

The University of Kansas  
College of Liberal Arts & Sciences  
**COMMITTEE ON UNDERGRADUATE STUDIES & ADVISING**

**AGENDA**

NOVEMBER 24, 2009, 11:00AM  
STRONG HALL – ROOM 210

- I. Approval of CUSA Minutes from November 10, 2009
- II. Chair's Report
- III. Dean's Office Report
- IV. CLA&S Student Academic Services Report
- V. Subcommittee Chair Reports
  - A. Advising & Awards
  - B. Curricular Changes/Degree Requirements
    1. Curricular Changes for Approval:  
CHANGES: FMS 275, GERM 504, HNRS 190, LA&S 214,
    2. Degree Requirements for Approval:
      - a. Change to Existing Social and Behavioral Sciences Methodology Minor
      - b. Old Business:
        - 1) Change to Existing Psychology BA/BGS Admission Requirements
        - 2) Change to Existing Developmental Psychology BA/BGS Admission Requirements
        - 3) Request for Cognitive Psychology BS Admission Requirements
        - 4) Request for Psychology Minor Admission Requirements
        - 5) Change to Existing Psychology Major
        - 6) Change to Existing Developmental Psychology Major
        - 7) Change to Existing Cognitive Psychology Major AND name of Cognitive Psychology BS Degree
  - C. Academic Standards Report
    - Readmission**  
Readmission Petition for Spring 2010 – request to not have to complete MATH 101  
*Denied (3,0) – No extenuating circumstances as to why student unable to complete MATH 101.*
    - Retroactive withdrawals**
      - 1353) Retroactive withdrawal from Spring 2008 due to family illness  
*Denied (3,0) – Mother's diagnosis occurred on 4/22/09. Majority of instructors confirmed that the student was doing poorly in the course prior to this date. While diagnosis is difficult to deal with it does not seem to be the cause of poor academics.*
      - 1361) Retroactive withdrawal from Fall 2008 due to extenuating circumstances  
*Denied (3,0) – Event that is documented occurred 12/10/08. MATH 002 instructor indicated that she stopped attending mid-September. Another instructor of two of her HSES courses indicated that she stopped attending mid-semester. The subcommittee did not have information as to why she was unable to withdrawal prior to the withdrawal deadline date considering she was not attending classes.*
      - 1410) Request to take 13 hours in last 30 hours

*Approved (3,0) – Student is allowed to complete 1 hour over the allowed 12 transferable hours in a student’s last 30 hours. The subcommittee approved this because 10 of the last hours were part of a study abroad program recommended by the student’s faculty advisor and because requiring her to take one more hour in residence did not seem necessary because it was clear that the student was not made aware of this policy when encouraged to take study abroad program. The student was also not on campus because she thought she could finish her degree with a transferable course. It was noted that if the student had met with a graduation advisor prior to her study abroad this situation could have been avoided.*

#### **Degree Requirement Petitions**

- 1412) Count TH&F 302: Survey of Japanese Film as a Non-Western Culture course  
*Approved for All students in Fall 2008 section (3,0) – TH&F 302 Undergraduate Seminar: Survey of Japanese Film has now been changed to FMS 315 Survey of Japanese Film and was approved by CAC as a non-western culture class in May of 2008. Because of this the subcommittee approved the petition for all students in the Fall 2008 section of TH&F 302.*
- 1414) Count ENGL 498: Caribbean Women Writers as a Non-Western Culture course  
*Denied (3,0) – ENGL 498: Honors Proseminar: Caribbean Women Writers was reviewed by the liaison, K. Ledom, for the Curricular and Degree Requirements subcommittee to see if course should be sent to the subcommittee for review of the course content. It was decided that the course did not meet the minimum for content review, due to the instructor clearly stating that the course has 40 – 50% non-western culture content rather than the required 75%. The Academic Standards subcommittee saw no extenuating circumstances to grant this course for this student especially since it did not meet Non-Western Culture minimum requirements.*

#### VI. Old Business

Text for vote on time frame for applying current General Education requirements:

Students readmitted ten years or more after their initial term of degree-seeking admission to the University of Kansas, must fulfill the current requirements (this includes general education, major, minor, and all other related policies) in order to earn a degree.

Students who remain enrolled continuously at the University of Kansas will be exempt from this policy.

#### VII. New Business

##### Discussion Questions About Certificates

*For the purpose of these discussions, we are not talking about certificates that exist within majors, but rather the potential for certificates at the College level that will appear on a student’s transcript.*

Do we want to have certificates in the College?

Could a student earn a certificate prior to graduation?

Do we want to regulate how many credits should be involved?

Should there be a G.P.A. requirement?

Should certificates be limited to fields where there is no minor? How would a certificate differ from a minor? Would certificates be skill-based?

Could there be interdisciplinary certificates or will they need to be housed in a department? If they are not housed in a department, how will they be administered?

Could a student pursuing a BGS, Liberal Arts and Sciences earn a certificate?

Should there be a capstone course?

How many junior-senior hours should be required?

## COMMITTEE ON UNDERGRADUATE STUDIES AND ADVISING

Minutes of the Meeting for November 10, 2009

The committee met on Tuesday, November 10, 2009, at 11:00 a.m. in Room 210 Strong Hall. The following were present: Banwart, Blackmore, Bradley, Burright, Comer, Crosby, Cudd, Dozier, Earnhart, Kuczera, Ledom, McNeley, Manning, Mielke, Phillips, Tucker

**MINUTES** A motion was made to approve as written the October 27, 2009 meeting minutes of the Committee on Undergraduate Studies & Advising. The motion was seconded and the motion was approved unanimously.

**CHAIR'S REPORT** Professor Manning clarified that the newly-approved admission to majors requirements would be effective Fall 2010.

**DEAN'S REPORT** No report.

**CLA&S STUDENT ACADEMIC SERVICES REPORT** Assistant Dean McNeley reported that the Chancellor's Task Force for Retention and Graduation Rates (one of three task forces) had been convened. Their first meeting was scheduled later that afternoon and she will likely be sharing some issues with the CUSA members for their feedback as the work of the task force progresses.

### **SUBCOMMITTEE CHAIR REPORTS**

- A. ADVISING & AWARDS – No report
- B. CURRICULAR CHANGES/DEGREE REQUIREMENTS

#### 1. Curricular Changes for Approval:

**COURSE DELETIONS:** HWC 130, REL 130

Dr. Banwart began with the request for course deletions listed above. There were no questions. A motion to accept the deletions was made, seconded, and the motion passed unanimously.

**NEW COURSES:** CHIN 342, PSYC 201

There were no concerns or questions about the new course proposals listed above, so Dr. Banwart presented a motion to accept both new courses. The motion was seconded and it passed unanimously.

**CHANGES:** ANTH 293, CHIN 542, CHIN 544, EALC 130, PSYC 300, PSYC 301, PSYC 310, PSYC 318, PSYC 319, PSYC 333, PSYC 334, PSYC 360, PSYC 361, PSYC 370, PSYC 371, PSYC 380, PSYC 381, PSYC 625, PSYC 679

**Old Business:** PHIL 375

Dr. Banwart asked that the PHIL 375 course be held from the vote until it could be discussed, and a motion was made to approve the above course changes with the exception of PHIL 375. The motion was seconded and it passed unanimously.

