

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

AGENDA

NOVEMBER 10, 2009, 11:00AM
STRONG HALL – ROOM 210

I. Approval of CUSA Minutes from October 27, 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:

COURSE DELETIONS: HWC 130, REL 130

NEW COURSES: CHIN 342, PSYC 201

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

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

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

C. Academic Standards Report

Retroactive Withdrawal Petitions

- 1344) Retro from Spring and Fall 2008 due to extenuating circumstances
Approved (3,0) – Subcommittee approved petition as long as the University had confirmation of the incident to support the other documentation provided. B. Bradley checked with Jane Tuttle, Asst. Vice Provost, and received conformation.
- 1384) Retro from Spring 2009 due to student illness
Approved (3,0) – Subcommittee felt that documentation was sufficient to meet the standards for a retroactive withdrawal.

- 1395) Retro from ECON 610 due to administrative error
Approved (3,0) – This petition was approved even though there was no documentation in the system that the student attempted to withdrawal. However this was from Spring 2004, the second full semester with the new Enroll & Pay system, and the instructor confirmed that the student stopped attending on April 6 therefore the subcommittee felt that this should be approved.

Degree Requirement Petitions

- 1398) Request to substitute course in approved Special Major
Approved (3,0) – Support from faculty advisor is enough for approval as long as course does not place the special major outside of the approved guidelines.

VI. Old Business

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

Ten years after the date of a student's initial enrollment at the University of Kansas, the student's original General Education requirements will no longer apply. The student must then fulfill current General Education requirements in order to earn a degree.

Students who remain enrolled continuously 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 October 27, 2009

The committee met on Tuesday, October 27, 2009, at 11:00 a.m. in Room 210 Strong Hall. The following were present: Banwart, Blackmore, Bradley, Burright, Comer, Crosby, Cudd, Dozier, Earnhart, Fischer, Kuczera, Ledom, McCrea, McNeley, Manning, Mielke, Phillips, Tucker

MINUTES The minutes of the October 13, 2009, meeting of the Committee on Undergraduate Studies & Advising were approved as written via e-mail vote after the meeting, due to the lack of a quorum in the initial minutes of the meeting.

CHAIR'S REPORT Professor Manning reported that in the previous College Academic Council (CAC) meeting, clarification of "Application Term" for College departmental proposals for admission requirements to their majors had been discussed. The CAC had approved the following wording to be used in the "Application Term" portion of these proposals: "Application to the major should occur in the term in which designated admission requirements will be initially completed." Professor Manning noted this means that students who apply for a major with a number of required courses still in progress will not be admitted to that major, and also that students who neglect or choose not to apply in the term they initially complete the requirements, may be subject to the department's late admission requirements.

DEAN'S REPORT Associate Dean Cudd reported that a decision has been made in the Dean's Office that CUSA will not be asked to address principal course general education requirements this year. One reason is because the School of the Arts has just joined the College this year and the thought was that there should be some time for those students to adjust before imposing new requirements on them, and also due to the interim status of the Dean.

CLA&S STUDENT ACADEMIC SERVICES REPORT Assistant Dean McNeley introduced a handout (Attachments 2A and 2B), that summarizes two topics of discussion under way in the University's Academic Policies and Procedures (AP&P) meetings. One topic concerns possible changes to the Credit/No Credit (CR/NC) Policy and Dr. McNeley requested feedback from the CUSA members regarding these changes. The first proposed change is to specify that the CR/NC option will not be available for KUCE independent study courses. This change is being considered due to a concern about how the CR/NC option could be administered effectively, given the 6-month time period allowed to complete KUCE courses. The currently-approved procedures purposely allow a specific amount of time for students to experience some of the (non-KUCE) course so they can make an informed decision prior to electing the CR/NC option, and it would not be fair to students to require them to choose the CR/NC option prior to beginning a KUCE course. It also would not be feasible to enforce a specific deadline to elect the CR/NC option after enrollment in a KUCE course, due to rolling enrollment times not tied to a specific term, and a wider variety of discretion to be able to complete assignments in a more flexible time period.

The next proposed change is to specify that the CR/NC option cannot be taken in a student's field of study, minor or certificate program (if certificate programs are developed). Dr. McNeley pointed out that the policy currently states the CR/NC option is not allowed for a course in a student's declared major, and noted that when the policy was written, there were no minors. Along with this change is the proposal that CR/NC be allowed for graduate students, but the proposal is written to clarify that graduate students could not elect the CR/NC option in his/her field of study, but only for a course outside of their field of study.

The Student Senate has proposed that the CR/NC option be made available for one course in a student's area of study, or just one course in a student's minor. Their reasoning is that may provide encouragement to students to enroll in a more difficult course without worrying about possibly having a lower grade posted on their transcripts. A concern with that reasoning is students could possibly take a course designed for admission into a major as CR/NC. One possible solution for that concern would be to assign grade points for grades of CR/NC if the course taken with that option was a required course for admission to a major, with 0.0 points (F) being assigned for grades of NC, and 1.7 points (C-) being assigned for grades of CR. Since a minimum GPA of 2.0 is required for students in the College in their majors and in their cumulative KU GPA to fulfill graduation requirements, another possible option might be to assign NC for grades of C-, so only grades of C and above would be given CR, and grades of CR would be assigned 2.0 points. This would assist in grade point calculation for majors and minors. This still would pose a problem for students in the School of Education, since their teaching certification for licensure requires a letter grade for most courses taken. If students in the School of Education were to elect CR/NC for certain courses, they most likely would be required to repeat those courses for a letter grade. Another concern raised was that many institutions will calculate a grade of CR as a C, which could be problematic for students who are pursuing graduate school or other professional schools after earning a bachelor's degree at KU. Students may not be aware when electing CR/NC for a course that they will need a letter grade for that course on their transcripts in the future. Another concern raised is that it is common for students pursuing a minor to later change that to a major and, again, it would pose a problem for those students who had elected the CR/NC option for one course in their minor and that course is now required for the major.

