June 30, 2009

MEMORANDUM

TO: Robert Schwab  
Interim Dean, College of Behavioral and Social Sciences

FROM: Phyllis Peres  
Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to modify the B.A. and B.S. programs in Psychology (PCC log no. 08045)

At its meeting on February 6, 2009, the Senate Committee on Programs, Curricula and Courses approved your proposal to modify the curricula of the B.A. and B.S. degree programs in Psychology, pending review of the LEP requirements by Undergraduate Studies. A copy of the approved proposal is attached, including a revised catalog description reflecting the LEP changes.

The changes are effective Fall 2009. The College should ensure that the changes are fully described in the Undergraduate Catalog and in all relevant materials, and that all advisors are informed.

CWR/

Enclosure

cc: Carmen Balthrop, Chair, Senate PCC Committee  
Sarah Bauder, Office of Student Financial Aid  
Reka Montfort, University Senate  
Barbara Hope, Data Administration  
Denise Nadasen, Institutional Research & Planning  
Anne Turkos, Archives  
Linda Yokoi, Office of the Registrar  
Kathy McAdams, Undergraduate Studies  
Katherine Pedro Beardsley, College of Behavioral and Social Sciences  
Marcy Marinelli, Psychology
THE UNIVERSITY OF MARYLAND, COLLEGE PARK
PROGRAM/CURRICULUM PROPOSAL

DIRECTIONS:
- Provide one form with original approval signatures in lines 1 - 4 for each proposed action. Keep this form to one page in length.
- Early consultation with the Office of the Associate Provost for Academic Planning & Programs is strongly recommended if there are questions or concerns, particularly with new programs.
- Please submit the signed form to Claudia Rector, Office of the Associate Provost for Academic Planning and Programs, 1119 Main Administration Building, Campus.
- Please email the rest of the proposal as an MSWord attachment to pcc-submissions@umd.edu.

DATE SUBMITTED 11/20/2008

COLLEGE/SCHOOL BSOS

DEPARTMENT/PROGRAM Psychology

PROPOSED ACTION (A separate form for each) ADD ___ DELETE ____ CHANGE _X_

DESCRIPTION (Provide a succinct account of the proposed action. Details should be provided in an attachment. Provide old and new sample programs for curriculum changes.)

The Department of Psychology is reconfiguring its undergraduate program to better relate to the reorganization of the department. We are also adding a required research methods course into the curriculum. See the attached proposal for required samples of the old and new curriculum.

(Modify the B.A. and B.S. in Psychology)

JUSTIFICATION/REASONS/RESOURCES (Briefly explain the reason for the proposed action. Identify the source of new resources that may be required. Details should be provided in an attachment.)

Since the department has reorganized itself into 5 thematic areas, we believe it makes sense to reconfigure our undergraduate program to better relate to the new departmental organization. In addition, our learning outcomes assessment indicates that research methods is an area where are students have consistently not met standards. As a way to better address this outcome, we are proposing a required research methods course for all majors.

APPROVAL SIGNATURES - Please print name, sign, and date

1. Department Committee Chair
   [Signature]
   11/19/08

2. Department Chair
   [Signature]
   11/19/08

3. College/School PCC Chair
   [Signature]
   11/21/08

4. Dean
   [Signature]
   12/22/09

5. Dean of the Graduate School (if required)

6. Chair. Senate PCC
   [Signature]
   2/6/09

7. Chair of Senate

8. Vice President for Academic Affairs & Provost
   [Signature]
   4/23/09

VPAAP 8-05
Proposed Changes to B.A. and B.S. in Psychology

Executive Summary

The Department of Psychology proposes to revise the degree programs leading to the B.A. and the B.S. in Psychology to reflect recent restructuring the “topic areas” in the unit.

Major features:

- The undergraduate program in Psychology is a Limited Enrollment Program (LEP). Gateway requirements for the LEP include a required supporting course sequence of a math and a science course, plus PSYC 100 (no change).
- The general relationship of the two degree programs remains the same: all students complete requirements for the B.A.; those who seek the B.S. must take additional coursework in math and science. There is no change to the overall number of PSYC credits required for the B.A. (35 credits), and no changes to the additional B.S. requirements.
- The revised degree programs now define a **foundation sequence** of three courses:
  - PSYC100 (already required for the gateway/major)
  - PSYC200 (already required for the major)
  - PSYC300, a **new research methods course**, which responds to learning outcomes assessments indicating that students struggled in this area.
- Students still have a “breadth requirement,” but **topical areas have been reorganized from four areas to three**. The new areas are: *Mind, Brain and Behavior; Mental Health and Interventions; and Social, Developmental and Organizational Processes*. Students must take at least two courses from each area for a minimum of 18 credits. Of these courses, two must be 400-level non-lab courses, and two must be 400-level lab courses.
I. Overview and Rationale

The Department of Psychology currently offers both a Bachelor of Arts and a Bachelor of Science in Psychology. The majority of students pursue the B.A. degree, but those seeking admission to a research-based graduate program or medical school often seek the B.S. All undergraduate students must complete the program requirements for the B.A. degree; students seeking the B.S. also complete additional coursework in math and science.

The changing nature of the field of psychology suggests that it is time that we take a look at our undergraduate degree programs to ensure that we are providing excellent and up-to-date preparation for our undergraduate majors. The field of American psychology has evolved and there is much more emphasis on behavioral neuroscience and its impact on human behavior than there has been in the past. In addition, the reorganization of the Department of Psychology into five research areas has changed the way that the department conducts itself. It is important that we update our academic degree programs and courses to reflect this new departmental structure and to make the linkages between courses more specific. Moreover, our learning outcomes assessment suggests that our students have consistently struggled in the area of research methodology. The proposed revisions address this weakness by requiring a research methods course (PSYC 300) for all students.