Dr. Banwart reminded the CUSA members of the previous discussion regarding the change in prerequisite for PHIL 375 to EECS 168 or equivalent course. This course had been returned to the department, questioning if EECS 138 could be added as a prerequisite since EECS 168 is primarily designed for Engineering students and is difficult for non-Engineering students to get into. The department responded to this concern by offering to add "...or permission of instructor" to the prerequisite sentence. It was noted that the description in the agenda was incorrect, and the last sentence of the proposed change should read, "Prerequisite: EECS 168 or permission of instructor. LEC" Discussion ensued, culminating in a motion to approve this amended course description. The motion was seconded and was approved by majority vote, with two opposed.

#### 2. Degree Requirements for Approval

- a) Change to Existing Psychology BA/BGS Admission Requirements
- b) Change to Existing Developmental Psychology BA/BGS Admission Requirements
- c) Request for American Studies BA/BGS Admission Requirements
- d) Request for Cognitive Psychology BS Admission Requirements
- e) Request for Psychology Minor Admission Requirements
- f) Change to Existing East Asian Languages & Cultures Major – Chinese Language & Literature Emphasis

- g) Change to Existing Psychology Major
- h) Change to Existing Developmental Psychology Major
- i) Change to Existing Cognitive Psychology Major AND name of Cognitive Psychology BS Degree
- j) HL Principal Course Status for HWC 206

Dr. Banwart suggested breaking the above degree requirements proposed for approval into two motions, the first for the admissions to major requirements, and the second for the changes to existing majors. While discussing the proposed admission requirements to the Psychology Minor, questions were raised concerning the value added by establishing an application process, since it seemed to be adding an administrative step to the current procedure to formally declare a minor, which requires departmental/faculty signature on the minor declaration form. The current procedure allows an opportunity for interaction between the student and department and a review of the student's record could occur during that interaction. Another concern was that students often do not know they want, or would be eligible, to declare a minor until after all or most of the required courses have been completed, and the minor declaration and certification are completed as the student is applying for graduation. After further discussion, the motion was amended to approve item c), the American Studies BA/BGS Admission Requirements, and to table item e), the Psychology Minor Admission Requirements, until feedback from the department was received. The motion was seconded and was approved unanimously.

Discussion moved on to the changes to admission to major requirements for items a), b) and d), the Psychology BA/BGS, Developmental Psychology BA/BGS, and Cognitive Psychology BS. Clarification was made that all three sets of admission requirements are the same except for differences in a specific core course requirement in each. Discussion continued and other questions were raised, so there was general agreement to table all the Psychology degree requirement requests until the department could address the questions, and an amended motion was made to approve item f), Change to Existing EALC Major – Chinese Language & Literature Emphasis, and item j), HL Principal Course Status for HWC 206. The amended motion was seconded and was approved unanimously.

3. Other: Change in coding from “N” to “U”

Clarification was made that these codes are designed specifically to help communicate general education requirements. After discussion with the departments involved, 16 changes in courses currently coded as “N” but needing to be changed to “U” were recommended for approval. During review of the 16 proposed changes, it was noted that BIOL 203 should be removed from the list, and MATH 197 would be held from the vote because the Math department was going to create another course to simplify coding. A motion was made to approve changing the code for the other 14 courses. The motion was seconded and it passed unanimously.

C. ACADEMIC STANDARDS REPORT

Professor Tucker gave a general overview of the petitions that had been reviewed at the previous meeting. There was some general discussion and then Dr. Manning asked the members to return to a topic that had been tabled at the October 27<sup>th</sup> meeting due to lack of time, concerning the Academic Standards Subcommittee's authority to determine whether or not a topics course could fulfill the non-western culture general education requirement. Clarification was made that the subcommittee handles individual student petitions, so if a topics course is petitioned to count for a non-western culture requirement and there are extenuating circumstances that affect only the student petitioning (such as an advising error), the Academic Standards Subcommittee will review and rule on that petition. If a topics course is petitioned to count for a non-western culture requirement but no extenuating circumstances are involved that affect only one student, the Curricular Changes/Degree Requirements Subcommittee will review and rule on that petition and, if it is approved, that topics course will count for the non-western culture requirement for all students who were enrolled in it.

VI. Old Business

Discussion continued on the language for a vote on the time frame for applying current degree requirements, and several changes were suggested, resulting in the following draft:

Students readmitted ten years or more after their initial term of degree-seeking admission to the University of Kansas, must fulfill the current requirements (this includes general education, major, minor, and all other related policies) in order to earn a degree.

Students who remain enrolled continuously at the University of Kansas will be exempt from this policy.

A vote on the above language was tabled until the next meeting due to time constraints.

The meeting was adjourned at 12:36 p.m.

1. **Curricular Changes for Approval**

**FILM & MEDIA STUDIES**

CHANGE: PREREQUISITE

FMS 275 BASIC VIDEO PRODUCTION 3 H  
(OLD) Theory and practice of video production with emphasis on preproduction planning, scripting, directing, lighting, camera operation and audio. Lecture-laboratory. Prerequisite: FMS 100, concurrent enrollment in FMS 200 and consent of instructor. LEC/LBN

FMS 275 BASIC VIDEO PRODUCTION 3 H  
(NEW) Theory and practice of video production with emphasis on preproduction planning, scripting, directing, lighting, camera operation and audio. Lecture-laboratory. Prerequisite: FMS 100, completion of or concurrent enrollment in FMS 200, and consent of instructor. LEC/LBN

**GERMANIC LANGUAGES & LITERATURES**

CHANGE: COURSE DESCRIPTION

GERM 504 GERMAN POETRY 3 H  
(OLD) The appreciation and understanding of selected masterpieces of German poetry, with attention to the basic poetic forms, techniques, and phonological features. Not open to native speakers of German. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC

GERM 504 GERMAN POETRY 3 H  
(NEW) The appreciation and understanding of selected masterpieces of German poetry, with attention to the basic poetic forms, techniques, and phonological features. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC

**HONORS PROGRAM**

CHANGE: COURSE DESCRIPTION

HNRS 190 FRESHMAN HONORS TUTORIAL 1 U  
(OLD) Students meet in the class with their advisors to discuss topics of academic significance. The course provides an opportunity to gain effective exposure to intellectual values and methods under the guidance of regular faculty in a small and informal setting. The tutorial also facilitates a close working relationship between students and their honors adviser. Required of all freshman honors students, open only to freshmen in the University Honors Program.

HNRS 190 FRESHMAN HONORS TUTORIAL 1 U  
(NEW) The course provides an opportunity to gain effective exposure to intellectual values and methods under faculty guidance in a small seminar setting. The aims of the Freshman Honors Tutorial are: (1) to introduce students to key intellectual perspectives germane to the instructor's discipline; (2) to introduce students to some of the resources and methods available to scholars in the discipline; (3) to build a sense of community among honor freshmen from all across the campus. Required of all freshman honors students, open only to freshmen in the University Honors Program.

