Memo

To: Faculty Assembly
From: Psychology Department
Date: 9/30/13
Re: Proposed Changes to the Psychology B.A., Psychology Minor, Psychology/Business Administration–B.A./M.B.A., Philosophy-Psychology Joint B.A., and the Psychology/Human Computer Interaction–B.A./M.A.

The Psychology Department seeks approval to revise the psychology major to better integrate current trends in psychological science – and in the application of psychological science – in accordance with the findings from the Psychology Department's most recent self-study (2011) and the recommendations by the American Psychological Association's (APA) *Guidelines for the Undergraduate Psychology Major*. There is now general consensus in the Psychology Department that all psychology majors should participate in:

   (a) a year-long Freshman orientation recitation/seminar series linked to the revised Introduction to Psychology course,
   (b) integrated statistics and research methods courses with common finals,
   (c) mandatory survey courses in the domains of biological, cognitive, developmental, and clinical/social psychology, and
   (d) advanced-level depth courses which lead to a rigorous, research-based senior-year capstone experience.

The current and proposed psychology major curriculums differ in many notable ways. Under the current psychology major, psychology majors enroll in the following sequence of courses: Principles of Human Behavior, Analysis of Psychological Data, Research Methods in Psychology, and both a single 300-level and a single 400-level course in two of 5 domains (perception, learning, biopsychology, motivation, and cognition). Students also take a variety of elective courses (5 total) and a capstone seminar (History and Current Systems in Psychology) to fulfill the requirements of the current major.

The new psychology major will retain three basic lower-level courses: Introduction to Psychology (retitled from Principles of Human Behavior), Analysis of Psychological Data, and Research Methods in Psychology. However, although these three courses will be retained, they have been updated – in preparation for the new proposed major – so that psychology majors take (a) a "majors only" Introduction to Psychology course in conjunction with a 1-hour, 19-seat recitation course to foster advanced student learning in psychological science, and (b) common finals in each course to ensure that the learning objectives are met.

A new addition to the major is the Freshman seminar (titled Seminar in Psychological Science), which all first-year psychology majors will take in the Spring so that they can learn about the Psychology Department, the research interests of its faculty, and the goals sets forth by the Psychology Department for its majors; the Psychology Department will also engage first-year students earlier in the application of psychology in research, internships, professional writing in the discipline, and other applied psychology-related experiences. Overall, the first-year Introduction to Psychology/Seminar in Psychological Science series is

designed to provide psychology majors with an enriched experience for learning introductory content for the study of psychology as a discipline followed by a seminar focusing on current research in the field as reflected by our faculty in their research areas.

Another substantial change to the major will include exposing students to four key breadth domains (i.e., 4 required "breadth courses") with appropriate corresponding learning outcomes: biological foundations, clinical/social, cognitive, and developmental). Such exposure will eliminate the current possibility that students can bypass/ignore certain areas of the psychology curriculum (i.e., there is no current mechanism in place that students must take a course in developmental psychology, for example).

Finally, the Psychology Department will link its rigorous, upper-division elective courses (i.e., two required "depth courses") to the senior year capstone experience. The current capstone course (History and Current Systems in Psychology) will be replaced by a new capstone experience. The department will offer a capstone menu from which seniors will choose either an internship, a seminar, a research lab project, or an honors project (if eligible) all unified by a required Senior Thesis in Psychology. A detailed rubric matched to specific learning outcomes will guide the students in development of their thesis under the guidance of a faculty member. The breadth/depth sequence followed by the capstone menu will insure that psychology majors have a solid grounding in psychology and both oral presentation and writing skills, as well as applied exposure.

Given the substantial changes to the psychology major, the Psychology Department seeks further approval to revise the psychology minor in accordance with the new major (e.g., the new minor will require students to take 4 required breadth courses, which eliminates the current possibility that students can bypass/ignore certain areas of the psychology curriculum). Furthermore, the department wishes to revise the Psychology/Business Administration–B.A./M.B.A. program and the Psychology/Human Computer Interaction–B.A./M.A program which contain the psychology major as part of the curriculum. The School of Business and Human-Computer Interaction departments have approved these changes. No significant changes are needed to the Philosophy-Psychology Joint B.A. given the specialized nature of that program.