II. Current Program

Psychology is one of the most popular undergraduate areas of study on campus with approximately 1100 students in fall 08, and has been designated a Limited Enrollment Program. The Department offers a Bachelor of Arts degree and a Bachelor of Science degree. All students must complete at least 35 credits (11 courses) in Psychology. The required courses include PSYC 100, PSYC 200, at least two 3-credit courses at the 400 level and at least two 4-credit laboratory courses at the 400 level, for a total of 14 credits of 400-level courses. In addition, students must take one course from each of the four current areas in Psychology (Biological and Sensory; Social and Cognitive; Personality & Developmental; and Industrial and Organizational/Individual Differences) and two or more courses in two of the four areas. Attached to this proposal are Advising Worksheets and sample Undergraduate Four Year Plans for both the B.A. and B.S. degrees, respectively.

III. Proposed Revisions

The revised B.A. program includes a 7-8 credit supporting course sequence and 35 credits in PSYC courses. Required courses include:

- Supporting course sequence (LEP gateway courses)
Math (3-4 credits): MATH 111, 140, or 220, with a grade of C (2.0) or higher
Lab Science (4 credits): BSCI 105, BSCI 106, CHEM 131 & 132, or PHYS 121 with a grade of C (2.0) or higher

- Three required foundation courses (9 credits):
  - PSYC 100: Introduction to Psychology (3 credits) with a grade of B (B=3.0) or better (LEP gateway course)
  - PSYC 200: Statistical Methods in Psychology (3 credits)
  - PSYC 300: Research Methods (3 credits)

- Two courses from each of three thematic areas for a total of at least 18 credits, which must include two 400-level non-lab courses. The three thematic areas are:
  - Mind, Brain and Behavior
  - Mental Health and Interventions
  - Social, Developmental, and Organizational Processes.

- Two 400-level lab courses (i.e., 8 credits in lab coursework). Laboratory courses are identified in boldface in the attached listing.

- A fourth category entitled “Additional Courses and Seminars” includes elective courses that count toward the major but not toward the thematic area requirements.

The revised B.S. program will include all requirements of the revised B.A. program above, plus a requirement for students to complete additional coursework for a total of at least 5 courses/17 credits in math and science from an approved list. (There is no change proposed to this requirement.)

IV. Sample Program
Attached are advising worksheets and sample four-year plans for the revised B.A. and B.S. degree programs.

V. New Courses
Several new courses are being developed for the revised programs:
- PSYC 300: Research Methods
- PSYC 456: Social Development (currently being offered as an honors seminar, but we will seek VPAC approval for this new course number during the spring semester.)
- PSYC 445: Psychology of Video Games and Entertainment (approved January, 2009)

VI. Courses Being Deleted
We are deleting the following courses which have not been taught in over five years:
PSYC 451 – Principles of Psychological Testing
PSYC 452 – Psychology of Individual Differences
PSYC 456 – Research Methods in Developmental Psychology
PSYC 458 – Applied Developmental Psychology

VII. Procedure for Implementation
If the revisions are approved, we hope to implement them with the freshman class entering in fall 2009. All current students at UM and students who have matriculated at a community college and transferred to Maryland prior to fall 2009 will be grandfathered under the old
requirements. If approved, we will contact all the Maryland community colleges to make them aware of the changes in the program. A revised description of the Psychology program for the Undergraduate Catalog is attached.
Courses in Revised Psychology Degree Programs

Laboratory courses are listed in bold.

**Foundation Courses**
PSYC 100 – Introduction to Psychology (3) (may substitute AP PSYC)
PSYC 200 – Statistical Methods in Psychology (3)
PSYC 300 – Research Methods (3)

**Thematic Areas**

**Mind, Brain & Behavior**
PSYC 206 – Developmental Biopsychology (3)
PSYC 301 – Biological Basis of Behavior (3)
PSYC 310 – Perception (3)
PSYC 341 – Introduction to Memory & Cognition (3)
PSYC 355 – Developmental Psychology (3)
**PSYC 401 – Biological Basis of Behavior Laboratory (4)**
PSYC 402 – Neural Systems & Behavior (3)
PYSC 403 – Animal Behavior (3)
PSYC 404 – Introduction to Behavioral Pharmacology (3)
PSYC 406 – Neuroethology (3)
**PSYC 407 – Behavioral Neurobiology Laboratory (4)**
PSYC 409 – Special Topics in Neurosciences Seminar (1)
**PSYC 410 – Experimental Psychology: Perception Laboratory (4)**
**PSYC 440 – Experimental Psychology: Cognitive Processes (4)**
PSYC 442 – Psychology of Language (3)
PSYC 443 – Thinking & Problem Solving (3)
PSYC 455 – Cognitive Development

**Mental Health and Interventions**
PSYC 309B – Child Psychopathology
PSYC 318D – Community Interventions: Theory & Research (3)
PSYC 319D – Community Interventions: Service Learning (3)
PSYC 337 – Introduction to Community Psychology
PSYC 353 – Abnormal Psychology (3)
PSYC 432 – Introduction to Counseling Psychology (3)
**PSYC 433 – Basic Helping Skills: Research & Practice (4)**
PSYC 434 – Severe Mental Disorders (3)
PSYC 435 – Personality Theories (3)
PSYC 436 – Introduction to Clinical Psychology (3)
PSYC 437 – Addictive Behaviors (3)