**LIBERAL ARTS & SCIENCES**

CHANGE: NUMBER, PREREQUISITE

LA&S 214 ETHNOBIOLOGY 3 N  
(OLD) Integrates Native American traditional knowledge of ecology and biology with modern, western science. One purpose of the course is to preserve the unique knowledge and varied cultural traditions relating to the life sciences that are possessed by indigenous people. Taught at Haskell Indian Nations University. LEC

LA&S 414 ETHNOBIOLOGY 5 N

- (NEW) Integrates Native American traditional knowledge of ecology and biology with modern, western science. One purpose of the course is to preserve the unique knowledge and varied cultural traditions relating to the life sciences that are possessed by indigenous people. Taught at Haskell Indian Nations University. Prerequisite: BIOL 100 or BIOL 150. LEC

## 2. Degree Requirements for Approval

- a. Change to Existing Social and Behavioral Sciences Methodology Minor

### **PROPOSAL:**

PSYC 500 would become a recommended course prior to taking PSYC 650.  
PSYC 651 would no longer be required for the minor, but would become an optional course and would go in with the other optional courses.  
Change the name of the minor

### **CURRENT REQUIREMENTS WITH NEW ADDITIONS IN BOLD AND DELETIONS STRUCK THROUGH:**

#### **Research Methods and Data Analysis Minor (RMDA)**

The **Research Methods and Data Analysis Minor** ~~Minor in Social and Behavioral Sciences~~ is a program that provides undergraduate students a broadened and coordinated platform for advanced training in research methodology and practical research experience.

Students electing to minor in **RMDA SBSM** are provided with an opportunity to receive advanced training in quantitative and qualitative methods as applied in the behavioral and social sciences. This Minor allows students to develop graduate-level expertise in applied statistical methods. Students who graduate with this Minor acquire skills that will significantly enhance their career opportunities in areas related to their primary major (e.g., sociology, political science, psychology, a foreign language).

Pre-Requisites for the Minor

Because of the structure of the Minor requirements, students should begin pursuit of the Minor at the end of their sophomore year or the beginning of their Junior year. A minimum GPA of 3.0 is *recommended* for admittance to the Minor, but this is not required.

Students must have completed a course in elementary statistics prior to pursuing the **RMDA SBSM** Minor (e.g., COMS 356; MATH 365, 526; POLS 306; PSYC ~~300~~ **210**; PUAD 332; SOC 510). Any equivalent course may be approved with the consent of the program director. **PSYC 500, or equivalent, is highly recommended prior to taking PSYC 650.**

Requirements for the Minor

Students must complete a minimum of 18 hours of coursework and research experience (minimum 3 units of directed reading/independent study and/or research practicum). The sum of these credits is realized when the following requirements are fulfilled:

- 1) ~~A year long required sequence in the fundamentals of statistical analysis: PSYC 650 and PSYC 651.~~ **A comprehensive introduction to the fundamentals of statistical analysis: PSYC 650 or equivalent.**
- 2) A minimum of 3 hours of guided research units within the context of a faculty mentor's program of research.
- 3) At least ~~one~~ **two** additional graduate-level courses on a more specialized methodological topic (~~3~~ **6** credit hours, minimum). The specific course(s) to be taken would be determined based on a student's research needs (point 2 above) and overall career objectives.

**4) Additional graduate-level elective courses or guided research experience as needed to bring total hours completed to the minimum of 18 hours required for the minor.**

Only one course taken to fulfill the requirements of the Minor may be used to fulfill requirements of the student's major.

Key courses that service the ~~RMDA SBSM~~ Minor

Recommended before pursuing minor:

PSYC 500 Intermediate Statistics in Psychological Research (3)

A second course in statistics with emphasis on applications. Analysis of variance, regression, analysis, analysis of contingency tables; possibly selected further topics. Prerequisite: Grade of B or better in PSYC 300.

Required 1<sup>st</sup> course to pursue the minor:

PSYC 650 Statistical Methods in Behavioral and Social Science Research I (4)

Elementary distribution theory; t-test; simple regression and correlation; multiple regression and multiple correlation; curvilinear regression; logistic regression; general linear model. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 790 will have different course requirements. Prerequisite: a beginning course in statistics (e.g., PSYC 300, MATH 365, POLS 306, COMS 356, SOC 510, or equivalent), or consent of instructor. LEC

Optional courses to fulfill minor requirements:

PSYC 651 ~~Statistical Methods in Behavioral and Social Science Research I~~ **ANOVA and other Factorial Designs** (4)

One-way analysis of variance, linear trends, contrasts, post hoc tests; multi-way analysis of variance for crossed, blocked, nested, and incomplete designs; analysis of covariance; repeated measures analysis of variance; general linear model. Applications across the social, educational, and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 791 will have different course requirements. Prerequisites: PSYC 650 (a grade of B or better recommended), or equivalent, or consent of instructor. LEC.

PSYC 687 Factor Analysis (4)

This course covers the theory behind, and application of, exploratory factor analysis. Topics include a review of multiple linear regression and matrix algebra. In-depth coverage is devoted to diagrams, model specification, goodness of fit, model selection, parameter estimation, rotation methods, scale development, and sample size and power issues. Extensions to confirmatory settings are elaborated. Both the theory underlying factor analytic techniques and hands-on application using software are emphasized. Applications across the social and behavioral sciences are emphasized. Course consists of three hours of lecture and, if offered as 4 units, a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 887 will have different course requirements. Prerequisites: PSYC 650 or equivalent, or consent of instructor. LEC/LBN

PSYC 679 Applied Nonparametric statistical methods (4)

This course covers nonparametric statistical methods for testing hypotheses when the assumptions of ordinary parametric statistics are not met. Topics include a review of parametric statistics, sampling distributions, the logic of hypothesis testing, and motivations for using nonparametric techniques. In-depth coverage will be given to distribution-free procedures, sign tests, contingency tables, median tests, chi-square and other goodness-of-fit tests, rank correlations, randomness tests, Monte Carlo methods, resampling methods, tests of independence, 1-sample, 2-sample, and k-sample methods, permutation tests, and function smoothing and splines. There will be an emphasis on the theory underlying nonparametric methods. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and, if offered as 4

units, a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 878 879 will have different course requirements. Prerequisites: PSYC 650 or equivalent, or consent of instructor. LEC/LBN.

#### PSYC 692 Test Theory (4)

This is an introductory course that takes a unified approach (from classical and modern test theory) to the topic of measurement in the behavioral and social sciences. Content covered includes the construction and administration of psychological tests (e.g., intelligence, achievement, and personality); practice in test construction, administration, and validation; and how to assess the reliability and generalizability of an instrument. Applications across the social and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 892 will have different course requirements. Prerequisites: PSYC 650 or equivalent, ~~and 651 (a grade of B or better recommended)~~, or consent of instructor. LEC

#### PSYC 693 Multivariate Analysis (4)

Introduction to the central methods used in the analysis of multivariate data. Includes linear transformations, multivariate analysis of variance, multivariate multiple regression, discriminant analysis, canonical correlation, factor analysis, and an introduction to methods for clustering and classification. Applications across the behavior and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 893 will have different course requirements. Prerequisites: PSYC 650 or equivalent, ~~and 651 (a grade of B or better recommended)~~, or consent of instructor. LEC

#### PSYC 694 Multilevel Modeling I (4)

Introduction to statistical methods for modeling multilevel (hierarchically structured) data. Topics include a review of ordinary least squares regression analysis, random effects ANOVA, intraclass correlation, multilevel regression, testing and probing interactions, maximum likelihood estimation, model assumptions, model evaluation, and the analysis of longitudinal data. Emphasis will be on the theory underlying multilevel modeling techniques and hands-on application using software. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 894 will have different course requirements. Prerequisites: PSYC 650 or equivalent, ~~and 651 (a grade of B or better recommended)~~, or consent of instructor.. LEC