The Psychology Department believes that the proposed pedagogical plans will well prepare students for continued graduate studies in both psychology and related fields, as well as for jobs requiring a solid understanding of basic and applied psychological science. Attached are the catalog side-by-sides for the revised psychology B.A., psychology minor, Psychology/Business Administration–B.A./M.B.A. program, the Philosophy-Psychology Joint B.A., and the Psychology/Human Computer Interaction–B.A./M.A program.

The Psychology Department thanks all Faculty Assembly representatives for their time and consideration of this proposal.

Old Curriculum		New Curriculum	
B.A., Psychology	**36 cr**	**B.A., Psychology**	**33 cr**
A. Core Requirements	**21 cr**	**A. Core Requirements**	**12 cr**
PSY 100 Principles of Psychology	3	PSY 100 Introduction to Psychology	3
PSY 280 Analysis of Psychological Data	4	PSY 111 Seminar in Psychological Science	1
PSY 290 Research Methods in Psychology	4	PSY 280 Analysis of Psychological Data	4
PSY 475 History and Current Systems in Psychology	3	PSY 290 Research Methods in Psychology	4
Select one course from the following:	3	**Breadth Courses**	**12 cr**
PSY 301 Perception		*Select one course from each following area, at least 9 hours at the 300-level.*	
PSY 302 Learning		Biological	3
PSY 303 Biopsychology		Clinical/Social	3
PSY 304 Motivations		Cognitive	3
PSY 305 Cognition		Developmental	3
Select one course from the following:	4	**Depth Courses**	
Must be different from corresponding 300-level course.		*Choose 6 hours at the 300- or 400-level, with at least 3 hours at the 400-level.*	**6 cr**
PSY 401 Perception			
PSY 402 Learning		**Capstone**	**3 cr**
PSY 403 Biopsychology		*A thesis is produced as a result of enrolling in one of the following courses:*	
PSY 404 Motivations		PSY 496 - Capstone Senior Thesis	3
PSY 405 Cognition		PSY 490H - Capstone Honors Research Seminar	3
		PSY 498 - Capstone Internship in Psychology	3
B. Elective Requirements	**15 cr**	PSY 491 - Capstone Laboratory Research	3
Electives under advisement, at least 12 cr of which must			
be at the 300- or 400-level, including at least three hours		**B. Elective Requirements**	**None**
from the PSY 400-489 offerings.			
		C. Cognate Requirements	**None**
C. Cognate Requirements	**None**		

Note: A grade of C- or better must be earned in all core courses.

Note: The Psychology core courses, PSY 100, 111, 280, and 290 must be taken sequentially.
A grade of C- or better must be earned in each core course before taking the next core course.
A grade of C- or better must be earned in all courses credited to the major.

Old Curriculum		New Curriculum	
Psychology Minor	**23 cr**	**Psychology Minor**	**18 cr**
A. Core Requirements	**14 cr**	**A. Core Requirements**	**15 cr**
PSY 100 Principles of Human Behavior	3	PSY 100 Introduction to Psychology	3
PSY 280 Analysis of Psychological Data	4		
PSY 290 Research Methods in Psychology	4	**Breadth Courses**	
PSY 475 History and Current Systems in Psychology	4	*Select one course from each following area, at least 9 hours at the 300-level.*	
		Biological	3
Select one course from the following:	3	Clinical/Social	3
PSY 301 Perception		Cognitive	3
PSY 302 Learning		Developmental	3
PSY 303 Biopsychology			
PSY 304 Motivations		**B. Elective Requirements**	**3 cr**
PSY 305 Cognition		*Select one additional course in Psychology under advisement.*	

A. Core Requirements 14 cr
 PSY 100 Principles of Human Behavior 3
 PSY 280 Analysis of Psychological Data 4
 PSY 290 Research Methods in Psychology 4
 PSY 475 History and Current Systems in Psychology 4

B. Elective Requirements 9 cr
 Electives under advisement, at least six credit hours of
 which must be at the 300- or 400-level, including at least
 three hours from the Psy 400-489 offerings.