**Social, Developmental and Organizational Processes**
PSYC 221 – Social Psychology (3)
PSYC 332 – Psychology of Human Sexuality (3)
PSYC 334 – Psychology of Interpersonal Relationships (3)
PSYC 336 – Psychology of Women (3)
PSYC 354 – Cross Cultural Psychology (3)
PSYC 356 – Psychology of Adolescence (3)
PSYC 357 – Psychology of Adulthood and Aging (3)
PSYC 361 – Survey of Industrial and Organizational Psychology (3)
PSYC 362 – Introduction to Negotiation

**PSYC 420 – Experimental Psychology: Social Processes (4)**
PSYC 423 – Advanced Social Psychology (3)
PSYC 424 – Communication & Persuasion (3)

**PSYC 450 – Field Research in Organizational Psychology (4)**
PSYC 456 Social Development (currently offered as an honors seminar)
PSYC 460 – Psychological Foundations of Personnel Selection & Training
PSYC 465 – Psychology of Organizational Processes (3)

**Additional Courses and Seminars** (count as elective courses)
PSYC 309A – Get to Know Your Faculty Series (1)
PSYC 309C – Major Transitions (1)
PSYC 309G – Science of Biological Rhythms and Sleep (3)
PSYC 386 – Experiential Learning (1-3)
PSYC 415 – History of Psychology (3)
PSYC 444 – Cyberpsychology (3)
PSYC 445 – Psychology of Video Games & Entertainment (3)
PSYC 463 – Psychology of Motivation & Attitudes in Organizational Settings (3)
PSYC 464 – Psychology of Leaders in Work Organizations (3)
PSYC 468 – Field Experience & Special Assignments in Honors (1-3)
PSYC 469 – Honors Thesis Proposal Preparation (1-3)
PSYC 478 – Independent Study in Psychology (1-3)
PSYC 479 – Special Research Problems in Psychology (1-3)
PSYC 488 – Advanced Psychology I – Honors (3)
PSYC 489 – Senior Seminar (3)
PSYC 498 – Advanced Psychology II- Honors (3)
PSYC 499 – Honors Thesis Research (3)
### PSYCHOLOGY COURSES* PREREQUISITES

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foundation Courses</strong></td>
<td></td>
</tr>
<tr>
<td>PSYC 100 – Intro to Psychology</td>
<td>None</td>
</tr>
<tr>
<td>PSYC 200 – Statistical Methods in Psychology</td>
<td>PSYC 100 and MATH 111, 140 or 220</td>
</tr>
<tr>
<td>PSYC 300 – Research Methods in Psychology</td>
<td>PSYC 200</td>
</tr>
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<tr>
<td>PSYC 301 – Biological Basis of Behavior</td>
<td>PSYC 100 and BSCI 105</td>
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<tr>
<td>PSYC 310 – Perception</td>
<td>PSYC 100, BSCI 105, BSCI 106, CHEM 131/132 OR</td>
</tr>
<tr>
<td>PSYC 341 – Introduction to Memory &amp; Cognition</td>
<td>PSYC 100</td>
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<td>PSYC 355 – Developmental Psychology</td>
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<td>PSYC 401 – Biological Basis of Behavior Laboratory (4)</td>
<td>BSCI 105, PSYC 300 and PSYC 301 and 85 credits</td>
</tr>
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<td>PSYC 402 – Neural Systems &amp; Behavior</td>
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<td>PSYC 407 – Behavioral Neurobiology Laboratory (4)</td>
<td>PSYC 300, BSCI 105 or BSCI 106 and 85 credits; PSYC</td>
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<td>PSYC 409 – Topics in Neuroscience Seminar (1)</td>
<td>PSYC 301 recommended</td>
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<td>PSYC 410 – Experimental Psychology: Perception Laboratory (4)</td>
<td>PSYC 300 and 85 credits</td>
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<td>PSYC 440 – Experimental Psychology: Cognitive Processes Laboratory (4)</td>
<td>PSYC 300 and 85 credits; PSYC 341 recommended</td>
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<td><strong>Mental Health and Interventions</strong></td>
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<td>PSYC 337 – Introduction to Community Psychology</td>
<td>PSYC 100</td>
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<tr>
<td>PSYC 353 – Abnormal Psychology</td>
<td>PSYC 100</td>
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<tr>
<td>PSYC 432 – Introduction to Counseling Psychology</td>
<td>9 credits in PSYC, including PSYC 200</td>
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<tr>
<td>PSYC 433 – Basic Helping Skills: Research &amp; Practice (4)</td>
<td>PSYC 300 and PSYC 334, 353, 432, 434, 435 or 436</td>
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<tr>
<td>PSYC 434 – Severe Mental Disorders</td>
<td>PSYC 200 and PSYC 301 and PSYC 353</td>
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<tr>
<td>PSYC 435 – Personality Theories</td>
<td>PSYC 100 and PSYC 200</td>
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<tr>
<td>PSYC 436 – Introduction to Clinical Psychology</td>
<td>PSYC 200</td>
</tr>
<tr>
<td>PSYC 437 – Addictive Behaviors</td>
<td>PSYC 100 and 9 credits in Psychology</td>
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<td><strong>Social, Developmental &amp; Organizational Processes</strong></td>
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<td>PSYC 221 – Social Psychology</td>
<td>PSYC 100</td>
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<tr>
<td>PSYC 332 – Psychology of Human Sexuality</td>
<td>PSYC 100</td>
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<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>PSYC 334</td>
<td>Psychology of Interpersonal Relationships</td>
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<td>PSYC 336</td>
<td>Psychology of Women</td>
</tr>
<tr>
<td>PSYC 354</td>
<td>Cross-Cultural Psychology</td>
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<td><strong>PSYC 450</strong></td>
<td><strong>Field Research in Organizational Psychology</strong></td>
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<tr>
<td>PSYC 45x</td>
<td>Social Development</td>
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<tr>
<td>PSYC 460</td>
<td>Psychological Foundations of Personnel Selection &amp; Training</td>
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<tr>
<td>PSYC 465</td>
<td>Psychology of Organizational Processes</td>
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</tbody>
</table>