#### PSYC 695 Categorical Data Analysis (4)

Introduction to multivariate analyses of count data, including error models, statistical inference, loglinear models, logit models, logistic regression, homogeneity, symmetry, and selected other topics. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 895 will have different course requirements. Prerequisites: PSYC 650 or equivalent, ~~and 651 (a grade of B or better recommended)~~, or consent of instructor. LEC

#### PSYC 696 Structural Equation Modeling I (4)

Introduction to statistical methods for modeling latent variables. Topics include a review of latent variables, covariance structures analysis, mean structures analysis, confirmatory factor analysis (CFA), structural equation modeling (SEM), multiple group CFA, longitudinal CFA, longitudinal SEM, and hierarchical CFA. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 896 will have different course requirements. Prerequisites: PSYC 650 or equivalent, ~~and 651 (a grade of B or better recommended)~~, or consent of instructor. LEC

#### SOC 6xx Techniques of Demographic Analysis (4)

This course is designed to introduce students to concepts of demographic measurement and analysis for the study of changes in size, composition and distribution of populations. Students will learn how demographers measure and analyze basic population components such as fertility, mortality, migration and health. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students

taking this course as SOC 8xx will have different course requirements. Prerequisites: SOC 510, or consent of instructor. LEC

**JUSTIFICATION:**

- a) Because of curricular changes at the graduate level only PSYC 650 is required as a prerequisite for all the other courses that serve the minor.
- b) PSYC 651 is no longer a 'continuation of PSYC 650' but instead is taught as a stand alone course for which PSYC 650 is a prerequisite.
- c) The Center for Applied Research Methods and Data Analysis is charged with coordinating curriculum offering from across the university. To facilitate this activity, we are requesting the name change to the minor and the four letter catalog listing to provide a central place to find and enroll in courses that serve the undergraduate minor.

b. Old Business

- 1) Change to Existing Psychology BA/BGS Admission Requirements

**PROPOSAL:**

Renumber PSYC 300 Statistics in Psychological Research to PSYC 210 Statistics in Psychological Research. Renumber PSYC 301 Statistics in Psychological Research, Honors to PSYC 211 Statistics in Psychological Research, Honors. Renumber PSYC 310 Research Methods in Psychology to PSYC 200 Research Methods in Psychology. Add PSYC 201 Research Methods in Psychology, Honors.

**CURRENT REQUIREMENTS:**

**Admission to the B.A. and B.G.S. Major.** Students are strongly urged to apply to the major as soon as they meet the requirements. Applications may be submitted during the first two weeks of September, February, or June each year. Students may apply to the major online at [www.psych.ku.edu/psych\\_resources/admissions\\_application.shtml](http://www.psych.ku.edu/psych_resources/admissions_application.shtml).

Students are permitted to major in psychology if, at the time they apply, they meet these criteria:

1. Have completed at least 30 credit hours of college course work.
2. Have completed one semester (at least 9 hours) of courses at KU.
3. Have an overall grade-point average of at least 2.0 (C average).
4. Have satisfactorily completed PSYC 102.
5. Have completed PSYC 104, PSYC 300, or PSYC 310 (or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625), and at least one but not more than three of the psychology core courses (PSYC 318, PSYC 333, PSYC 350, PSYC 360, PSYC 370, PSYC 380)

or their equivalents. Transfer students with more than 9 hours in psychology should consult the undergraduate coordinator to determine eligibility for PSYC 102.

6. Have a grade-point average of at least 2.5 based on grades in PSYC 104, PSYC 300, and/or PSYC 310 (or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625), and all psychology core courses completed at the time of application. PSYC 102 is graded satisfactory/unsatisfactory and not computed in the grade-point average.

The undergraduate advisory committee evaluates applications. Students providing documentation of meeting the criteria are admitted when they apply. Notification is made no later than October 15, March 15, or July 15 for fall, spring, or summer terms respectively. Unsuccessful applicants may reapply during the next application period. Faculty members are aware of the dangers associated with relying solely on grade-point average in selecting students. The department is committed to promoting cultural diversity in its programs, and the undergraduate advisory committee is guided by principles of affirmative action.

**PROPOSED REQUIREMENTS:**

**Admission to the B.A. and B.G.S. Major.** Students are strongly urged to apply to the major as soon as they meet the requirements. Applications may be submitted during the first two weeks of September, February, or June each year. Students may apply to the major online at [www.psych.ku.edu/psych\\_programs\\_undergrad\\_admissions.shtml](http://www.psych.ku.edu/psych_programs_undergrad_admissions.shtml).

Students are permitted to major in psychology if, at the time they apply, they meet these criteria:

1. Have completed at least 30 credit hours of college course work.
2. Have completed one semester (at least 9 hours) of courses at KU.
3. Have satisfactorily completed PSYC 102.
4. Have completed PSYC 104, PSYC **200/201**, or PSYC **210/211**, and at least one but not more than three of the psychology core courses (PSYC 318, PSYC 333, PSYC 350, PSYC 360, PSYC 370, PSYC 380) or their equivalents. Transfer students with more than 9 hours in psychology should consult the undergraduate coordinator to determine eligibility for PSYC 102.
6. Have a grade-point average of at least 2.5 based on grades in PSYC 104, PSYC **200/201**, and/or PSYC **210/211**, and all psychology core courses completed at the time of application. PSYC 102 is graded satisfactory/unsatisfactory and not computed in the grade-point average.

### **Application Term**

**Application to the major should occur in the term in which designated admission course requirements will be initially completed. If a student does not meet established admission GPA criteria or neglects to apply for admission in this term, the student must petition the department for permission for late application. The department, as part of an approved petition, will determine late admission requirements (including GPA and course requirements) and the final deadline for admission.**

The undergraduate advisory committee evaluates applications. Students providing documentation of meeting the criteria are admitted when they apply. Notification is made no later than October 15, March 15, or July 15 for fall, spring, or summer terms respectively. Faculty members are aware of the dangers associated with relying solely on grade-point average in selecting students. The department is committed to promoting cultural diversity in its programs, and the undergraduate advisory committee is guided by principles of affirmative action.

### **JUSTIFICATION:**

The purpose of this change is to encourage students to take these courses earlier in their academic programs. The reason for reversing the order (310 to 200 and 300 to 210, etc.) is to encourage students to take research methods before statistics. We believe this order will allow students to get the most out of statistics and be better prepared for subsequent psychology courses. We cannot make these courses prerequisites for subsequent courses because these courses and our core courses are service courses for many non-psychology majors. Proposed changes in the Psychology Minor do not reflect changes in the requirements already approved but improvements in the wording regarding admission to the major, a list of key courses, and instructions for the student once they have completed the requirements for the minor.

- 2) Change to Existing Developmental Psychology BA/BGS Admission Requirements

### **PROPOSAL:**

Renumber PSYC 300 Statistics in Psychological Research to PSYC 210 Statistics in Psychological Research. Renumber PSYC 301 Statistics in Psychological Research, Honors to PSYC 211 Statistics in Psychological Research, Honors. Renumber PSYC 310 Research Methods in Psychology to PSYC 200 Research Methods in Psychology. Add PSYC 201 Research Methods in Psychology, Honors.