Discussion followed, with a suggestion that a grade of C- will no longer count as CR, but would count as NC. With that option, a minimum GPA of 2.0 would be maintained with any grade of CR, and that would assist in any admissions process or certification calculation. The discussion closed with a straw vote taken, resulting in majority agreement that grades of C- should no longer count as CR and only grades of C and above would count as CR, and with a slight majority opposed to allowing the CR/NC option to be available for minors.

Dr. McNeley noted that the “P/NP” part of the handout was primarily for information and applied mainly to dissertation hours, but could also apply to undergraduate honors theses, and was proposed to give faculty another grading option instead of issuing grades of Incomplete.

The next item Dr. McNeley introduced was the Request for Blanket Change of Course Rubric from “WS” to “WGSS” that had been submitted from the Women, Gender, and Sexuality Studies department. The reason for the request is to reflect the change in the department’s name. Clarification was made that this is for the rubric only. The committee had no objections to this change, and the request was approved.

SUBCOMMITTEE CHAIR REPORTS

- A. ADVISING & AWARDS – No report
- B. CURRICULAR CHANGES/DEGREE REQUIREMENTS
 - 1. Curricular Changes for Approval:

COURSE DELETIONS:

PUAD 430, PUAD 640, PUAD 695

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

NEW COURSES:

BIOL 521, BIOL 526, BIOL 528, BIOL 529, BIOL 598, MONG 101, MONG 102, HIST 314, HIST 315, PSYC 521, PUAD 660, PUAD 661, PUAD 691

A question had been raised about some of the text in the descriptions of MONG 101 and 102, and about the numbering, so those were held for discussion and a motion was made to pass the new courses listed above, with the exception of MONG 101 and 102. The motion was seconded, and passed unanimously. The committee discussed a concern with the last sentence in both MONG 101 and 102, in that currently there are not four semesters of Mongolian study available, although the development of two more semester courses is under way and hopefully should be available soon. Another concern was that stating four semesters of Mongolian study would fulfill the CLAS foreign language requirement may not be accurate because foreign language requirements vary depending on the degree being pursued. The question about numbering was why the courses were numbered 101 and 102 instead of the more common 104/108, to be consistent with other departmental offerings. It was noted that this course numbering is consistent with the Uyghur offerings and the department had requested this numbering; there were no objections to the course numbers. A motion was made to approve the new MONG 101 and 102 courses with the friendly amendment to strike the last sentence in both course descriptions. The motion was seconded and passed unanimously.

CHANGES:

BIOL 525, GRK 508, FMS 531, PHIL 375, PHIL 592, PHIL 610, PHIL 670, PHIL 672, WS 520

A question was raised about PHIL 375, so that was held for discussion and a motion was made to approve the course changes listed above with the exception of PHIL 375. The motion was seconded and approved unanimously.

Discussion continued about PHIL 375, concerning the change in prerequisite to just EECS 168, since that course is intended for Engineering students and is difficult for students in the College to take. The question was asked why EECS 138 would not be an appropriate prerequisite, noting that EECS 138 also fulfills a principal course requirement. It was reported that the department’s justification for the request stated the EECS 133 and EECS 258 prerequisites had been removed because those courses no longer exist. A vote on the PHIL 375 course change was tabled due to the above concerns. The subcommittee will return this to the department and report back.

OTHER:

REL 325 – New request for KUCE offering and description change

A motion was made and seconded to approve the above change. The motion passed unanimously.

REL 350 – New request for KUCE offering, remove cross-listing for KUCE only, and description change

This request was tabled due to concerns about technical difficulties in the administration of this course on students' records if it is cross-listed only for the on-campus course but not for the KUCE offering. The subcommittee will determine what options are feasible and available and will report back to CUSA.

2. Degree Requirements for Approval

- a) Non-Western Culture Status for JOUR 502
- b) Change to Existing B.S. in Biology Major – Organismal Biology Emphasis
- c) Change to Existing B.S. in Biology Major – Teaching Biology Emphasis
- d) Change to Existing English Major – All Emphases
- e) Change to Existing Film & Media Studies Major
- f) Change to Existing Linguistics Major
- g) Change to Existing Linguistics Minor
- h) Change to Existing Public Administration Major
- i) Change to Existing Women's Studies Major & Minor and Human Sexuality Minor
- j) Change to Departmental Honors Requirements for Existing Biology and Microbiology Majors
- k) New Admission Requirements to Existing English Major
- l) **Old Business** – Change to Existing Jewish Studies Minor

Dr. Banwart moved on to the degree requirements listed above, and pointed out that in item a), the subcommittee had confirmed that the JOUR 502 course is available to non-majors, although 8 hours of Journalism credit is required before being allowed to enroll in JOUR 502, but it is possible for non-major students to take this course. The suggestion was made to pull item k) from the above list to vote on separately, in order to add a friendly amendment incorporating the language regarding application terms that was recently approved by CAC. That was agreed, and a motion was made to approve the items above with the exception of item k). The motion was seconded and passed unanimously.

Item k) was then addressed, with the proposal to accept with the friendly amendment to insert the new CAC-approved language in the first sentence regarding application terms: "Application to the major should occur in the term in which designated admission course requirements will be initially completed," and to strike the language in the last sentence, "...pending CAC guidance on the petition process." The motion was seconded and was approved unanimously.

C. ACADEMIC STANDARDS REPORT

Professor Tucker introduced the report, highlighting the final item that was a degree requirement petition requesting to count HEIM Medical Terminology as credit toward an undergraduate degree. Clarification was made that there is a difference in how the KUMC courses count; the Undergraduate Catalog notes they can count as overall KU hours, but that is different from counting for a specific degree in the College, so this type of request would continue to have to be petitioned.