**Additional Courses and Seminars**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>PSYC 309A</td>
<td>Get to Know Your Faculty Series (1)</td>
<td>PSYC 100</td>
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<tr>
<td>PSYC 309C</td>
<td>Major Transitions (1)</td>
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<td>PSYC 309G</td>
<td>Science of Biological Rhythms and Sleep</td>
<td>PSYC 100</td>
</tr>
<tr>
<td>PSYC 386</td>
<td>Experiential Learning (1-6)</td>
<td>Permission of department; junior standing</td>
</tr>
<tr>
<td>PSYC 415</td>
<td>History of Psychology</td>
<td>PSYC 200 and 12 credits in PSYC or permission of department</td>
</tr>
<tr>
<td>PSYC 444</td>
<td>Cyberpsychology</td>
<td>PSYC 100</td>
</tr>
<tr>
<td>PSYC 445</td>
<td>Psychology of Video Games &amp; Entertainment (awaiting VPAC approval)</td>
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<td>PSYC 463</td>
<td>Psychology of Motivation &amp; Attitudes in Organizational Settings</td>
<td>PSYC 200 and PSYC 361</td>
</tr>
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<td>PSYC 464</td>
<td>Psychology of Leaders in Work Organizations</td>
<td>PSYC 361</td>
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<tr>
<td>PSYC 468</td>
<td>Field Experience &amp; Special Assignments in Honors (1-3)</td>
<td>Permission of Department</td>
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<td>PSYC 469</td>
<td>Honors Thesis Proposal Preparation (1-3)</td>
<td>Permission of Department</td>
</tr>
<tr>
<td>PSYC 478</td>
<td>Independent Study in Psychology (1-3)</td>
<td>Permission of Department; 9 credits in PSYC with 3.0 GPA in PSYC, 2.8 cumulative GPA</td>
</tr>
<tr>
<td>PSYC 479</td>
<td>Special Research Problems in Psychology</td>
<td>Permission of Department; 9 credits in PSYC with 3.0 GPA in PSYC, 2.8 cumulative GPA</td>
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<tr>
<td>PSYC 488</td>
<td>Advanced Psychology I – Honors (3)</td>
<td>PSYC 300 and permission of department</td>
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<tr>
<td>PSYC 489</td>
<td>Senior Seminar (3)</td>
<td>PSYC 100</td>
</tr>
<tr>
<td>PSYC 498</td>
<td>Advanced Psychology II – Honors (3)</td>
<td>PSYC 488H or permission of department</td>
</tr>
<tr>
<td>PSYC 499</td>
<td>Honors Thesis Research (3)</td>
<td>PSYC 469 and permission of department</td>
</tr>
</tbody>
</table>

* All courses are 3 credits unless otherwise indicated
### Psychology Major Course Requirements Worksheet

**Required Supporting Course Sequence:**

- **Math**
  - Grade of C or higher is required in MATH 111 or 140 or 220.
  - STAT 100 and MATH 111 are considered a duplication of credit. If you took STAT 100 prior to becoming a PSYC major, please talk with an advisor.

- **Lab Science**
  - Grade of C or higher is required in BSCI 105 or BSCI 106 or CHEM 131 & 132 or PHYS 121.
  - Note that BSCI 103 does NOT satisfy the Lab Science requirement.

- **PSYC 100**
  - Grade of B or higher is required in PSYC 100.
  - Students with AP credit for PSYC 100 substitute PSYC 221 with a B or higher.

**Additional Psychology Coursework**

**Requirements Check List**

- **PSYC 200** after Math Requirement
- One course from each area (including 400's)
- More than one course from any two areas (including 400's)
- Two 400 level non-lab PSYC courses
- Two PSYC labs (after 85 credits)
- A total of 11 PSYC courses (35 credits)

**Bachelor of Science Option:** One math and one lab science from the required supporting course sequence may be used towards Bachelor of Science Degree.

Three additional “advanced” math/science courses:

**Missing PSYC Requirements:**

**Advisor Signature/Date:**

**Student Signature/Date:**
Bachelor of Science Option

Students who wish to pursue the Bachelor of Science degree (B.S.) must complete at least 5 courses/17 credits in mathematics and science. Courses used to satisfy the math/science supporting course sequence, required of all psychology majors, (list A, given below) may be used to satisfy the requirement for the B.S. degree. Please note, however, that all B.S. candidates must complete at least three advanced courses (list B, given below) and at least two lab courses. Use the B.S. checklist on the next page to plan the way you will satisfy these requirements and consult with an advisor if you have any questions. Lab courses are listed in bold.

A. Psychology Supporting Math and Science Courses:
   BSCI 105, 106
   CHEM 131/132 (formerly CHEM103), 113
   MATH 111, 140, 220
   PHYS 121, 122

B. Psychology Advanced Math and Science Courses:

   BCHM: 261, 461, 462, 463, 464, 465, 485


   STAT 400, 401, 405, 410, 420, 430, 440, 464, 470

* Some sections only. Please check with an Advisor

Department of Psychology, UMCP, 1107 Biology-Psychology Building, 301-405-5866

revised: 1/29/2009
NOTE:

1. These lists are subject to change. We strongly recommend that you ask a psychology advisor to review the way you plan to satisfy the B.S. requirements and that a notation be made in your file.

2. A GPA of 2.0 or higher must be obtained in the 17 credit supporting sequence. For example, a grade of “D” may be counted towards the B.S. as long as the student has higher grades (“B” or better) in other classes to compensate for the “D.”