### **CURRENT REQUIREMENTS:**

**Requirements for the B.A. or B.G.S. Degree in Developmental Psychology (Edwards Campus).** This degree, developed primarily with the KU Edwards Campus, offers training in the science of human development across the life span. The curriculum includes core courses in statistics, research methods, and cognitive and social development. Information about specific courses and credit-hour requirements is available on the KU Edwards campus Web site, from the Department of Psychology, or from Dan Mueller, KU Edwards Campus, (913) 897-8659, [dmueller@ku.edu](mailto:dmueller@ku.edu).

Standards for admission to the developmental psychology program are consistent with those for admission to the psychology major on the Lawrence campus. Students may apply to the major after completing 30 semester hours of college course work with an overall grade-point average of at least 2.0. Students must have completed PSYC 104 General Psychology (or equivalent) and PSYC 333 Child Psychology (or equivalent), and

must take either PSYC 300 Statistics in Psychological Research or PSYC 310 Research Methods in Psychology with a grade-point average of at least 2.5 in these courses.

**PROPOSED REQUIREMENTS:**

**Requirements for the B.A. or B.G.S. Degree in Developmental Psychology (Edwards Campus).** This degree, developed primarily with the KU Edwards Campus, offers training in the science of human development across the life span. The curriculum includes core courses in statistics, research methods, and cognitive and social development. Information about specific courses and credit-hour requirements is available on the KU Edwards campus Web site, from the Department of Psychology, or from Dan Mueller, KU Edwards Campus, (913) 897-8659, *dmueller@ku.edu*.

Standards for admission to the developmental psychology program are consistent with those for admission to the psychology major on the Lawrence campus. Students may apply to the major after completing 30 semester hours of college course work. Students must have completed **PSYC 102 Orientation Seminar in Psychology**, PSYC 104 General Psychology (or equivalent) and PSYC 333 Child **Development** (or equivalent), and must take either PSYC **200 Research Methods in Psychology** or PSYC **210 Statistics in Psychological Research or equivalents** with a grade-point average of at least 2.5 in these courses.

**JUSTIFICATION:**

The purpose of this change is to encourage students to take these courses earlier in their academic programs. The reason for reversing the order (310 to 200 and 300 to 210, etc.) is to encourage students to take research methods before statistics. We believe this order will allow students to get the most out of statistics and be better prepared for subsequent psychology courses. We cannot make these courses prerequisites for subsequent courses because these courses and our core courses are service courses for many non-psychology majors. Proposed changes in the Psychology Minor do not reflect changes in the requirements already approved but improvements in the wording regarding admission to the major, a list of key courses, and instructions for the student once they have completed the requirements for the minor.

- 3) Request for Cognitive Psychology BS Admission Requirements

**PROPOSED REQUIREMENTS:**

**Admissions Requirements for the BS degree**

1. Must have completed at least 30 semester hours of college course work.
2. Must have completed at least one semester (9 hrs.) of courses at KU.
3. Must have satisfactorily completed PSYC 102 and PSYC 104.
4. Must have completed PSYC 200/201 or PSYC 210/211 and at least one of core courses (370 or 380), or their equivalents.
5. Must have a GPA of 2.50 based on grades in PSYC 200/201 or PSYC 210/211 and all of the psychology core courses (370, 380, 625 or their equivalents) completed at the time of applying. If student has completed both Psyc 200/201 and 210/211 at the time of admission then both grades will be calculated into their admission GPA.

Students providing documentation of meeting these five criteria will be admitted to the major when they apply.

Application Term

Application to the major should occur in the term in which designated admission course requirements will be initially completed. If a student does not meet established admission GPA criteria or neglects to apply for admission in this term, the student must petition the department for permission for late application. The departments, as part of an approved petition, will determine late admission requirements (including GPA and course requirements) and the final deadline for admission.

- 4) Request for Psychology Minor Admission Requirements

**PROPOSAL:**

Renumber PSYC 300 Statistics in Psychological Research to PSYC 210 Statistics in Psychological Research. Renumber PSYC 301 Statistics in Psychological Research, Honors to PSYC 211 Statistics in Psychological Research, Honors. Renumber PSYC 310

Research Methods in Psychology to PSYC 200 Research Methods in Psychology. Add PSYC 201 Research Methods in Psychology, Honors. This change is requested for the **Psychology minor**. (Similar changes to the BA&BGS Psychology, the BS in Behavioral Neuroscience (the old BS in Cognitive Psychology, the Developmental Psychology BA and BGS degrees at the Edwards Campus, and the Research Methods and Data Analysis minor will be presented separately).

**CURRENT REQUIREMENTS:**

(not in present catalog but submitted 8/4/08 and later approved)

**Psychology Minor**

A minor in Psychology consists of 18 hours of Psychology courses including:

PSYC 102 - Orientation Seminar in Psychology .....	1 hour
PSYC 104/105 - General Psychology .....	3 hours
Psychology Electives (2 elective courses must be PSYC 318/319, 333/334, 350/351, 360/361, 370/371, or 380/381) .....	14 hours
Total hours for the minor .....	18 hours

Elective courses may include any undergraduate courses offered by the Department of Psychology including PSYC 480 - Independent Study, PSYC 481 - Research Practicum, and PSYC 483 - Undergraduate Internship in Psychology. A maximum of 3 hours of PSYC 480, 3 hours of 481, and 3 hours of 483 may count toward the minor.

Students must fill out a minor declaration form after completing PSYC 102 and 104, complete the minor with a 2.0 psychology GPA or above, obtain a Minor Certification Sheet from our department advising specialist and meet with a department faculty member for review and signature on the Minor Certification Sheet.

Students seeking a minor in psychology may also benefit from focusing their elective courses to emphasize a specific aspect of psychology which may fit with their overall career goals. Examples of typical course groupings (emphases) which might be considered but are not required can be found at [http://www.psych.ku.edu/psych\\_programs/undergrad\\_emphasis.shtml](http://www.psych.ku.edu/psych_programs/undergrad_emphasis.shtml).

**PROPOSED REQUIREMENTS:**

**Psychology Minor**

Psychology is the scientific study of human thinking, feeling and behavior. An understanding of how and why humans think, feel and behave as they do can be helpful in the pursuit of many careers, and in dealing with many common life experiences. Therefore, a minor in psychology can be of great worth to students.

**Requirements for the minor.**

A minor in Psychology consists of 18 hours of Psychology courses, **12 of which must be taken at the junior/senior level, including:**

PSYC 102 - Orientation Seminar in Psychology .....	1 hour
PSYC 104/105 - General Psychology .....	3 hours
Psychology Electives (2 elective courses must be PSYC 318/319, 333/334, 350/351, 360/361, 370/371, or 380/381) .....	14 hours
Total hours for the minor .....	18 hours

Elective courses may include any undergraduate courses offered by the Department of Psychology including PSYC 480 - Independent Study, PSYC 481 - Research Practicum, and PSYC 483 - Undergraduate Internship in Psychology. A maximum of 3 hours of PSYC 480, 3 hours of 481, or 3 hours of 483 may count toward the minor.

**Admission to the Minor. Students must have a 2.0 GPA in all psychology courses taken prior to the time of application for admission to the minor. Students must fill out a Minor Declaration form after successfully completing PSYC 102 and PSYC 104, and have it signed by the Psychology Advising Specialist.**

Students seeking a minor in psychology may also benefit from focusing their elective courses to emphasize a specific aspect of psychology which may fit with their overall career goals. Examples of typical course groupings (emphases) which might be considered but are not required can be found at [http://www.psych.ku.edu/psych\\_programs/undergrad\\_emphasis.shtml](http://www.psych.ku.edu/psych_programs/undergrad_emphasis.shtml).