The committee then discussed the first item concerning review of a petition requesting non-western culture credit for a topics course. The subcommittee questioned if they have the authority to determine whether or not 75% of the topics course syllabus is non-western-based. A suggestion was made that departments, when they submit a request through CUSA for a new topics course, also request non-western culture status for that one topic for that one semester. There could be a problem with that when students attempt to search for non-western culture courses. There was further discussion but the question was tabled until another meeting due to time constraints.

The meeting was adjourned at 12:34 p.m.

Credit/No Credit Discussion

2.2.7 A student may elect to be graded on a scale of CR (credit) or NC (no credit) instead of on a scale of A, B, C, D, or F as provided below. **The credit/no credit enrollment option is not available for KUCE independent study coursework.** ~~The credit/no credit enrollment option is not available to students in the Graduate School.~~

2.2.7.1 Students seeking the credit/no credit option in a semester-long course must register their choice in their dean's office during the 21st through the 30th instructional days of the semester. Retroactive application of the Credit/No Credit option after this deadline is not allowed. In all eight-week courses, including summer session, students must choose credit/no credit during the 11th through the 15th instructional day of class. In courses of other duration, students must choose credit/no credit during the week that 40 percent of the class sessions have been completed. In courses shorter than one week, students must choose credit/no credit before the first class session.

2.2.7.2 The student shall not take this option in his or her **field of study** (declared major, **minor, or certificate program**), and shall have the choice of only one option per semester. At the close of the option period, the student cannot alter his or her option.

OR

2.2.7.2 **An undergraduate** student shall not take this option in his or her declared major, **but may take this option for one course in his or her designated minor. A graduate student shall not take this option in his or her field of study.** Students shall have the choice of only one option per semester. At the close of the option period, the student cannot alter his or her option.

2.2.7.3 The grade of CR (credit) will be received for grades of A, B, and C. The grade of NC (no credit) will be received for grades D and F.

2.2.7.4 The instructor will not be informed when a student has chosen this option, and will assign a conventional letter grade, which will then be converted by the University Registrar to CR or NC as appropriate.

2.2.7.5 Courses graded CR or NC will not count in computing **KU cumulative** grade point average. Courses graded CR will be included in the total hours counted toward graduation; courses graded NC will not count as hours earned. **For purposes of certification of a major, minor, or certificate program requiring a minimum grade point average, the grade of NC will be calculated as an F (0.0 points) grade; a grade of CR will be calculated a C- (1.7 points).**

Progress (P) and Proposed No Progress (NP) Grading Option Discussion

2.2.4 The College or any school may use the letter P to represent satisfactory progress **or NP to represent no progress** during ~~one~~ a semester of work for which a grade will be given only upon the completion of the course or project in a subsequent semester.

- 2.2.4.1 **The letter P/NP is used only to indicate an assessment of participation and progress in coursework that spans multiple semesters with enrollment occurring in each semester.**
- 2.2.4.2 **Upon completion of the coursework, a letter grade (A, B, C, D or F) is assigned to characterize the quality of the final project. In addition, P and/or NP grades recorded within a year of the project's completion and evaluation may revert to the letter grade of the final project. P or NP grades recorded before a year's time will remain as recorded.**
- 2.2.4.3 **The College or school will determine courses in which the P/NP grading option will apply.**
- 2.2.4.4 **The I grade is not appropriate for enrollment in multi-semester coursework and is not accepted unless a situation beyond the student's control prevents participation.**
- 2.2.4.5 **The grades of P/NP indicate credit (P) or no credit (NP) but are not assigned grade points.**

1. Curricular Changes

a. Curricular Changes for Approval

ANTHROPOLOGY

CHANGE: REMOVE CROSS LISTING

ANTH 293 MYTH, LEGEND, AND FOLK BELIEFS IN EAST ASIA 3 H
(OLD) A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of the ordinary people of East Asia in contrast to their more sophisticated systems of philosophy which are better known to the Western world. (Same as EALC 130, HWC 130 and REL 130) LEC

ANTH 293 MYTH, LEGEND, AND FOLK BELIEFS IN EAST ASIA 3 H
(NEW) A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of the ordinary people of East Asia in contrast to their more sophisticated systems of philosophy which are better known to the Western world. (Same as EALC 130) LEC

EAST ASIAN LANGUAGES & CULTURES

CHANGE: NEW COURSE

CHIN 342 INTRODUCTION TO CLASSICAL CHINESE 3 H
An introduction to Classical Chinese through detailed analysis of short original passages from a variety of early Chinese texts. Students gain a foundation in the grammar and vocabulary of Classical Chinese, preparing them for CHIN 544. Prerequisite: A basic knowledge of Chinese characters (e.g. from CHIN 108 or JPN 108) and consent of the instructor, or CHIN 208 or JPN 208. Meets with CHIN 542. There will be additional requirements for students taking CHIN 542. Not open to students who have completed CHIN 542. LEC

CHANGE: COURSE DESCRIPTION, PREREQUISITE

CHIN 542 INTRODUCTION TO CLASSICAL CHINESE 3 H W
(OLD) Introduction to classical grammar through selected articles and intensive readings; exercises in basic reference works. Prerequisite: CHIN 208 or consent of instructor. LEC

CHIN 542 INTRODUCTION TO CLASSICAL CHINESE 3 H W
(NEW) An introduction to Classical Chinese through detailed analysis of short original passages from a variety of early Chinese texts. Students gain a foundation in the grammar and vocabulary of Classical Chinese, preparing them for CHIN 544. Prerequisite: A basic knowledge of Chinese characters (e.g. from CHIN 108 or JPN 108) and consent of instructor, or CHIN 208 or JPN 208. Meets with CHIN 342. There will be additional requirements for students taking CHIN 542. Not open to students who have completed CHIN 342. LEC