3. Advanced math/science courses taken to fulfill the B.S. requirements may not be used to satisfy the CORE Advanced Studies requirement.

### B.S. Requirement Checklist

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits (Circle one)</th>
<th>Supporting (S) or Advanced (A) Course (Circle one)</th>
<th>Lab Course (check if appropriate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>___________</td>
<td>3 or 4</td>
<td>S or A</td>
</tr>
<tr>
<td>2.</td>
<td>___________</td>
<td>3 or 4</td>
<td>S or A</td>
</tr>
<tr>
<td>3.</td>
<td>___________</td>
<td>3 or 4</td>
<td>S or A</td>
</tr>
<tr>
<td>4.</td>
<td>___________</td>
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</tr>
<tr>
<td>5.</td>
<td>___________</td>
<td>3 or 4</td>
<td>S or A</td>
</tr>
</tbody>
</table>

**Note:**

1. You must complete at least 5 courses/17 credits in mathematics and science from the list of approved courses on the previous page.
2. At least three courses must be advanced (Section B)
3. At least two courses must contain a lab component.
<table>
<thead>
<tr>
<th>Psychology Course</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100 (Introduction to Psychology)</td>
<td>none</td>
</tr>
<tr>
<td>PSYC 200 (Statistical Methods in Psychology)</td>
<td>PSYC100 + MATH 111, 140 or 220</td>
</tr>
</tbody>
</table>

**AREA I BIOLOGICAL AND SENSORY**

| PSYC 206 Developmental Biopsychology                          | PSYC100                                           |
| PSYC 301 Biological Basis of Behavior                         | PSYC100, BSCI105                                 |
| PSYC 310 Perception                                           | PSYC100, BSCI 105, BSCI 106, Chem 131 & 132 or Phys 121 |
| PSYC 401 Biological Basis of Behavior Laboratory (4 credits) | PSYC301+ 200 + BSCI105 & 85 credits              |
| PSYC 402 Physiological Psychology                             | PSYC301 or 206                                   |
| PSYC 403 Animal Behavior                                      | PSYC301 or 206                                   |
| PSYC 404 Introduction to Behavioral Pharmacology              | PSYC200 + (206 or 301)                           |
| PSYC 406 Neurobiology                                         | PSYC100, (BSCI105 or BSCI106), Recommended: PSYC301 |
| PSYC 407 Behavioral Neurobiology Laboratory; (4 credits)      | PSYC100, 200 (BSCI105 or BSCI106), Recommended: PSYC301 |
| PSYC 440 Topics in Neurosciences Seminar; (1 credit)          | Admission to minor in Neurosciences               |
| PSYC 441 Experimental Psychology: Sensory Processes I (4 credits) | PSYC200 + (310)                                 |

**AREA II SOCIAL AND COGNITIVE**

| PSYC 221 Social Psychology                                    | PSYC100                                           |
| PSYC 341 Introduction to Memory and Cognition                 | PSYC100                                           |
| PSYC 420 Experimental Psychology: Social Processes I (4 credits) | PSYC200 + 221 & 85 credits                        |
| *PSYC 423 Advanced Social Psychology                          | PSYC420                                           |
| PSYC 424 Communication and Persuasion                         | PSYC200 + 221                                    |
| PSYC 440 Experimental Psychology: Cognitive Processes (4 credits) | PSYC100 + 200 & 85 credits, Recommended: PSYC341 |
| PSYC 442 Psychology of Language                               | PSYC200 + (341 or 440)                           |
| PSYC 443 Thinking and Problem Solving                         | PSYC200 + (341 or 440)                           |
| PSYC 444 Cyberpsychology                                      | PSYC100                                           |

**AREA III PERSONALITY AND DEVELOPMENTAL**

| *PSYC 235 Psychology of Adjustment                            | PSYC100                                           |
| PSYC 318D Community Interventions: Theory and Research        | PSYC100 or as posted on Testudo                   |
| PSYC 319D Community Interventions: Service Learning           | PSYC100 + PSYC318D                                |
| PSYC 352 Psychology of Human Sexuality                        | PSYC100                                           |
| PSYC 354 Psychology of Interpersonal Relationships            | PSYC100                                           |
| PSYC 357 Introduction to Community Psychology                 | PSYC100                                           |
| PSYC 355 Abnormal Psychology                                  | PSYC100                                           |
| PSYC 354 Cross Cultural Psychology                            | PSYC100 + a total of 3 credits in PSYC355         |
| PSYC 355 Developmental Psychology (Child Psychology)          | PSYC100                                           |
| PSYC 356 Psychology of Adolescence                            | PSYC355                                           |
| PSYC 357 Psychology of Adulthood and Aging                    | PSYC100                                           |
| PSYC 432 Introduction to Counselling Psychology               | PSYC200                                           |
| *PSYC 433 Basic Helping Skills: Research and Practice (4 credits) | PSYC200 + (235or354or353or432or434or435or436) & 85 credits |
| *PSYC 434 Severe Mental Disorders: Etiology and Treatment     | PSYC200 +301x35                                 |
| *PSYC 435 Personality Theories                                | PSYC100 + 200                                    |
| PSYC 436 Introduction to Clinical Psychology                  | PSYC200                                           |
| PSYC 437 Addictive Behaviors                                  | PSYC 100 + 9 cr. in PSYC,                        |
| *PSYC 455 Life Span Cognitive Development                    | PSYC200 + (355 or 341 or 440)                    |
| *PSYC 456 Research Methods in Developmental Psychology        | PSYC200 + (355 or 356 or 357)                    |
| *PSYC 457 Cultural Context of Psychological Development       | PSYC355 or 356 or 357                            |
| *PSYC 458 Applied Development Psychology                      | PSYC200 + (355 or 356 or 357)                    |