Key courses include: PSYC 102 Orientation Seminar in Psychology, PSYC 104 General Psychology, PSYC 200 Research Methods in Psychology, PSYC 210 Statistics in Psychological Research, PSYC 318 Cognitive Psychology, PSYC 333 Child Development, PSYC 350 Abnormal Psychology, PSYC 360 Social Psychology, PSYC 370 Brain and Behavior, and PSYC 380 Brain and Pathology (and their honors equivalents).

When students have completed the 18 hours for the minor (or will complete them with courses they are enrolled in) with a minimum 2.0 GPA in the psychology courses, students obtain a Minor Certification Sheet from the Psychology Advising Specialist and meet with a psychology faculty member for review and signature on the Minor Certification Sheet.

**JUSTIFICATION:**

The purpose of this change is to encourage students to take these courses earlier in their academic programs. The reason for reversing the order (310 to 200 and 300 to 210, etc.) is to encourage students to take research methods before statistics. We believe this order will allow students to get the most out of statistics and be better prepared for subsequent psychology courses. We cannot make these courses prerequisites for subsequent courses because these courses and our core courses are service courses for many non-psychology majors. Proposed changes in the Psychology Minor do not reflect changes in the requirements already approved but improvements in the wording regarding admission to the major, a list of key courses, and instructions for the student once they have completed the requirements for the minor.

- 5) Change to Existing Psychology Major

**PROPOSAL:**

Renumber PSYC 300 Statistics in Psychological Research to PSYC 210 Statistics in Psychological Research. Renumber PSYC 301 Statistics in Psychological Research, Honors to PSYC 211 Statistics in Psychological Research, Honors. Renumber PSYC 310 Research Methods in Psychology to PSYC 200 Research Methods in Psychology. Add PSYC 201 Research Methods in Psychology, Honors.

This change is requested for the **Psychology BA, BGS degrees**. (the BS in Behavioral Neuroscience (the old BS in Cognitive Psychology, the Developmental Psychology BA and BGS degrees at the Edwards Campus, the Psychology minor, and the Research Methods and Data Analysis minor will have similar changes addressed in separate proposals.)

**CURRENT REQUIREMENTS:**

**Requirements for the B.A. and B.G.S. Major.** A minimum of 37 hours is required. At least 27 of these hours must be in courses numbered 300 and higher. No more than 3 hours of PSYC 480 Independent Study may be counted toward the 37-hour requirement.

**Required Courses** (25 hours or 28 hours if PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 is taken)

PSYC 102 Orientation Seminar in Psychology .....	1
PSYC 104 or PSYC 105 General Psychology .....	3
PSYC 300 or PSYC 301 Statistics in Psychological Research .....	3
PSYC 310 Research Methods in Psychology (3) or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 Experimental Psychology: ____ (6)	
.....	3-6
Cognitive Psychology: PSYC 318 or PSYC 319 Cognitive Psychology, honors .....	3
Child Psychology: PSYC 333 or PSYC 334 Child Psychology, honors .....	3
Abnormal Psychology: PSYC 350 or PSYC 351 Abnormal Psychology, honors ...	3
Social Psychology: PSYC 360 or PSYC 361 Social Psychology, honors	
.....	3
Biological Psychology: PSYC 370 or PSYC 371 Brain and Behavior, honors (3) or PSYC 380 or PSYC 381 Brain and Pathology, honors (3) .....	3

A student may not take more than 3 of the core courses before being admitted to the major. If a student enrolls in a fourth core course before being admitted to the major, the student is notified and administratively dropped from the course.

**Elective Courses** (12 hours minimum). At least 6 of these hours must be completed with courses numbered 300 and higher.

**Emphasis.** For interested students, the department offers five areas of emphasis: cognitive psychology; child and family psychology; personality, health and abnormal psychology; social psychology, and neurological psychology. For more information, visit [www.psych.ku.edu/psych\\_programs/undergrad\\_emphasis.shtml](http://www.psych.ku.edu/psych_programs/undergrad_emphasis.shtml).

**PROPOSED REQUIREMENTS:**

**Requirements for the B.A. and B.G.S. Major.** A minimum of 37 hours is required. At least **21** of these hours must be in courses numbered 300 and higher. No more than 3 hours of PSYC 480 Independent Study, **3 hours of PSYC 481 Research Practicum, and 3 hours of PSYC 483 Undergraduate Internship in Psychology** may be counted toward the 37-hour requirement.

**Required Courses** (25 hours or 28 hours if PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 is taken)

PSYC 102 Orientation Seminar in Psychology .....	1
PSYC 104 or PSYC 105 General Psychology .....	3
PSYC 200/201 Research Methods in Psychology.....	3
PSYC 210/211 Statistics in Psychological Research .....	3
Cognitive Psychology: PSYC 318/319... ..	3
Child Development: PSYC 333/334 .....	3
Abnormal Psychology: PSYC 350/351... ..	3
Social Psychology: PSYC 360/361 .....	3
Biological Psychology: PSYC 370/371 (3) or PSYC 380/381 .....	3

A student may not take more than 3 of the core courses before being admitted to the major. If a student enrolls in a fourth core course before being admitted to the major, the student is notified and administratively dropped from the course.

**Elective Courses** (12 hours minimum). At least 6 of these hours must be completed with courses numbered 300 and higher.

**Emphasis.** For interested students, the department offers five areas of emphasis: cognitive psychology; child and family psychology; personality, health and abnormal psychology; social psychology, and neurological psychology. For more information, visit [www.psych.ku.edu/psych\\_programs/undergrad\\_emphasis.shtml](http://www.psych.ku.edu/psych_programs/undergrad_emphasis.shtml).

**JUSTIFICATION:**

The purpose of this change is to encourage students to take these courses earlier in their academic programs. The reason for reversing the order (310 to 200 and 300 to 210, etc.) is to encourage students to take research methods before statistics. We believe this order will allow students to get the most out of statistics and be better prepared for subsequent psychology courses. We cannot make these courses prerequisites for subsequent courses because these courses and our core courses are service courses for many non-psychology majors. Proposed changes in the Psychology Minor do not reflect changes in the requirements already approved but improvements in the wording regarding admission to the major, a list of key courses, and instructions for the student once they have completed the requirements for the minor.

- 6) Change to Existing Developmental Psychology Major

**PROPOSAL:**

Renumber PSYC 300 Statistics in Psychological Research to PSYC 210 Statistics in Psychological Research. Renumber PSYC 301 Statistics in Psychological Research, Honors to PSYC 211 Statistics in Psychological Research, Honors. Renumber PSYC 310 Research Methods in Psychology to PSYC 200 Research Methods in Psychology. Add PSYC 201 Research Methods in Psychology, Honors.

This change is requested for the **Developmental Psychology BA and BGS degrees at the Edwards Campus**. (Similar changes to the BA&BGS Psychology, the BS in Behavioral Neuroscience (the old BS in Cognitive Psychology, the Psychology minor, and the Research Methods and Data Analysis minor will be presented separately).

**CURRENT REQUIREMENTS:**

**Requirements for the B.A. or B.G.S. Degree in Developmental Psychology (Edwards Campus).** This degree, developed primarily with the KU Edwards Campus, offers training in the science of human development across the life span. The curriculum includes core courses in statistics, research methods, and cognitive and social

development. Information about specific courses and credit-hour requirements is available on the KU Edwards campus Web site, from the Department of Psychology, or from Dan Mueller, KU Edwards Campus, (913) 897-8659, [dmueller@ku.edu](mailto:dmueller@ku.edu).