CHANGE: COURSE DESCRIPTION, TITLE

CHIN 544 INTRODUCTION TO CLASSICAL CHINESE II 3 H W
(OLD) A continuation of CHIN 542; readings from selected texts; detailed treatment of Chinese reference works. Prerequisite: CHIN 542 LEC

CHIN 544 READINGS IN CLASSICAL CHINESE:_____ 3 H W
(NEW) Classical Chinese is the language of the most famous works of Chinese philosophy and most Chinese literature before the twentieth century. The course introduces readings from a specific philosophical school or literary genre, for example: Confucian Philosophical Texts, Daoist Philosophical Texts, Poetry, Ming/Qing fiction, etc. Prerequisite: CHIN 342/542 or consent of the instructor. May be repeated for credit if content varies. LEC

CHANGE: REMOVE CROSS LISTING

EALC 130 MYTH, LEGEND, AND FOLK BELIEFS IN EAST ASIA 3 H NW W
(OLD) A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year.

The purpose of the course is to present the world view of the ordinary people of East Asia in contrast to their more sophisticated systems of philosophy which are better known to the Western world. (Same as ANTH 293, HWC 130 and REL 130) LEC

EALC 130 MYTH, LEGEND, AND FOLK BELIEFS IN EAST ASIA 3 H NW W
(NEW) A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of the ordinary people of East Asia in contrast to their more sophisticated systems of philosophy which are better known to the Western world. (Same as ANTH 293) LEC

HUMANITIES & WESTERN CIVILIZATION

CHANGE: DELETE COURSE

HWC 130 MYTH, LEGEND, AND FOLK BELIEF IN EAST ASIA 3 H
A survey of the commonly held ideas about the beginning of the world, the role of the gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of ordinary peoples of East Asia in contrast to their more sophisticated systems of philosophy which are better known to the Western world. (Same as ANTH 293, EALC 130, REL 130) LEC

PSYCHOLOGY

CHANGE: NEW COURSE

PSYC 201 RESEARCH METHODS IN PSYCHOLOGY, HONORS 3 S
An examination of the scientific "ways of knowing" employed by psychologists to discover the laws governing human behavior across a wide domain. The focus of the course is upon these methods and the statistical techniques that support them. Open to students in College and Departmental Honors programs or by permission of instructor. Not open to students taking PSYC 200. Prerequisite: PSYC 104 and MATH 101. LEC

CHANGE: COURSE DESCRIPTION, NUMBER

PSYC 300 STATISTICS IN PSYCHOLOGICAL RESEARCH 3 S
(OLD) An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. All majors in psychology are required to complete this course (or PSYC 301) and must do so before applying for admission to the major. Students should complete this course as early as possible in their undergraduate training. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

PSYC 210 STATISTICS IN PSYCHOLOGICAL RESEARCH 3 S
(NEW) An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

CHANGE: COURSE DESCRIPTION, NUMBER

PSYC 301 STATISTICS IN PSYCHOLOGICAL RESEARCH, HONORS 3 S
(OLD) Open to students in College and Departmental Honors programs or by permission of instructor. Not open to students who have taken PSYC 300. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

PSYC 211 STATISTICS IN PSYCHOLOGICAL RESEARCH, HONORS 3 S
(NEW) An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. Open only to student in College and Departmental Honors programs or by permission of instructor. Not open to students who have taken PSYC 210. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

CHANGE: COURSE DESCRIPTION, NUMBER, PREREQUISITE

PSYC 310 RESEARCH METHODS IN PSYCHOLOGY 3 S
(OLD) An examination of the scientific "ways of knowing" employed by psychologists to discover the laws governing human behavior across a wide domain. The focus of the course is upon these methods and the statistical techniques that support them. This course is strongly recommended for students planning to continue their study of psychology in graduate school. All majors in psychology are required to complete this course. Students should complete this course as early as possible in their undergraduate training. LEC

- PSYC 200 RESEARCH METHODS IN PSYCHOLOGY 3 S
(NEW) An examination of the scientific "ways of knowing" employed by psychologists to discover the laws governing human behavior across a wide domain. The focus of the course is upon these methods and the statistical techniques that support them. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC
- CHANGE: PREREQUISITE
- PSYC 318 COGNITIVE PSYCHOLOGY 3 S
(OLD) An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language. Prerequisite: PSYC 104. LEC
- PSYC 318 COGNITIVE PSYCHOLOGY 3 S
(NEW) An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or equivalent placement. LEC
- CHANGE: COURSE DESCRIPTION, PREREQUISITE
- PSYC 319 COGNITIVE PSYCHOLOGY, HONORS 3 S
(OLD) Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC
- PSYC 319 COGNITIVE PSYCHOLOGY, HONORS 3 S
(NEW) An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language. Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104, or exemption based on ACT or SAT score. LEC
- CHANGE: COURSE DESCRIPTION, PREREQUISITE, TITLE
- PSYC 333 CHILD PSYCHOLOGY 3 S
(OLD) Psychological development of the child from conception to adolescence; emphasis upon social and cognitive changes as these relate to intrapersonal changes and to environmental conditions. Prerequisite: PSYC 104. LEC
- PSYC 333 CHILD DEVELOPMENT 3 S
(NEW) A survey course on the science and application of child and adolescent development; including physical, motoric, social, emotional, and cognitive changes from conception through adolescence. The course covers methods and theory, genetics, and may incorporate content on aggression, morality, parenting, media, and peers. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC
- CHANGE: COURSE DESCRIPTION, PREREQUISITE, TITLE
- PSYC 334 CHILD PSYCHOLOGY, HONORS 3 S
(OLD) Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC
- PSYC 334 CHILD DEVELOPMENT, HONORS 3 S
(NEW) A survey course on the science and application of child and adolescent development; including physical, motoric, social, emotional, and cognitive changes from conception through adolescence. The course covers methods and theory, genetics, and may incorporate content on aggression, morality, parenting, media, and peers. Open to students in College or Departmental Honors Programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC
- CHANGE: PREREQUISITE
- PSYC 360 SOCIAL PSYCHOLOGY 3 S
(OLD) An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Prerequisite: PSYC 104. LEC