**AREA IV INDUSTRIAL AND ORGANIZATIONAL, INDIVIDUAL DIFFERENCES**

| PSYC 336 Psychology of Women                                  | PSYC100                                           |
| PSYC 361 Survey of Industrial and Organizational Psychology   | PSYC100                                           |
| PSYC 409 Field Research in Organizational Psychology (4 credits) | PSYC100 + 200 + 85 credits, Recommended: PSYC361 |
| *PSYC 451 Principles of Psychological Testing                | PSYC200                                           |
| *PSYC 452 Psychology of Individual Differences               | PSYC200                                           |
| PSYC 460 Psychological Foundations of Personnel Selection & Training | PSYC200                                           |
| PSYC 463 Psychology of Motivation & Attitudes in Organizational Settings | PSYC200 + 361                                     |
| *PSYC 464 Psychology of Leaders in Work Organizations        | PSYC361                                           |
| PSYC 465 Psychology of Organizational Processes              | PSYC200 + 361                                    |

**NO AREA**

| *PSYC 415 History of Psychology                              | 12 cr. in PSYC, incl. PSYC200, or permission of Dept. |

Courses in bold are Psychology labs (4 credits)

* Course may not be offered every year. Please check with a Psychology Advisor for availability.
### PSYCHOLOGY MAJOR COURSE REQUIREMENTS

**Required Gateway Course Sequence:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math</td>
<td>Grade of C or higher is required in MATH 111 or 140 or 220. STAT100 and MATH111 are considered a duplication of credit. If you took STAT100 prior to becoming a PSYC major, please talk with an advisor.</td>
</tr>
<tr>
<td>Lab Science</td>
<td>Grade of C or higher is required in BSCI105 or BSCI106 or CHEM131 &amp; 132 or PHYS121. Note that BSCI103 does NOT satisfy the Lab Science requirement.</td>
</tr>
<tr>
<td>PSYC100</td>
<td>Grade of B or higher is required in PSYC100. Students with AP credit for PSYC 100 substitute PSYC221 with a B or higher.</td>
</tr>
</tbody>
</table>

**PSYC200**

**PSYC 300**

**Mind, Brain & Behavior**

**Mental Health & Interventions**

**Social, Developmental & Organizational Processes**

**Additional Courses**

**Requirements Check List**

- PSYC 200 after Math Requirement
- PSYC 300 after PSYC 200
- Two courses from each thematic area (including 400’s)
- Two 400 level non-lab courses
- Two 400 level lab courses (after 85 credits)
- A total of 11 PSYC courses (35 credits)
- Grade of C or higher in all major and gateway coursework except for PSYC 100 (B or higher)
- Additional courses may not fulfill area requirements

**Bachelor of Science (BS) Option:**

One math and lab science from the required gateway course sequence may be used towards the BS option. A total of 5 courses (17 credits) are required. Two of the courses must be lab courses and three must be advanced math and science courses.

Three additional “Advanced math/science courses:
## Current Four Year Plan for Psychology

**Bachelor's of Arts (BA)**

*College of Behavioral and Social Sciences*

*University of Maryland, College Park*

### Freshman Year

<table>
<thead>
<tr>
<th>Semester #1 (13 credits)</th>
<th>Semester #2 (15-16 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100 (CORE SB)</td>
<td>CORE D</td>
</tr>
<tr>
<td>ENGL 101</td>
<td>CORE HL</td>
</tr>
<tr>
<td>UNIV 100</td>
<td>CORE SB</td>
</tr>
<tr>
<td>MATH 110/113/115</td>
<td>MATH 111/140/220</td>
</tr>
<tr>
<td>CORE HA</td>
<td>Elective or PSYC</td>
</tr>
</tbody>
</table>

### Sophomore Year

<table>
<thead>
<tr>
<th>Semester #3 (16 credits)</th>
<th>Semester #4 (15-16 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC200</td>
<td>PSYC Area Course</td>
</tr>
<tr>
<td>Lab Science for PSYC</td>
<td>CORE Science</td>
</tr>
<tr>
<td>PSYC Area Course</td>
<td>CORE HL/HA/HO</td>
</tr>
<tr>
<td>CORE SH</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

### Junior Year

<table>
<thead>
<tr>
<th>Semester #5 (15 credits)</th>
<th>Semester #6 (15 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC Area Course</td>
<td>PSYC Area Course</td>
</tr>
<tr>
<td>PSYC Area Course</td>
<td>PSYC 400-Level Non-Lab</td>
</tr>
<tr>
<td>CORE Prof. Writing</td>
<td>CORE Advanced Studies</td>
</tr>
<tr>
<td>Elective or PSYC Research</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

### Senior Year

<table>
<thead>
<tr>
<th>Semester #7 (16 credits)</th>
<th>Semester #8 (15-16 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC Lab</td>
<td>PSYC Lab</td>
</tr>
<tr>
<td>PSYC 400-Level Non-Lab</td>
<td>CORE Advanced Studies</td>
</tr>
<tr>
<td>Elective</td>
<td>PSYC Course (if needed for 35 cr.)</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>
Current Four Year Plan for Psychology
Bachelor's of Science (BS)
College of Behavioral and Social Sciences
University of Maryland, College Park

Freshman Year

Semester #1 (13 credits)
PSYC 100 (CORE SB)
ENGL 101
UNIV 100
MATH 110/113/115
CORE HA

Semester #2 (15-16 credits)
CORE D
CORE HL
CORE SB
MATH 111/140/220
Elective or PSYC

Sophomore Year

Semester #3 (16 credits)
PSYC200
Lab Science for PSYC
PSYC Area Course
CORE SH
Elective

