | |
|-----------------------------------|--|
| AST Astronomy | BMB Biochemistry and Molecular Biology |
| BS Biological Science | CEM Chemistry |
| ENT Entomology | GLG Geological Sciences |
| LBS Lyman Briggs (see exceptions) | MMG Microbiology & Molecular Genetics |
| MTH Mathematics (see exceptions) | PHY Physics |
| PLB Plant Biology | PLP Plant Pathology |
| PSL Physiology | STT Statistics |
| ZOL Zoology | |

Approved Additional Natural Science Selections:

| | |
|---------------------------------|---|
| ANP 202 Biocultural Evolution | CSE 101 Computing Concepts and Comp. |
| GEO 206 Physical Geography | GEO 203 Introduction to Meteorology |
| GEO 206L Physical Geography Lab | HNF 150 Introduction to Human Nutrition |

Exceptions: The following courses may not apply to the college requirement in Natural Science: LBS 133, 246, 290, 330, 331, 332, 333, 334, 335, 336, 355, 425, 470, 483, 490, 492, 493, MTH 1825, 290, any math enrichment and NSC courses.

*Foreign language does include sign language courses (CEP 341, 441A, 441B...).

**If this course is used to satisfy the University requirement, then the credits may not be counted toward the college requirement.

BS ADDITIONAL REQUIREMENTS

Alternative University Science Requirement:

If you choose to complete the Bachelors of Science in Psychology, you may satisfy the University Integrative Studies Requirement with the Natural Science Alternative Track. Courses taken to complete the Alternative Track to Integrative Studies in Biological and Physical Sciences may not apply to the College of Natural Science 15 credit requirement. To complete the Alternative Track requirement, you must complete 8 credits by taking courses that consist of:

- a) One course in Biological Science (BS)
- b) One course in Chemistry (CEM) or one course in Physics (PHY 181B or higher)
- c) Two credits of laboratory experience in Biological or Physical Science

Mathematics Requirement:

A mathematics course at the level of MTH 124 or higher is required. If this course is used to satisfy the University Mathematics requirement, then the credits may not be counted toward the College of Natural Science 15 credit requirement.

Additional Science Requirement:

Choose ONE course from this list to be included in your College of Natural Science 15 credit requirement.

| | |
|------------------|---|
| Neuroscience: | ZOL 402 - Neurobiology ZOL 430 - Neuroendocrine Aspects of Behavior |
| Genetics: | ZOL 141 - Introductory Human Genetics ZOL 341 - Fundamental Genetics ZOL 445 - Evolution |
| Physiology: | PSL 250 - Introductory Physiology PSL 431 - Human Physiology I |
| Animal Behavior: | ZOL 313 - Animal Behavior ZOL 355 - Ecology ZOL 415 - Ecological Aspects of Animal Behavior |

The Bachelor of Science Degree is for students who are interested in the field of science and are successful in these courses. Talk to your advisor about which degree will be best for you and your future plans.