C. Cognate Requirements None

Note: A grade of C- or better must be earned in all core courses.

New Curriculum
Psychology Minor 18 cr

A. Core Requirements 15 cr
 PSY 100 Introduction to Psychology 3

 Breadth Courses
 Select one course from each following area, at least 9 hours at the 300-level.
 Biological 3
 Clinical/Social 3
 Cognitive 3
 Developmental 3

B. Elective Requirements 3 cr
 Select one additional course in Psychology under advisement.

C. Cognate Requirements None

Note: . A grade of C- or better must be earned in all courses credited
to the minor.

Old Curriculum		New Curriculum	
Psychology/Human Computer Interaction–B.A./M.A.	**63 cr**	**Psychology/Human Computer Interaction–B.A./M.A.**	**69 cr**
A. Core Requirements	**24 cr**	**A. Undergraduate and Graduate Requirements**	
PSY 100 Principles of Psychology	3	**Undergraduate Psychology Requirements**	
PSY 280 Analysis of Psychological Data	4	**Psychology Core Requirements**	**12 cr**
PSY 290 Research Methods in Psychology	4	PSY 100 Introduction to Psychology	3
PSY 361 Psychology of Language	3	PSY 111 Seminar in Psychological Science	1
PSY 475 History and Current Systems in Psychology	3	PSY 280 Analysis of Psychological Data	4
		PSY 290 Research Methods in Psychology	4
Select one course from the following:	3	**Psychology Breadth Courses**	**12 cr**
PSY 301 Perception		*Select one course from each following area, at least 9 hours at the 300-level.*	
PSY 305 Cognition		Biological	3
		Clinical/Social	3
Select one course from the following:	4	Cognitive	3
Must be different from corresponding 300-level course		Developmental	3
PSY 401 Perception		**Psychology Depth Course**	**6 cr**
PSY 405 Cognition		*Choose 6 hours at the 300- or 400-level, with at least 3 hours at the 400-level.*	
		Psychology Capstone	**3 cr**
B. Elective Requirements	**12 cr**	*A thesis is produced as a result of enrolling in one of the following:*	
Under advisement, PSY 300 level or above	9	PSY 496 - Capstone Senior Thesis	3
Under advisement, select from PSY 400-489	3	PSY 490H - Capstone Honors Research Seminar	3
		PSY 498 - Capstone Internship in Psychology	3
C. Cognate Requirements	**9 cr**	PSY 491 - Capstone Laboratory Research	3
CSC 212 Tools for Computing	3	**Graduate HCI Requirements**	
CSC 241 Abstract Data Types & Prog Meth	3	**HCI Core Requirements:**	**21 cr**
ISC 370 Human Computer Interaction	3	HCI 500 - Introduction to Human Computer Interaction	3
		HCI 510 - HCI Methods I - Design and Evaluation	3
D. Core Requirements - Graduate	**18 cr**	HCI 520 - Graphical User Interfaces	3
HCI 500 - Introduction to Human Computer Interaction	3	HCI 521 - Software Design	3
HCI 510 - HCI Methods I - Design and Evaluation	3	HCI 530 - Seminar in Contemporary Topics in HCI	3
HCI 520 - Graphical User Interfaces	3	HCI 550 - HCI Project I	3
HCI 521 - Software Design	3	HCI 551 - HCI Project II	3
HCI 550 - HCI Project I	3	**B. Elective Requirements**	**12 cr**
HCI 551 - HCI Project II	3	*Choose 12 hours of HCI 500-level electives, under advisement.*	
		C. Cognate Requirements	**3 cr**
		CSC 212 Tools for Computing or COG 212 Programming & Problem Solving	3

Note: The Psychology core courses, PSY 100, 111, 280, and 290 must be taken sequentially.
A grade of C- or better must be earned in each core course before taking the next core course.