Semester #4 (15-16 credits)
PSYC Area Course
PSYC Area Course
CORE HL/HA/HO
Math or Science Prerequisite (if needed)
Elective

Junior Year

Semester #5 (15 credits)
PSYC Area Course
Advanced Math/Science for BS
CORE Prof. Writing
Elective or PSYC Research
Elective

Semester #6 (15 credits)
PSYC Area Course
PSYC 400-Level Non-Lab
CORE Advanced Studies
Advanced Math/Science for BS
Elective

Senior Year

Semester #7 (16 credits)
PSYC Lab
PSYC 400-Level Non-Lab
Advanced Math/Science for BS
Elective
Elective

Semester #8 (15-16 credits)
PSYC Lab
CORE Advanced Studies
PSYC Course (if needed for 35 cr.)
Elective
Elective
Proposed Four Year Plan for Psychology Bachelor's of Arts (BA)
College of Behavioral and Social Sciences
University of Maryland, College Park

**Freshman Year**

**Semester #1 (13 credits)**
PSYC 100 (CORE SB)
ENGL 101
UNIV 100
MATH 110/113/115
CORE HA

**Semester #2 (15-16 credits)**
CORE D
CORE HL
CORE SB
MATH 111/140/220
 Elective or PSYC

**Sophomore Year**

**Semester #3 (16 credits)**
PSYC200
Lab Science for PSYC
PSYC Area Course
CORE SH
Elective

**Semester #4 (15-16 credits)**
PSYC 300 – new required course
CORE Science
CORE HL/HA/HO
Elective
Elective

**Junior Year**

**Semester #5 (15 credits)**
PSYC Area Course
PSYC Area Course
CORE Prof. Writing
Elective or PSYC Research
Elective

**Semester #6 (15 credits)**
PSYC Area Course
PSYC 400-Level Non-Lab
CORE Advanced Studies
Elective
Elective

**Senior Year**

**Semester #7 (16 credits)**
PSYC Lab
PSYC 400-Level Non-Lab
Elective
Elective
Elective

**Semester #8 (15-16 credits)**
PSYC Lab
CORE Advanced Studies
PSYC Course (if needed for 35 cr.)
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**Proposed Four Year Plan for Psychology**

**Bachelor's of Science (BS)**

*College of Behavioral and Social Sciences*

*University of Maryland, College Park*

---

**Freshman Year**

**Semester #1 (13 credits)**
- PSYC 100 (CORE SB)
- ENGL 101 (CORE HL)
- UNIV 100 (CORE SB)
- MATH 110/113/115 (MATH)
- CORE HA

**Semester #2 (15-16 credits)**
- CORE D
- CORE HL
- CORE SB
- MATH 111/140/220
- Elective or PSYC

---

**Sophomore Year**

**Semester #3 (16 credits)**
- PSYC200
- Lab Science for PSYC
- PSYC Area Course
- CORE SH
- Elective

**Semester #4 (15-16 credits)**
- PSYC 300 – new required course
- PSYC Area Course
- CORE HL/HA/HO
- Math or Science Prerequisite (if needed)
- Elective

---

**Junior Year**

**Semester #5 (15 credits)**
- PSYC Area Course
- Advanced Math/Science for BS
- CORE Prof. Writing
- Elective or PSYC Research
- Elective

**Semester #6 (15 credits)**
- PSYC Area Course
- PSYC 400-Level Non-Lab
- CORE Advanced Studies
- Advanced Math/Science for BS
- Elective

---

**Senior Year**

**Semester #7 (16 credits)**
- PSYC Lab
- PSYC 400-Level Non-Lab
- Advanced Math/Science for BS
- Elective
- Elective

**Semester #8 (15-16 credits)**
- PSYC Lab
- CORE Advanced Studies
- PSYC Course (if needed for 35 cr.)
- Elective
- Elective
New Psychology Catalog Description

The Major

The undergraduate program in psychology provides an introduction to the methods by which the behavior of humans and other organisms are studied, and to the biological conditions and social factors that influence behavior.

The program emphasizes a strong foundation in quantitative and research methods. Students who wish to pursue graduate study in psychology or related professional schools will have opportunities to participate in research.

Students who are interested in the biological aspects of behavior tend to choose a program leading to the Bachelor of Science (B.S.) degree, while those interested primarily in the impact of social factors on behavior tend to choose the Bachelor of Arts (B.A.) degree. The choice of degree program is made in consultation with an academic advisor.

Program Objectives

Students in the B.A. and B.S. programs in psychology will acquire the tools and experiences necessary for future training or work in the behavioral and social sciences. These include a foundation in research methods, critical and creative problem-solving skills, and the communication skills necessary to impart this knowledge to others. Students should also have developed content knowledge representing both the breadth and depth of the fields in psychology.

Program Learning Outcomes

The undergraduate curriculum in psychology has been designed to challenge students and to highlight the four major learning outcomes that we believe will prepare our graduates for productive roles in society. These learning outcomes are consistent with the institutional goals developed in the University of Maryland Learning Outcomes and the American Psychological Association’s recommendations for undergraduate programs.

1. Research Methods in Psychology
   Students should understand and apply basic research methods in psychology including research design, data analysis, and interpretation.

2. Critical Thinking Skills in Psychology
   Students should be able to use critical and creative thinking, skeptical inquiry, and when possible, the scientific approach to solve problems related to behavior and mental processes.

3. Communication Skills
   Students should be able to communicate effectively in a variety of formats.

4. Content in Psychology
Students should demonstrate familiarity with the questions that gave rise to content knowledge, a sampling of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.

