I. Approval of CUSA Minutes from January 26, 2010
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:
         NEW COURSES: FMS 317, FMS 376
         OTHER: FMS 380 – New request for KUCE offering and description change
      2. Degree Requirements for Approval:
         Old Business
         a) Change to Existing Cognitive Psychology Major and name of Cognitive Psychology BS Degree to Behavioral Neuroscience
C. Academic Standards Report
VI. 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?
The committee met on Tuesday, January 26, 2010, at 11:00 a.m. in Room 210 Strong Hall. The following were present: Banwart, Blackmore, Bradley, Burright, Comer, Crosby, Dozier, Earnhart, Fischer, Kuczera, Ledom, Manning, McNeley, Mielke, Phillips, Roberts, Tucker

Also attending as guest: Dr. Eric Hanley, Sociology

**MINUTES** A motion was made to approve as written the December 8, 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 dispensed with the Chair’s report in order to move forward with the remaining business.

**DEAN’S REPORT** No report.

**CLA&S STUDENT ACADEMIC SERVICES REPORT** Assistant Dean McNeley reported that Associate Dean Cudd is chairing a task force that is working on online student courses and there should be some feedback from the task force probably in March. The task force is comprised of representatives from across the College and they are looking at issues ranging from how enrollment would be accomplished and how those courses would be designated, to questions of course content and if the learning outcomes are comparable to those in more traditional lecture or independent study course formats.

Dr. McNeley reminded members that the Advising & Awards subcommittee started work on the informational/promotional document used to communicate about the BGS, Liberal Arts & Sciences degree option (see Attachment A to the 1/26/10 Minutes). She noted that the document begins with much of the language that was contributed by the Advising & Awards subcommittee, and said there had been strong feedback about making sure the document was clear about what this option was not, so there were bullet points at the bottom of the first page about that. Dr. McNeley referred to the second page of the document, where the requirements to select and complete this option are listed. She noted clarification was included that was believed to have captured the intent of the group who voted on this option, including making sure students understand that if they choose this option, even if they began earlier at KU, they would be bound by the 100 hours in the College requirement, because that was the purpose to having the breadth of the College degree requirements. A question was asked about the requirement to have taken courses in 15 different departments before being eligible to select this degree option. Dr. McNeley confirmed that this was an important requirement because it encouraged students to begin a purposeful exploration of the different majors available in the College early on. She added that the requirement to have completed the Math and English general education requirements before being eligible to select this option is for a similar reason, to encourage students to complete these requirements early in their careers to avoid a possible delay in their final terms due to one of these requirements being unfulfilled. Another question was raised, mentioning that meeting these requirements before selecting the option would mean students would be selecting it in their junior or possibly senior years. It was noted that this is often the case for students declaring majors in the College as well, and it would ensure students were engaged in the advising process each term, to make sure this option is a good one for them, and that it best meets their needs after they’ve fully explored their options and completed their Math and English requirements.

Dr. McNeley reported that CUSA’s feedback had been requested regarding KU’s record retention policy, specifically, the appropriate length of time a faculty member should be expected to keep the actual exams, etc., submitted by students after a semester is over. Discussion included issues regarding the length of time a student can appeal a grade, where an opinion had been given of six months after the end of a course; the fact that instructors can change a grade online for one year with respect to grades of incomplete when the work has been completed; the issue of students who apply for retroactive withdrawal from courses and instructors’ feedback is requested regarding the student’s performance in that class; and the point that both the actual product and the electronic records retention need to be addressed. General opinion was, for physical proof, six months to a year (taking the incompletes issue into account), or six months from the time a formal grade has been assigned. Regarding retroactive withdrawal, excluding major medical issues, deployment, proof of full-time enrollment in another institution, things of that nature, the suggestion was one year. There was agreement that the Academic Standards subcommittee would discuss this further and bring a recommendation back to CUSA for discussion.

It was also noted that Associate Dean Cudd would not be able to attend the remaining Spring 2010 CUSA meetings and Dr. McNeley would act as a conduit for the report that Dr. Cudd would give, and to relay feedback to the Dean, with clarification that if additional insight is needed regarding a specific topic, that would be sought as well.
SUBCOMMITTEE CHAIR REPORTS

A. ADVISING & AWARDS – No report

B. CURRICULAR CHANGES/DEGREE REQUIREMENTS

1. Curricular Changes for Approval:

   Old Business

   NEW COURSES: GIST 698, GIST 699

   Dr. Banwart forwarded the motion from the subcommittee to approve the above courses, which are included in the new Global and International Studies Major that had just been approved. A friendly amendment was made to the language in the last sentence of both courses descriptions to read, “Prerequisite: 12 hours of junior/senior level and above courses that satisfy requirements for the major.” With that amendment, the motion was seconded and passed unanimously.