PSYC 360 SOCIAL PSYCHOLOGY 3 S
(NEW) An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: COURSE DESCRIPTION, PREREQUISITE

PSYC 361 SOCIAL PSYCHOLOGY, HONORS 3 S
(OLD) Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC

PSYC 361 SOCIAL PSYCHOLOGY, HONORS 3 S
(NEW) An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: PREREQUISITE

PSYC 370 BRAIN AND BEHAVIOR 3 N
(OLD) A survey of basic topics relating to the biological bases of behavior, including the physiology of neuronal and synaptic transmission, neurochemistry, and neuropharmacology. This survey will be followed by lectures on selected topics within the area of brain and behavior such as motivation, appetite, reward, language, and left-right hemispheric differences. Prerequisite: An introductory course in Psychology and an introductory course in Biology. LEC

PSYC 370 BRAIN AND BEHAVIOR 3 N
(NEW) A survey of basic topics relating to the biological bases of behavior, including the physiology of neuronal and synaptic transmission, neurochemistry, and neuropharmacology. This survey will be followed by lectures on selected topics within the area of brain and behavior such as motivation, appetite, reward, language, and left-right hemispheric differences. Prerequisite: An introductory course in Psychology, an introductory course in Biology and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: COURSE DESCRIPTION, PREREQUISITE

PSYC 371 BRAIN AND BEHAVIOR, HONORS 3 N
(OLD) Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

PSYC 371 BRAIN AND BEHAVIOR, HONORS 3 N
(NEW) A survey of basic topics relating to the biological bases of behavior, including the physiology of neuronal and synaptic transmission, neurochemistry, and neuropharmacology. This survey will be followed by lectures on selected topics within the area of brain and behavior such as motivation, appetite, reward, language, and left-right hemispheric differences. Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology, an introductory course in biology and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: PREREQUISITE

PSYC 380 BRAIN AND PATHOLOGY 3 N
(OLD) The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

PSYC 380 BRAIN AND PATHOLOGY 3 N
(NEW) The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Prerequisite: An introductory

course in psychology, an introductory course in biology, and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: COURSE DESCRIPTION, PREREQUISITE

PSYC 381 BRAIN AND PATHOLOGY, HONORS 3 N
(OLD) Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

PSYC 381 BRAIN AND PATHOLOGY, HONORS 3 N
(NEW) The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology, an introductory course in biology, and one of the following: PSYC 200, 201, 210, 211, MATH 101, 104 or exemption based on ACT or SAT score. LEC

CHANGE: PREREQUISITE

PSYC 625 EXPERIMENTAL PSYCHOLOGY: COGNITIVE NEUROPSYCHOLOGY 6 U
(OLD) Lectures and laboratory work on human cognition and cognitive neuropsychology research methods. Overview of current central and peripheral nervous system psychophysiological tools. Experience in designing and implementing cognitive neuropsychology research. Prerequisite: PSYC 104 or consent of instructor. LEC

PSYC 625 EXPERIMENTAL PSYCHOLOGY: COGNITIVE NEUROPSYCHOLOGY 6 U
(NEW) Lectures and laboratory work on human cognition and cognitive neuropsychology research methods. Overview of current central and peripheral nervous system psychophysiological tools. Experience in designing and implementing cognitive neuropsychology research. Prerequisite: PSYC 104 and 210/211 or consent of instructor. LEC

CHANGE: COURSE DESCRIPTION

PSYC 679 APPLIED NONPARAMETRIC STATISTICAL METHODS 4 S
(OLD) 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 889 will have different course requirements. Prerequisites: PSYC 650 or equivalent, or consent of instructor. LEC/LBN.

PSYC 679 APPLIED NONPARAMETRIC STATISTICAL METHODS 4 S
(NEW) This course covers nonparametric statistical methods for testing hypotheses. Topics include a review of parametric statistics, sampling distributions, hypothesis testing, and motivations for using nonparametric techniques. In-depth coverage is given to distribution-free procedures, goodness-of-fit tests, resampling methods, and theory underlying nonparametric methods. 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 879 will have different course requirements. Prerequisites: PSYC 650 or equivalent, or consent of instructor. LEC/LBN.

RELIGIOUS STUDIES

CHANGE: DELETE COURSE

REL 130 MYTH, LEGEND, AND FOLK BELIEF IN EAST ASIA 3 N
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of the ordinary peoples of East Asia in contrast to their more sophisticated systems and philosophy which are better known to the Western world. (Same as ANTH 293, EALC 130, and HWC 130.) LEC

b. Old Business

PHILOSOPHY

CHANGE: PREREQUISITE

PHIL 375 MORAL ISSUES IN COMPUTER TECHNOLOGY 3 H
After surveying the nature of ethics and morality and learning some standard techniques of moral argumentation, we shall examine such topics as: property and ownership rights in computer programs and software; privacy in computer entry and records; responsibility for computer use and failure; the "big brother" syndrome made possible by extensive personal data banks; censorship and the world-wide web; computer illiteracy and social displacement; and ethical limits to computer research. Prerequisite: EECS 133, EECS 168, EECS 258, or equivalent course. LEC

PHIL 375 MORAL ISSUES IN COMPUTER TECHNOLOGY 3 H
After surveying the nature of ethics and morality and learning some standard techniques of moral argumentation, we examine such topics as: property and ownership rights in computer programs and software; privacy in computer entry and records; responsibility for computer use and failure; the "big brother" syndrome made possible by extensive personal data banks; censorship and the world-wide web; computer illiteracy and social displacement; and ethical limits to computer research. Prerequisite: EECS 168 or equivalent course. LEC

2. Degree Requirements for Approval

- a) 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.