For more information about Learning Outcomes in the Undergraduate Psychology program, please go to [www.psychology.umd.edu](http://www.psychology.umd.edu).

**Admission to the Major**

In accordance with University policy, the Department of Psychology has been designated a Limited Enrollment Program (LEP). All first-time freshman admits who request Psychology will be directly admitted into the major. Other first-time freshmen that wish to declare Psychology as a major prior to the end of the classes in their first semester of residence will be allowed to do so.

Freshman Direct Admits: All students accepted directly as freshman into the Psychology major will undergo an Academic Review at 45 credits (earned at Maryland) in order to remain in the major. The Academic Review criteria include:

- Completion of PSYC 100 with a minimum grade of 3.0 (if student has Advanced Placement credit for PSYC 100, student must complete PSYC 221 with a minimum grade of 3.0)

Of the following two gateway requirements, one must be earned with a 3.0 or better and the other with a 2.0 or better:

- Completion of MATH 111, 140 or 220
- Completion of BSCI 105 or BSCI 106 or PHYS 121 or CHEM 131/132
- A minimum cumulative grade point average of 2.0 in all coursework taken at the University of Maryland

Transfer Admission Requirements: Students beyond their first semester and those off campus (from non-Maryland public institutions) wishing to transfer are required to meet the following gateway criteria prior to applying to the major:

- Completion of PSYC 100 with a minimum grade of 3.0 (if student has Advanced Placement credit for PSYC 100, student must complete PSYC 221 with a minimum grade of 3.0)

Of the following two gateway requirements, one must be earned with a 3.0 or better and the other with a 2.0 or better:

- Completion of MATH 111, 220 or 140
- Completion of BSCI 105 or BSCI 106 or PHYS 121 or CHEM 131/132
- A minimum cumulative grade point average of 2.7 or above in all college level coursework is required
As is the general case for all Limited Enrollment Programs:

a. Only one “gateway” or performance review course may be repeated to earn the required grade and that course may be repeated only once;

b. Students may apply only once to an LEP. Students who have been dismissed from the major may not reapply;

c. Students must maintain a cumulative GPA of 2.00. Failure to do so will result in dismissal from the major.

Any student denied admission or dismissed from the major may appeal. Dismissed students appeal directly to the Director of Undergraduate Studies in Psychology (www.psychology.umd.edu). Internal transfer students appeal to the Office of the Dean for Behavioral and Social Sciences (www.bsos.umd.edu). External transfer students appeal to the Office of Undergraduate Admissions (www.umd.edu/admissions).

**Requirements for the Major**

All students must complete the gateway requirements and at least 35 credits (11 courses) in Psychology. The required courses include PSYC 100, 200, and 300; at least two (3 credit) courses at the 400 level and at least two 400-level laboratory (4 credit) courses. Laboratory courses include: PSYC 401, 407, 410, 420, 433, 440, and 450. In order to assure breadth of coverage, psychology courses have been divided into three thematic areas. The 35-credit total must include at least two courses from each of three thematic areas for a total of at least 18 credits. The three thematic areas are: Mind, Brain and Behavior; Mental Health and Interventions; and Social, Developmental, and Organizational Processes. A fourth category entitled “Additional Courses and Seminars” includes elective courses that count toward the major but not toward the thematic area requirements. A detailed psychology requirements worksheet and a detailed list of course by area can be found at www.psychology.umd.edu.

**Required Psychology Courses**
PSYC 100 – Introduction to Psychology
PSYC 200 – Statistical Methods in Psychology
PSYC 300 – Research Methods in Psychology
Two 400-level Non-Lab Courses
Two 400-level Lab Courses (noted in bold below)
Breadth Requirement (at least 18 credits from thematic areas below)

**Thematic Areas** (at least 18 credits required – minimum of two courses from each area)
*Mind, Brain and Behavior* (2 courses required)
PSYC 206, 301, 310, 341, 355, 401, 402, 403, 404, 406, 407, 409, **410, 440**, 442, 443, or 455

*Mental Health and Interventions* (two courses required)
PSYC 309B, 318D, 319D, 337, 353, 432, **433**, 434, 435, 436, or 437

*Social, Developmental and Organizational Processes* (two courses required)
PSYC 221, 332, 334, 336, 353, 354, 357, 361, 362, **420, 423, 424, **450, 456, 460 or 465
Gateway Courses
One from:  
MATH 111 – Introduction to Probability
MATH 140 – Calculus I
MATH 220 – Elementary Calculus I

One from:  
BSCI 105 – Principles of Biology I
BSCI 106 – Principles of Biology II
CHEM131/132 – Fundamentals of General Chemistry and Lab
PHYS 121 – Fundamentals of Physics I
*Note that BSCI 103 does not satisfy the lab science requirement for the Psychology major and that a student cannot earn credit for both BSCI 103 and BSCI 105.

A grade of C (2.0) or better must be earned in all 35 credits of psychology courses used for the major and all credits used to meet the Math-Science gateway courses. No course may be used as a prerequisite unless a grade of C or better is earned in that course prior to its use as a prerequisite, and a grade of B (3.0) or better must be earned in PSYC 100. The prerequisite for any psychology laboratory course is completion of PSYC 200, PSYC 300 and 85 credits.

Students pursuing the Bachelor of Science degree option must complete a minimum of 5 courses/17 credits in mathematics and science. At least three courses must be at the 300-400 levels and at least two courses must contain a lab. The 5 course/17 credits must be completed with at least a 2.0 average. MATH 111, MATH 140, MATH 220, BSCI 105, BSCI 106, CHEM 131/132, and PHYS 121 may be used to satisfy part of the requirement for the B.S. degree. Students should consult the current Psychology Undergraduate website for a list of approved advanced Math-Science courses.