   New Business

   NEW COURSES: CHEM 295, ENGL 305, GINS 305, WS 570, WS 575

   Dr. Banwart proposed approval of ENGL 305 and GINS 305 because they are cross-listed. The motion was seconded, there was no discussion, and the motion was approved unanimously. The next proposal was made to approve WS 570, WS 575, HWC 570 and HWC 575, because WS 570 is cross-listed with HWC 570 and WS 575 is cross-listed with HWC 575. Clarification was made that the WS rubric would be checked to be sure the WGSS rubric had been fully approved, and would be changed for the CAC agenda once that was confirmed. The motion was seconded and passed unanimously.

   A proposal was made to approve new course CHEM 295 and change to CHEM 696, noting that CHEM 696 was a 1 credit hour course for lower- and upper-level students, and this proposal splits that into the new CHEM 295, a 0.5 credit hour course for lower-level students and CHEM 695, a 0.5 credit hour course for upper-level students, so the hour had not changed, but had been split. After some discussion the motion was seconded and was approved unanimously.

   CHANGES: ANTH 699, CHEM 696, EALC 410, EALC 411, HWC 570, HWC 575

   The next proposal was made to approve EALC 410 and EALC 411 changes in course descriptions. The motion was seconded and was approved unanimously.

   A proposal was then made to approve the change to ANTH 699 course description and title. The motion was seconded and was approved unanimously.

2. Degree Requirements for Approval:

   Old Business

   a. Change to Existing Social and Behavioral Sciences Methodology Minor

      Clarification was made that the only portion being voted on at this point in the meeting is the change regarding the removal of PSYC 651 as a requirement. There was discussion regarding the definition of “equivalent” in the sentence, “A comprehensive introduction to the fundamentals of statistical analysis: PSYC 650 or equivalent.” After additional discussion, a motion was made to approve this change. The motion passed with a majority vote, with three opposed.

   b. Change Existing Co-major in International Studies to Stand Alone Major in Global and International Studies

   c. Create Admission Requirements for the Proposed Major in Global and International Studies

   d. Create Requirements for Departmental Honors in the Proposed Major in Global and International Studies

   e. Create New Minor in Global and International Studies

   Dr. Manning introduced Professor Eric Hanley, who had joined the meeting to be available for questions regarding the Global and International Studies Degree Requirements for Approval agenda items 2.b. through 2.e. Professor Banwart forwarded from the subcommittee a motion to approve item 2.b., and it was seconded. A question was raised,
asking if students complete the major in Global and International Studies, where did Professor Hanley see those students going if they want to pursue graduate studies? Dr. Hanley responded that this would be addressed in advising sessions with students up front, to ensure students were clear that satisfying the requirements for the major would not necessarily also satisfy all the admission requirements of specific graduate programs. The vote on item 2.b. was held, and the motion passed unanimously.

A motion was made to approve item 2.c., and it was seconded A question was asked about the requirement to complete a 4th semester proficiency language course (or demonstrated proficiency) prior to being eligible to apply for the major, noting that may mean students could not declare the major until their junior year if they started their first language course in their first year. Dr. Hanley confirmed that was correct, because there is an additional language requirement in the major. He said that this requirement could also be petitioned on a case-by-case basis if all other requirements looked good and the student was doing well in the language courses. Another question was raised regarding category 3. of the minimum requirements to apply for the major, asking if the minimum GPA of “…2.70 or higher in the courses completed from the list above” included the 4th semester proficiency language course. After some discussion, Dr. Hanley agreed to amend that to specify the 2.70 minimum GPA referred to the courses taken from the list in category 2. only. The motion was amended to change the language in Step 1, 3., to “Global and International Studies Admission GPA Minimum: 2.70 or higher in the courses completed from the list above in category 2. only.” The motion passed unanimously.

A motion was made to approve item 2.d., regarding the creation of requirements for departmental honors in the Global and International Studies major, and clarification was made that the requirements in this proposal are pretty standard with other departmental honors in the College. The motion was seconded and it passed unanimously.

A motion was made to approve item 2.e., regarding creation of a new minor in Global and International Studies, and it was seconded. After some discussion about the proposal, the vote was taken and the motion passed unanimously.

f. Change to Existing Psychology and Developmental Psychology BA/BGS Majors
After completing the remaining Curricular Change proposals as noted above, Dr. Banwart moved to Degree Requirements, Old Business, item f., the proposed Change to Existing Psychology and Developmental Psychology BA/BGS Majors. A motion to approve was made, seconded and it passed unanimously.

New Business

g. Non-Western Culture Status for ENGL 305 and GINS 305

h. Change to Existing B.A. and B.S. Chemistry Major (All Emphases)

i. Change to Existing B.S. Chemistry Major (All Emphases)

j. Change to Existing B.A. and B.G.S. Environmental Studies Major and Existing Environmental Studies Minor

k. Change to Admission Requirements to Existing Political Science Major

The next proposal was for New Business, item g., the request for Non-Western Culture Status for the newly-approved ENGL 305 and GINS 305. The motion was made to approve, it was seconded and passed unanimously.