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.

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.

b) 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.

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.

c) Request for American Studies BA/BGS Admission Requirements

PROPOSED REQUIREMENTS:

Admission Course Requirements:

ENGL 102 (unless they have received a waiver or, in the case of transfer students, an equivalent course).

AMS 100

AMS 110

Admission GPA Minimum:

Students must earn a 2.75 grade point average in admission course requirements.

Application Term:

Application to the major should occur in the term in which designated admission requirements will be initially completed. If 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.

Admission GPA Calculation:

Admission GPA calculation will include all admission courses noted above. University course repeat policy will apply to GPA calculation.

d) 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.

e) 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 Psychology3 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.

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.

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.

- f) Change to Existing East Asian Languages & Cultures Major – Chinese Language & Literature Emphasis

PROPOSAL:

The requirement to take CHIN 542 is being expanded to a choice between CHIN 342 and CHIN 542.

Please change the requirements for EALC concentration in Chinese Language and Literature as follows: At least 31 credit hours of junior/senior-level courses are required: CHIN 504-508; CHIN 562, CHIN 342 or 542, and a choice of the following: CHIN 564, CHIN 544, or a course in Chinese linguistics; ECIV 304 or ECIV 305; one course in Chinese literature or culture in translation (must be taught by an EALC faculty member or in an approved study abroad program), and one course each on *premodern and *modern China. A course that is cross-regional in scope may be substituted for either the premodern or modern China course (e.g. Buddhism in Asia for premodern China, Entrepreneurship in East Asia for modern China). The Honors course 499 may be used to fulfill either of the above marked with *. At least nine hours of content courses must be taken at KU.

JUSTIFICATION:

The instructor of Classical Chinese feels this course is doable at the 300-level and would like to make the study of Classical Chinese available to more students.

- g) 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.

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.

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.

h) 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.

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 (orequivalent) 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.

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.

- i) 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.

j) HL Principal Course Status for HWC 206

Existing Course CONTEMPORARY WESTERN CIVILIZATION
HWC 206 DESCRIPTION:

A sequel to the two Western Civilization courses which offers the opportunity to examine influential works of literature, philosophy, history, and political thought written since the end of World War II. In keeping with the decline of colonialism and the growth of global and multicultural civilization since 1945, the readings of the course are selected from both Western and non-Western writers.

JUSTIFICATION:

As an ‘HL’ Contemporary Western Civilization enables students to fulfill a principal course requirement as a logical sequel to the required Western Civilization courses.

3. **Other**

Change in coding from “N” to “U”

COURSES CURRENTLY CODED AS “N” – APPROPRIATE TO COUNT – LEAVE AS IS

ANTH 648 Human Osteology (4). N Techniques in bone identification, sex, race, age determination, stature reconstruction, paleopathology, and bone biology are reviewed. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LAB

CODED “N” - SHOULD COUNT

BIOL 518 Microbial Genetics (3). N Bacteria and viruses as models of genetic systems.

CODED “N” – SHOULD COUNT

BIOL 664 Vertebrate Biology (3). N A laboratory course emphasizing principles of systematics and identification and the behavioral ecology of local vertebrate animals. Prerequisite: BIOL 152, BIOL 153 or consent of instructor. LAB

CODED “N” – SHOULD COUNT

BIOL 676 Mammalian Neuroanatomy (3). N Lectures, video tape demonstrations, and laboratory dissection of mammalian nervous system with some attention to human material. Major emphasis on nervous system structure as it relates to function. For neurobiology and pre-health science majors. Prerequisite or Corequisite: A course in neurobiology (BIOL 435, BIOL 650), or permission of the instructor. LAB

CODED “N” – SHOULD COUNT

GEOG 514 Visualizing Spatial Data (4). N Students use Visual Basic or other currently prominent programming language to visualize spatial data. Early projects cover basic principles such as color manipulation and spatial transformations. Later projects involve developing more sophisticated software for data presentation, data exploration, and map animation. Prerequisite: Some experience with Visual Basic or other programming language. LAB

CODED “N” – SHOULD COUNT

PHSX 516 Physical Measurements (4). N A laboratory course emphasizing experimental techniques and data analysis, as well as scientific writing and presentation skills. Experiments will explore a range of classical and modern physics topics. (Same as EPHX 516.) Prerequisite: PHSX 313, PHSX 316 and PHSX 521. (PHSX 521 may be taken concurrently.) LAB

CODED “N” – SHOULD COUNT

PHSX 536 Electronic Circuit Measurement and Design (4). N A laboratory course that explores the theory and experimental techniques of analog and digital electronic circuit design and measurements. Topics include transient response, transmission lines, transistors, operational amplifiers, and digital logic. (Same as EPHX 536.) Prerequisite: PHSX 212 or PHSX 214, MATH 223 and MATH 290. PHSX 313 and 316 recommended. LAB
CODED “N” – SHOULD COUNT

PHSX 601 Design of Physical and Electronic Systems (4). N A laboratory course emphasizing the application of physical principles to the design of systems for research, monitoring, or control. Topics include the use of microcomputers as controllers, interfacing microcomputers with measurement devices, and use of approximations and/or computer simulation to optimize design parameters, linear control systems, and noise. (Same as EPHX 601.) Prerequisite: Twelve hours of juniorsenior credit in physics or engineering, including one laboratory course. LAB
CODED “N” – SHOULD COUNT