Standards for admission to the developmental psychology program are consistent with those for admission to the psychology major on the Lawrence campus. Students may apply to the major after completing 30 semester hours of college course work with an overall grade-point average of at least 2.0. Students must have completed PSYC 104 General Psychology (or equivalent) and PSYC 333 Child Psychology (or equivalent), and must take either PSYC 300 Statistics in Psychological Research or PSYC 310 Research Methods in Psychology with a grade-point average of at least 2.5 in these courses.

**Required Courses.** A total of 30 hours is required.

*Level I* (9 hours). PSYC 300 Statistics in Psychological Research, PSYC 310 Research Methods in Psychology, and PSYC 333 Child Psychology *Level II* (6 hours). PSYC 430 Cognitive Development and PSYC 435 Social and Personality Development *Level III* (9 hours, any three of the following courses). PSYC 480 Independent Study\*, PSYC 490 Theories and Concepts of Child Development, PSYC 510 Infant Behavior and Development, PSYC 520 Memory and Eyewitness Testimony in Children, PSYC 531 Language Development, PSYC 535 Developmental Psychopathology, PSYC 626 Psychology of Adolescence, PSYC 642 The Psychology of Families, PSYC 691 The Psychology of Aging.

\*No more than 3 credit hours of PSYC 480 may be applied toward the first 30 hours of the major.

*Elective Courses* (6 hours). Any 6 hours of psychology courses numbered higher than 300 meet the elective course requirement.

#### **PROPOSED REQUIREMENTS:**

**Requirements for the B.A. or B.G.S. Degree in Developmental Psychology (Edwards Campus).** This degree, developed primarily with the KU Edwards Campus, offers training in the science of human development across the life span. The curriculum includes core courses in statistics, research methods, and cognitive and social development. Information about specific courses and credit-hour requirements is available on the KU Edwards campus Web site, from the Department of Psychology, or from Dan Mueller, KU Edwards Campus, (913) 897-8659, [dmueller@ku.edu](mailto:dmueller@ku.edu).

Standards for admission to the developmental psychology program are consistent with those for admission to the psychology major on the Lawrence campus. Students may apply to the major after completing 30 semester hours of college course work. Students must have completed **PSYC 102 Orientation Seminar in Psychology**, PSYC 104 General Psychology (or equivalent) and PSYC 333 Child **Development** (or equivalent), and must take either **PSYC 200/201 Research Methods in Psychology** or **PSYC 210/211 Statistics in Psychological Research or equivalents** with a grade-point average of at least 2.5 in these courses.

#### **Application Term**

**Application to the major should occur in the term in which designated admission course requirements will be initially completed. If a student does not meet established admission GPA criteria or neglects to apply for admission in this term, the student must petition the department for permission for late application. The departments, as part of an approved petition, will determine late admission requirements (including GPA and course requirements) and the final deadline for admission.**

**Required Courses.** A total of 30 hours is required.

*Level I* (9 hours). **PSYC 200/201 Research Methods in Psychology, 210/211 Statistics in Psychological Research, and PSYC 333 Child Development**

*Level II* (6 hours). PSYC 430 Cognitive Development and PSYC 435 Social and Personality Development

*Level III* (9 hours, any three of the following courses). PSYC 480 Independent Study\*, PSYC 490 Theories and Concepts of Child Development, PSYC 510 Infant Behavior and Development, PSYC 520 Memory and Eyewitness Testimony in Children, PSYC 531 Language Development, PSYC 535 Developmental Psychopathology, PSYC 626 Psychology of Adolescence, PSYC 642 The Psychology of Families, PSYC 691 The Psychology of Aging

\*No more than 3 credit hours of PSYC 480 may be applied toward the first 30 hours of the major.

*Elective Courses* (6 hours). Any 6 hours of psychology courses numbered higher than 300 meet the elective course requirement.

**JUSTIFICATION:**

The purpose of this change is to encourage students to take these courses earlier in their academic programs. The reason for reversing the order (310 to 200 and 300 to 210, etc.) is to encourage students to take research methods before statistics. We believe this order will allow students to get the most out of statistics and be better prepared for subsequent psychology courses. We cannot make these courses prerequisites for subsequent courses because these courses and our core courses are service courses for many non-psychology majors. Proposed changes in the Psychology Minor do not reflect changes in the requirements already approved but improvements in the wording regarding admission to the major, a list of key courses, and instructions for the student once they have completed the requirements for the minor.

- 7) Change to Existing Cognitive Psychology Major AND name of Cognitive Psychology BS Degree

**CURRENT DEGREE NAME & REQUIREMENTS:**

**BS Cognitive Psychology**

A total of 84 hours with classes in these four areas and additional electives

**Humanities**

ENGL 101 & 102 (6 hrs.)

ENGL 203, 205, 209, 210, or 211 (3 hrs.)

COMS 130 or PHIL 148 (3 hrs.)

WC 204-205 or WC 234-235 (6 hrs.)

Two electives in humanities (6 hrs.)

**Natural Sciences** - A minimum of 15 hours; two of the following three sequences, an extension of one, or an approved alternative.

BIOL 150 & 305 (7 hrs.)

CHEM 184 & 188 (10 hrs.)

PHYS 114 & 115 (8 hrs.)

**Mathematics** - A minimum of 12 hours, 6 of which must be calculus or calculus based. Recommended sequence is shown below.

MATH 111 Matrix Algebra, Probability, and Statistics (3)

MATH 115 Calculus I (3)

MATH 116 Calculus II (3)

MATH 526 Applied Mathematical Statistics I (3)

**Computing** - A minimum of 9 hours. Specific courses are flexible. Some possible options Include:

EECS 128 Intro to Computer-Info systems (3)

EECS 138 Intro to Computing (3)

EECS 138 Intro to Computing (3)

EECS 140 Intro to Digital Logic Design (3)

**Cognitive Psychology Studies**

A total of at least 40 hours with classes in these four areas and additional psychology electives.

**Cognitive Psychology Courses** - A minimum of four of the following/12 hours total

PSYC 318 Cognitive Psychology (3 Hours)

PSYC 370 Brain and Behavior (3 Hours)

PSYC 418 Introduction to Cognitive Science (3 Hours)

PSYC 422 Intelligence and Cognition (3 Hours)

PSYC 430 Cognitive Development (3 Hours)

PSYC 475 Cognitive Neuroscience (3 Hours)

PSYC 482 Sensation and Perception (3 Hours)

PSYC 518 Human Memory (3 Hours)

PSYC 536 The Psychology of Language (3 Hours)

PSYC 550 Psychology of Reading (3 Hours)

**Laboratory Courses** - 9 Hours Total

PSYC 310 Research Methods in Psychology (3 Hours)

*and choose one:*

PSYC 618 Experimental Psychology: Human Learning (6 Hours)

PSYC 620 Experimental Psychology: Sensation, Perception, and Cognition (6 Hours)

PSYC 622 Experimental Psychology: Social Behavior (6 Hours)

PSYC 624 Experimental Psychology: Clinical Psychology (6 Hours)

PSYC 625 Experimental Psychology: Cognitive Neuroscience (6 Hours)