A proposal was then made to vote on New Business, items h. and i., with the explanation that these items were separated because the first change had to do with the newly-approved CHEM 295 and CHEM 695, and the other change had to do with a math requirement. The items were voted upon separately. A motion was made to approve item h., it was seconded and passed unanimously. A motion was then made to approve item i., it was seconded and passed unanimously.

Dr. Banwart then forwarded a motion to approve item j., the Change to Existing B.A. and B.G.S. Environmental Studies Major and Existing Environmental Studies Minor. The motion was seconded and it passed unanimously.

The next proposal was for item k., the Change to Admission Requirements to Existing Political Science Major. It was noted this proposed change brings the Political Science Admission requirements into compliance with the College-wide template for such requirements. A motion to approve was made, seconded, and was passed unanimously.
After voting on Degree Requirements Old Business, item a., as noted in that item above, discussion continued on the previously proposed name change, from Social and Behavioral Sciences Methodology Minor, to Research Methods and Data Analysis Minor. After additional discussion, there was general agreement to propose a name change to Dr. Little of “Statistical Research Methods and Data Analysis Minor.” A motion was made to approve that name change and it was seconded, and the motion passed with a majority vote of six, with three opposed and one abstention.

The meeting was adjourned at 12:35.
Liberal Arts and Sciences  
Bachelor of General Studies (BGS)  
Spring 2010

Why pursue the BGS Liberal Arts & Sciences Degree Option? If, as a student, your personal goals are best served by:

- A more broad based, liberal arts and sciences curriculum with balanced contributions from natural sciences and mathematics, social sciences, and the humanities (requiring exploration in 15 different disciplines with the completion of a minimum of 100 hours in the College).
- The broadest preparation for admission into a professional program.
- An avenue for adding a bachelor’s degree to an already existing technical degree or licensure certificate.
- A degree option with maximum flexibility.
- A distance education option for a KU degree.
- A degree that provides students the opportunity to build the skills and knowledge which employers indicate are required for success in our changing economy and world community, but are currently limited in current college graduates.

What do employers want? (Association of American Colleges and Universities, 2008)

Knowledge of Human Cultures and the Physical and Natural World

- Science and technology 82%
- Global issues 72%
- The roles of the United States in the world 60%
- Cultural values and traditions US and Global 53%

Intellectual and Practical Skills

- Teamwork skills in diverse groups 76%
- Critical thinking & analytical reasoning 73%
- Written & oral communication 73%
- Information literacy 70%
- Creativity & innovation 70%
- Complex problem solving 64%
- Quantitative reasoning 60%

The BGS Liberal Arts & Sciences Degree Option is:

- Not an “Easy Out” degree option. Academic Standards are the same for all degrees granted by the College of Liberal Arts and Sciences.
- Not a quick option for a bachelor’s degree when a minimum of 124 hours including a significant number of medical, technical and professional courses have been completed. KU policy regarding acceptance of transfer work still applies. Students are allowed to use a maximum of 24 hours outside of the College toward the degree.
- Not an option in which students may pursue majors or minors in the College.
Requirements to select BGS Liberal Arts & Sciences Degree Option:

- Satisfactory completion of all Math and English General Education Requirements
  - ENGL 101, 102, and 3rd English (ENGL 203, 205, 209, 210, or 211)
  - MATH 002 (if required), 101, and 2nd Math (MATH 105, 106, 111, 115, 121, 141, 365, or BIOL 570)

- Satisfactory completion of courses from 15 departments in the College of Liberal Arts and Sciences

- Good Academic Standing, KU cumulative GPA of 2.0 or better

BGS Liberal Arts & Sciences Degree Option requirements:

- Minimum hour and GPA standards (All CLAS Degrees)
  - 124 credit hours
  - 45 junior/senior credit hours (numbered 300+)
  - 100 credit hours from units within the College of Liberal Arts & Sciences
  - 2.00 minimum KU cumulative GPA

- Liberal Arts & Sciences common degree requirements (All CLAS BA and BGS Degrees)
  - English (ENGL 101, 102, and 3rd English (ENGL 203, 205, 209, 210, or 211))
  - Argument & Reason (COMS 130 (131) or COMS 230 or PHIL 148 or PHIL 310 or exemption or COMS proficiency examination)
  - Mathematics (MATH 101, and 2nd Math (MATH 105, 106, 111, 115, 121, 141, 365, or BIOL 570))
  - Western Civilization (HWC 204 (114) and HWC 205(115))
  - Non-western Culture (1 course from several options)

- Principal course requirements (All CLAS BGS Degrees)
  - Humanities (2 courses)
    - Each course must come from a different category: HT, HL, or HR
  - Natural Sciences & Mathematics (2 courses)
    - Each course must come from a different category: NB, NE, NM, or NP
  - Social & Behavioral Sciences (2 courses)
    - Each course must come from a different category: SC, SI, or SF

- World language/culture requirement (BGS LA&S Degree Only)
  - Two courses (each 3 credit hrs or higher) in a single world language
  - In addition to the Common Degree Requirements (above) the student must complete three courses (each 3 credit hrs or higher) in world, non-western culture (W or NW designated courses) or language areas. May include a variety of areas, languages, and cultures.