COURSES CURRENTLY CODED AS “N” BUT SHOULD NOT COUNT – CHANGE NEEDED

BIOL 102 Principles of Biology Laboratory (1). N Intended for non-science majors. Exercises are designed to give the student hands-on experience with selected topics from the associated lecture course (BIOL 100). An honors laboratory (BIOL 103) is offered for students with superior academic records. Prerequisite: Concurrent enrollment in BIOL 100 is recommended. LAB
SHOULD NOT COUNT – CHANGE TO U

BIOL 103 Principles of Biology Laboratory, Honors (1). N Intended for non-science majors with superior academic records. Exercises are designed to give the students hands-on experience with selected topics from the associated lecture course (BIOL 101). Prerequisite: Membership in the College Honors Program or consent of instructor. Concurrent enrollment in BIOL 101 is recommended. LAB
SHOULD NOT COUNT – CHANGE TO U

BIOL 203 Introductory Microbiology Laboratory (2). U Laboratory exercises to complement BIOL 200. Prerequisite: BIOL 200. May be taken concurrently. LAB
SHOULD NOT COUNT – CHANGE TO U

SPECIAL CONCERN

BIOL 242 Human Anatomy Dissection Laboratory (3). N One of the two laboratories in gross anatomy designed to complement BIOL 240. Provides an opportunity to develop a comprehensive three-dimensional understanding of anatomical structures and spatial relationships while gaining substantial dissecting experience. Student perform supervised dissection of human cadavers. Limited to students enrolled in, or seeking admission to, programs that require a human anatomy laboratory. Concurrent or prior enrollment in BIOL 240 is required. LAB
CODED AS “N”, BUT SHOULD NOT COUNT

BIOL 402 Fundamentals of Microbiology Laboratory (2). N Laboratory exercises designed to complement BIOL 400 or BIOL 700. Prerequisite: BIOL 400 or BIOL 612, or BIOL 400 or BIOL 612 concurrently. LAB
CODED “N” BUT SHOULD NOT COUNT

BIOL 426 Laboratory in Cell Biology (3). N Laboratory exercises will examine the function, organization, and composition of eukaryotic cells. Prerequisite: BIOL 150 and CHEM 184, concurrent or prior enrollment in BIOL 416, or consent of the instructor. BIOL 350 is highly recommended. LAB
CODED “N” – SHOULD NOT COUNT

BIOL 427 Developmental Biology Laboratory (2). N Laboratory exercises examine processes of early development in animal model organisms. Students study the normal development of live embryos and prepared slides of sea anemones, sea urchins, frogs and chicks. Study of regeneration and axial patterning through experimental manipulation of invertebrates is also explored. Prerequisite: Concurrent or prior enrollment in BIOL 417. LAB

CODED "N" BUT SHOULD NOT COUNT

BIOL 430 Laboratory in Molecular Biology (3). N Practical experience in recombinant DNA technology and molecular cloning. Prerequisite: BIOL 416 or a course in biochemistry or microbiology. LAB

CODED "N" – SHOULD NOT COUNT

BIOL 511 Biology of Spiders Laboratory (1). N Topics will include comparative biology of arachnid orders (spiders, scorpions, harvestmen, mites, and others), external and internal anatomy of spiders, identification of common spider families and genera, and spider behavior. Students will be required to make a small collection (collect, preserve, and identify specimens). Prerequisite: BIOL 509; concurrent enrollment is preferred. LAB

CODED "N" BUT SHOULD NOT COUNT

BIOL 561 Histological Technique (2). N Training in the preparation of tissues for study with the light microscope. Both paraffin and plastic embedments will be used. Prerequisite: Concurrent or prior enrollment in BIOL 560. LAB

CODED "N" BUT SHOULD NOT COUNT

CHEM 517 Analytical Chemistry Laboratory (2). N Experiments illustrate fundamental principles of chemical analysis methods. The course serves as an introduction to advanced instrumental methods of analysis. One five-hour laboratory and one fifty minute lecture each week. Prerequisite: CHEM 188, CHEM 622 or CHEM 624, CHEM 625, and concurrent enrollment in CHEM 516. LAB

CODED "N" BUT SHOULD NOT COUNT

GEOG 105 Introductory Laboratory in Physical Geography (2). N A laboratory course designed to complement GEOG 104 in satisfying the laboratory science requirement. It is required for geography majors. Laboratory exercises include a wide variety of analyses using data on the atmosphere, hydrosphere, biosphere, and lithosphere. Prerequisite: GEOG 104, which may be taken concurrently. LAB

CODED "N" BUT SHOULD NOT COUNT

GEOL 103 Geology Fundamentals Laboratory (2). N A course in geologic laboratory studies. This course plus GEOL 101 (Introduction to Geology), GEOL 102 (Introduction to Geology, Honors), GEOL 105 (History of the Earth), or GEOL 106 (History of the Earth, Honors) will satisfy the College laboratory science requirement. Gives students practical, hands-on experience with identifying earth materials (rocks, minerals, fossils) and understanding their relationships to earth processes, understanding topographic and geologic maps, interpreting results of surficial processes, and learning about deep-earth processes such as earthquakes. Includes short field trips to see geologic structures and results of local geologic processes. Prerequisite: Previous or concurrent enrollment in GEOL 101, GEOL 102, GEOL 105, or GEOL 106. LAB

CODED "N" BUT SHOULD NOT COUNT

PHSX 316 Intermediate Physics Laboratory I (1). N Experiments in optics and modern physics. Development of experimental skills, data reduction, error analysis, and technical writing. One lab meeting per week and one lecture per week on topics including error analysis and experimental design. Pre- or corequisite: PHSX 313. LAB