Old Philosophy-Psychology Joint B.A.	35 cr	New Philosophy-Psychology Joint B.A.	35 cr
A. Core Requirements	**29 cr**	**A. Core Requirements**	**29 cr**
PHL 111 Valid Reasoning I	3	PHL 111 Valid Reasoning I	3
PHL 220 Theory of Knowledge	3	PHL 220 Theory of Knowledge	3
PHL 471 Philosophy of Mind	3	PHL 471 Philosophy of Mind	3
PHL 496 Joint Seminar in Philosophy-Psychology	3	PHL 496 Joint Seminar in Philosophy-Psychology	3
PSY 100 Principles of Human Behavior	3	PSY 100 Introduction to Psychology	3
PSY 280 Analysis of Psychological Data	4	PSY 280 Analysis of Psychological Data	4
PSY 290 Research Methods in Psychology	4	PSY 290 Research Methods in Psychology	4
Select one course from the following:	3	*Select one course from the following:*	3
PSY 301 Perception		PSY 301 Perception	
PSY 302 Learning		PSY 302 Learning	
PSY 303 Biopsychology		PSY 303 Biopsychology	
PSY 304 Motivation		PSY 304 Motivation	
PSY 305 Cognition		PSY 305 Cognition	
Select one course from the following:	3	*Select one course from the following:*	3
PHL 321 Philosophy of Science		PHL 321 Philosophy of Science	
PHL 322 Philosophy of Social Sciences		PHL 322 Philosophy of Social Sciences	
B. Elective Requirements	**6cr**	**B. Elective Requirements**	**6cr**
Select one set of courses from the following:		*Select one sequence of courses from the following:*	
Sequence 1.		Sequence 1.	
PHL 313 Philosophy of Language	3	PHL 313 Philosophy of Language	3
PSY 361 Psychology of Language	3	PSY 361 Psychology of Language	3
Sequence 2.		Sequence 2.	
PHL 442 Social Philosophy	3	PHL 442 Social Philosophy	3
PSY 340 Social Psychology	3	PSY 340 Social Psychology	3
Sequence 3.		Sequence 3.	
PHL 309 Logic, Language, and Thought	3	PHL 309 Logic, Language, and Thought	3
COG 266 Brains, Minds and Consciousness	3	COG 266 Brains, Minds and Consciousness	3
C. Cognate Requirements	None	**C. Cognate Requirements**	None

Old Curriculum

Psychology/Business Administration–B.A./M.B.A. (96 cr)

A. Core Requirements–Undergraduate (45 cr)

- ACC 201–Accounting I credit: 3
- ACC 202–Accounting II credit: 3
- BLW 355–Legal and Regulatory Environment of Business credit: 3
- FIN 325–Corporate Finance credit: 3
- MGT 261–Business Organization credit: 3
- MKT 250–Marketing Principles credit: 3
- OPM 310–Operations Management credit: 3
- PSY 100–Principles of Human Behavior credit: 3
- PSY 280–Analysis of Psychological Data credit: 4
- PSY 290–Research Methods in Psychology credit: 4
- PSY 345–Industrial/Organizational Psychology credit: 3
- PSY 475–History and Current Systems in Psychology credit: 3

Select one course from the following:

- PSY 301–Perception credit: 3
- PSY 302–Learning credit: 3
- PSY 303–Biopsychology credit: 3
- PSY 304–Motivation credit: 3
- PSY 305–Cognition credit: 3

Select one course from the following:

Must be different from corresponding 300-level course.