- Additional natural science & mathematics requirement (BGS LA&S Degree Only)
  - Beyond the principal course requirements, students are required to complete two courses in natural science (N, NB, NE, NM, or NP) or math (any combination)

- LA&S breadth requirement (BGS LA&S Degree Only)
  - At least one course (minimum 2 credit hours) completed in 15 different departments/programs within CLAS (as determined by course prefix)

(End of Attachment A)
1. Curricular Changes for Approval

**FILM & MEDIA STUDIES**

**CHANGE: NEW COURSE**
**FMS 317** RACE AND THE AMERICAN DOCUMENTARY 3 H
This course surveys a range of documentaries in which race is a key part. There are two class objectives: the first is to broaden the students' knowledge of American social history and culture, especially around issues of identity, representation and race. The second is to heighten the students' critical skills as viewers of films in general. A complete film or portion is screened at each class session, preceded by an introductory lecture, and a follow-up discussion. Readings from a variety of scholarly texts are excerpted for student review prior to a particular class. LEC

**CHANGE: NEW COURSE**
**FMS 376** CINEMATOGRAPHY 3 H
Theory and practice of cinematography, with emphasis on creation of film, video, and digital imagery. Prerequisite: FMS 275 or FMS 276, and consent of instructor. LEC

**CHANGE: COURSE DESCRIPTION AND NEW KUCE REQUEST**
**FMS 380** AMERICAN POPULAR CULTURE OF: ____ 3 H
(OLD) An interdisciplinary examination of popular cultural forms and their relationships with the social, political and economic dynamics of America, with emphasis on film, broadcasting, music, literature (including magazines and newspapers) and the graphic arts. Decade or other specific topic to be studied changes as needs and resources develop. May be repeated for credit for different decades or topics. LEC

(NEW) An interdisciplinary examination of popular cultural forms and their relationships with the social, political and economic dynamics of America, with emphasis on film, media, music, literature (including magazines and newspapers) and the graphic arts. The decade or other specific topic to be studied changes as needs and resources develop. May be repeated for credit for different decades or topics. LEC, KUCE

2. Degree Requirements for Approval

**OLD BUSINESS**
This proposal has been edited from the original version. This is due to additional documents, with changes to the original proposal, that were presented in person for consideration by Dr. Atchley and Heidi Waltz at the 11/24/09 CUSA meeting.

a) Change to Existing Cognitive Psychology Major and name of Cognitive Psychology BS Degree to Behavioral Neuroscience

**CURRENT DEGREE NAME AND 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)
ad 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 DEGREE NAME AND REQUIREMENTS:**
**BS in Behavioral Neuroscience**

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, 210, or 211 (3 hrs.)
Argument and Reason: COMS 130 or PHIL 148 (3 hrs.)
Western Civilization: HWC 204-205 (6 hrs.) [REMOVE WC 234-235]
Humanities: Two electives in humanities (6 hrs.)

**Natural Sciences** -- A minimum of 48 hours; two of the following four sequences, an
extension of one, or an approved alternative

Biology: BIOL 150 & 152 (8 hrs.) [DELETE BIOL 305-3 hrs ADD BIOL 152-4hrs]
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.) [ADD THIS CATEGORY]

**Mathematics** -- A minimum of 12 hours, 6 of which must be calculus or calculus based
MATH 103 (3 hrs.) [ADD MATH 103]
MATH 115 & 116 (6 hrs.)
plus one additional MATH course (3 hrs.)
[REMOVE MATH 111 AND MATH 526]

**Computing** -- a minimum of 6 hours [WAS 9 HOURS]
EECS 138 Intro to Computing (3 hrs.)
[REMOVE EECS 128-3 hrs. AND EECS 140-3 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.

[THE FOLLOWING SECTION PROPOSES CHANGES TO THE NAME, AND ALSO
RECONFIGURES CATEGORIES AND CHANGES LIST OF COURSES]
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 400 Intermediate Statistics in Psychological Research (3 hrs.)
PSYC 450 Statistical Methods in Behavioral and Social Science Research I (4 hrs.)
PSYC 451 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.)

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 toward 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 regard 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 greater and greater numbers 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.