**Quantitative Courses** – 9 Hours Minimum, specific courses are flexible. Some possible options include:

PSYC 300 Statistics in Psychological Research (3 Hours)

PSYC 500 Intermediate Statistics in Psychological Research (3 Hours)

PSYC 650 Statistical Methods in Behavioral and Social Science Research I (4 Hours)

PSYC 651 Statistical Methods in Behavioral and Social Science Research II (4 Hours)

PSYC 679 Applied Nonparametric Statistical Methods (4 Hours)

PSYC 687 Factor Analysis (4 Hours)

PSYC 692 Test Theory (4 Hours)

PSYC 693 Multivariate Analysis (4 Hours)

PSYC 694 Multilevel Modeling (4 Hours)

PSYC 695 Categorical Data Analysis (4 Hours)

PSYC 696 Structural Equation Modeling (4 Hours)

**Applied Research Experience** - 3 Hours Minimum

PSYC 480 Independent Study (1 - 3 Hours)

PSYC 460 Psychology Honors (1 - 3 Hours)

**PROPOSED CHANGE TO NAME OF DEGREE:** BS in Behavioral Neuroscience

**PROPOSED CHANGE TO DEGREE REQUIREMENTS:**

**Non-psychology- General Education Courses.**

A total of 84 hours with classes in these four areas and additional electives

**Humanities**

English: ENGL 101 & 102 (6 hrs.) & ENGL 203, 205, 209, 210, or 211 (3 hrs.)

Argument and Reason: COMS 130 or PHIL 148 (3 hrs.)

Western Civilization: WC 204-205 (6 hrs.)

Humanities: Two electives in humanities (6 hrs.)

**Natural Sciences** -- A minimum of 15 hours; two of the following four sequences, an extension of one, or an approved alternative

Biology: BIOL 150 & 152 (8 hrs.)

Chemistry: CHEM 184 & 188 (10 hrs.)

Physics: PHYS 114 & 115 (8 hrs.)

Biological Anthropology: ANTH 104/304 & 340, 341, 350, 442, or 447 (6 hrs.)

**Mathematics** -- A minimum of 12 hours, 6 of which must be calculus or calculus based MATH 103 (3 hrs.)

[MATH 115](#) & 116 (6 hrs.)

plus one additional MATH course

**Computing** -- a minimum of 6 hours

[EECS 138](#) Intro to Computing (3 hrs.)

The second 3 hours could either be a second semester of EECS 138 (focused on a second programming language) or be from an additional approved course that provides an opportunity to gain computing experience. This second course could be PSYC 480 or PSYC 481 if this Independent Study requires independent, original application of the student's computing skills such as computer simulation of cognitive processes, or experience with computationally complex neuroscience techniques, such as brain imaging and mapping, or physiological data collection and analysis.

**Behavioral Neuroscience- Required Psychology Courses-** A total of at least 40 hours with classes in these four areas (28 hrs.), and additional JR/SR-level psychology electives or approved neuroscience related courses (12 hrs.).

**Behavioral Neuroscience Psychology Courses** --6 hours total

[PSYC 370/371](#) Brain and Behavior (3 hrs.)

PSYC 380/381 Brain and Pathology (3 hrs.)

PSYC 644 Pharmacology and Behavior (3 hrs.)

**Laboratory Courses** -- 9 hours total

PSYC 200/201 Research Methods in Psychology (3 hrs.)

[PSYC 625](#) Exp Psychology: Cognitive Neuroscience and Psychophysiology (6 hrs.)

**Quantitative Courses** -- a minimum of 9 hours

[PSYC 210/211](#) Statistics in Psychological Research (3 hrs.)

PSYC 500 Intermediate Statistics in Psychological Research (3 hrs.)

PSYC 650 Statistical Methods in Behavioral and Social Science Research I (4 hrs.)

PSYC 651 Statistical Methods in Behavioral and Social Science Research II (4 hrs.)

PSYC 679 Applied Nonparametric Statistical Methods (4 hrs.)

PSYC 687 Factor Analysis (4 hrs.)

PSYC 692 Test Theory (4 hrs.)  
PSYC 693 Multivariate Analysis (4 hrs.)  
PSYC 694 Multilevel Modeling (4 hrs.)  
PSYC 695 Categorical Data Analysis (4 hrs.)  
PSYC 696 Structural Equation Modeling (4 hrs.)  
**Applied Research Experience** -- 4 hour minimum  
PSYC 449 Laboratory/Field Work in Human Biology  
PSYC 460 Psychology Honors  
PSYC 480 Independent Study  
PSYC 481 Research Practicum  
**Elective Courses in Psychology or other disciplines** – 12 hour minimum  
PSYC 412 Introduction to Motivation and Emotion (3 hrs.)  
PSYC 418 Introduction to Cognitive Science (3 hrs.)  
PSYC 432 Human Behavioral Genetics (3 hrs.)  
PSYC 482 Sensation and Perception (3 hrs.)  
PSYC 555 Evolutionary Psychology (3 hrs.)  
PSYC 605 Health Psychology (3 hrs.)  
PSYC 630 Clinical Psychology (3 hrs.)  
PSYC 646 Mental Health & Aging (3 hrs.)  
PSYC 656 Social Neuroscience (3 hrs.)  
PSYC 678 Drugs and Behavior (3 hrs.)  
LING 438 Neurolinguistics (3 hrs.)  
SPLH 320 Introduction to the Neuroscience of Human Communication (3 hrs.)

### **Admissions Requirements for the BS degree**

1. Must have completed at least 30 semester hours of college course work.
2. Must have completed at least one semester (9 hrs.) of courses at KU.
3. Must have satisfactorily completed PSYC 102 and PSYC 104.
4. Must have completed PSYC 200/201 or PSYC 210/211 and at least one of core courses (370 or 380), or their equivalents.
5. Must have a GPA of 2.50 based on grades in PSYC 200/201 or PSYC 210/211 and all of the psychology core courses (370, 380, 625 or their equivalents) completed at the time of applying. If student has completed both Psyc 200/201 and 210/211 at the time of admission then both grades will be calculated into their admission GPA. Students providing documentation of meeting these five criteria will be admitted to the major when they apply.

### **Application Term**

**Application to the major should occur in the term in which designated admission course requirements will be initially completed. If a student does not meet established admission GPA criteria or neglects to apply for admission in this term, the student must petition the department for permission for late application. The departments, as part of an approved petition, will determine late admission requirements (including GPA and course requirements) and the final deadline for admission.**

### **JUSTIFICATION:**

First, this modification of our current Bachelor's of Science degree reflects changes in emphasis that have happened in the Department of Psychology at KU. Our department has moved towards a greater emphasis on Neuroscience as reflected by both recent hires in our department (with the addition of new Neuroscientists in both our Clinical (2) and Social Psychology (1) programs) and with regards to our goals for future growth in the department (with the plan of hiring one or two new Neuroscience focused faculty in the future). Secondly, we believe that this change in our BS degree accurately reflects a broader change in the field of Psychology as a whole. Over time the so-called "Cognitive Revolution" in psychology has given way to a new focus on Neuroscientific and Neuropsychological methods and theories, which now thoroughly permeate our discipline. For this reason, we know that a greater and greater number of our undergraduate majors are looking for a way to focus on this intersection of Neuroscience and Psychological theory. Thus, as a department we think that there is a clear need for this kind of undergraduate degree program and that we are now, in part because of both new hires and planned hires, in a position to support this restructured BS degree.