- PSY 401–Perception credit: 4
- PSY 402– Learning credit: 4
- PSY 403–Biopsychology credit: 4
- PSY 404– Motivation credit: 4
- PSY 405–Cognition credit: 4

New Curriculum

Psychology/Business Administration–B.A./M.B.A. (108 cr)

A. Core Requirements–Undergraduate (63 cr)

- ACC 201–Accounting I credit: 3
- ACC 202–Accounting II credit: 3
- BLW 355–Legal and Regulatory Environment of Business credit: 3
- FIN 325–Corporate Finance credit: 3
- MGT 261–Business Organization credit: 3
- MKT 250–Marketing Principles credit: 3
- OPM 310–Operations Management credit: 3
- PSY100 Introduction to Psychology credit: 3
- PSY 111 Seminar in Psychological Science credit: 1
- PSY 280 Analysis of Psychological Data credit: 4
- PSY 290 Research Methods in Psychology credit: 4

    Note first seven classes are Business Minor (Option 2)

Select one course from each of the following breadth areas:

At least 9 hours must be at the 300 level.
    Biological
    Clinical/Social
    Cognitive
    Developmental

Select two courses from depth areas:
(Under advisement)
    6 hours at the 300- or 400-level, at least 3 credits of
    which are at the 400 level

Select one course from the following Capstone areas:
Capstone
    A thesis is produced as a result of enrolling in
    one of the following:
    PSY 496 - Capstone Senior Thesis credit: 3
    PSY 490H - Capstone Honors Research Seminar credit: 3
    PSY 498 - Capstone Internship in Psychology credit: 3
    PSY 491 - Capstone Laboratory Research credit: 3

Note: The Psychology core courses, Psy 100, 111, 280, and 290 must be taken sequentially.
A grade of C- or better must be earned in each core course before taking the next core course.
A grade of C- or better must be earned in all courses credited to the major.

Old Requirements–Graduate (36 cr)	New Requirements-Graduate (45 cr)
MASTER OF BUSINESS ADMINISTRATION (36 cr) **B. Core Requirements–Graduate (21 cr)** - MBA 511 - Management Information Systems - MBA 513 - Managerial Finance - MBA 514 - Marketing Management - MBA 515 - Management Science I - MBA 516 - International Business - MBA 517 - Organization and Management: A Global Perspective - MBA 550 - Management Policy **C. Electives–Psychology (6 cr)** Under advisement, at least three credits must come from the PSY 400-489 course offerings. **D. Electives–Business (15 cr)** Graduate Advanced Tool (3 cr) MBA electives, under advisement (12 cr) **E. Cognate Requirements–Psychology (None)** **F. Cognate Requirements–Business (9 cr)** - CSC 101 - Tools for Computing credit: 3 - ECO 101 - Principles of Microeconomics credit: 3 - ECO 200 - Principles of Macroeconomics credit: 3	**MASTER OF BUSINESS ADMINISTRATION (45 cr)** **B. Core Courses (18 cr)** MBA 511 Management Information Systems MBA 513 Managerial Finance MBA 514 Marketing Management MBA 515 Management Science I MBA 516 International Business MBA 517 Organizational Management: A Global Perspective **C. Advanced Tool (3 cr)** *(Under advisement)* **D. Electives (12 cr)** *MBA electives (Under advisement)* **E. Capstone (3 cr)** MBA 550 Management Policy **F. Other Prerequisites Business (9 cr)** - CSC102 Business Information Systems and Computing Tools credit: 3 - ECO101 Principles of Microeconomics credit: 3 - ECO 200 Principles of Macroeconomics credit: 3

Breadth Courses
  Biological
    PSY 303
  Clinical/Social
    PSY 340, 350
  Cognitive
    PSY 305
  Developmental
    PSY 200, 320

Depth Courses
  Biological
    PSY 403
  Clinical/Social
    PSY 410, 451, 452, 454, 459
  Cognitive
    PSY 301, 302, 310, 361, 363, 425
  Developmental
    PSY 325, 328, 330, 426