CODED "N" BUT SHOULD NOT COUNT

BIOL 418 Laboratory in: _____ (1-3). N A varied program of laboratory and fieldwork designed to introduce students to investigative approaches in the study of the basic concepts of biological science. Students may enroll in more than one section. Prerequisite: BIOL 100, BIOL 101, BIOL 150, BIOL 151, or exemption. Each section may have additional prerequisites to be determined by instructor. LAB

CODED "N" BUT SHOULD NOT COUNT

(MATH REQUESTS POSTPONEMENT OF CHANGE TO U UNTIL THEY CAN ESTABLISH A SEPARATE WORKSHOP COURSE APPROPRIATE FOR N DESIGNATION)

MATH 197 Mathematical Workshops: _____ (1-3). N Offered to provide opportunities for deeper understanding of freshman-sophomore mathematics through interactive learning. Topics will vary. May be repeated for additional credit. Prerequisite: Variable. LAB
CODED “N”

CODED “U” CORRECTLY AND SHOULD NOT COUNT- LEAVE AS IS

ASTR 196 Introductory Astronomy Laboratory (1). U An introduction to astronomical observations and methods. Students have the opportunity to use the telescopes at the K.U. observatory. The course includes constellation recognition, finding celestial objects, and interpreting astronomical data. A companion course to ASTR 191 or ASTR 391. Counts as a laboratory science when preceded or accompanied by ASTR 191 or ASTR 391. Prerequisite or corequisite: ASTR 191 or ASTR 391. LAB
CODED “U” – SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

SPECIAL CONCERN

BIOL 241 Human Anatomy Observation Laboratory (2). U One of the two laboratories in gross anatomy designed to complement BIOL 240. Emphasizes the three-dimensional appearance and spatial relationships of anatomical structures through supervised observations of pre-dissected human cadavers. Limited to students enrolled in, or seeking admission to, programs that require a human anatomy observation laboratory. Concurrent or prior enrollment in BIOL 240 is required. LAB
CODED AS “U”, SHOULD NOT COUNT

BIOL 247 Principles of Human Physiology Laboratory (2). U Designed to complement BIOL 246. Uses experiments and simulations to demonstrate laboratory techniques and representative processes in areas of human physiology. Concurrent or prior enrollment in BIOL 246 required. LAB
CODED “U” – SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 405 Laboratory in Genetics (2). U A laboratory program which includes written reports on fruit fly crosses, exercises on meiosis, probability and statistics, human genetics and computer simulations of genetics problems. Prerequisite: Concurrent or prior (preferred) enrollment in BIOL 350 or its equivalent. LAB
CODED “U” SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 409 Physiology of Organisms, Laboratory (2). U The laboratory exposes the students to the structure and function of the major groups of animals and plants. Students use basic techniques of biological observation, such as microscopy and dissection, and experimental techniques to analyze plant and animal function. Prerequisite: Concurrent or prior enrollment in BIOL 408, or consent of the instructor. LAB
CODED “U” SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 502 Laboratory in Insect Biology and Diversity (2). U Laboratory and field studies of insects, emphasizing their diversity, classification, ecological relationships, morphology, and behavior. Course provides practical application of principles covered in BIOL 500. Prerequisite: Concurrent or prior enrollment in BIOL 500 or the equivalent. LAB
CODED “U” SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 504 Immunology Laboratory (2). U Laboratory designed to complement BIOL 503. Prerequisite: BIOL 503, or BIOL 503 concurrently. LAB
CODED “U” SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 507 Pathogenic Microbiology Laboratory (2). U Laboratory to complement BIOL 506. Cultivation of pathogenic microorganisms, diagnostic procedures, and experiments to demonstrate various aspects of microbial pathogenicity and host responses. Prerequisite: BIOL 402 and BIOL 506 (or concurrent enrollment) or consent of instructor. LAB
CODED “U” SHOULD NOT COUNT AND DOESN’T AFFECT ISSUE AT HAND

BIOL 513 Virology Laboratory (2). U Experiments involving cultivation, quantitation, and identification of animal viruses, continuous cell culture and primary chicken embryo culture techniques. Molecular biology techniques are used to demonstrate the steps in virus replication. The value of viruses as tools to understand normal cellular processes is emphasized in experiments which demonstrate the relative simplicity of viruses and the relative complexity of eukaryotic cells. Demonstrations include transformation of cells by tumor viruses and electron microscopy of virus particles. Prerequisite: BIOL 402 and BIOL 512, or consent of instructor. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 517 Microbial Physiology Laboratory (2). U Laboratory designed to complement BIOL 516. Prerequisite: BIOL 516, or BIOL 516 concurrently. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 519 Microbial Genetics Laboratory (2). U Laboratory designed to complement BIOL 518. Prerequisite: BIOL 402, BIOL 518, or BIOL 518 concurrently. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 571 Introduction to Biostatistics Laboratory (1). U Introductory statistical analyses on microcomputers. Introduction to the operating system; data entry and export; simple graphs and exploratory data analysis; descriptive statistics; sampling; point and interval estimation; one and two sample t-tests; Chi-square; regression and correlation; analysis of variance; and nonparametric methods. Prerequisite: BIOL 570 or equivalent. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 607 Field and Laboratory Exercises in Plant Ecology (2). U Introduction to quantitative analysis of plant communities and correlated environmental parameters; field and/or laboratory measurements of ecophysiological traits and comparative ecomorphology of principal species. Prerequisite: BIOL 414. Concurrent enrollment in parallel lecture, BIOL 602, recommended, but not required. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 623 Paleontology Laboratory (1). U Laboratory course in the study of fossils with emphasis on the practice of paleontology and the morphology of ancient organisms. (Same as GEOL 523.) LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 637 Introductory Biochemistry Laboratory (2). U The laboratory portion of BIOL 600 or 636. Experiments have been selected to introduce the student to cell constituents and biochemical reactions. One four-hour laboratory and one-hour lecture each week. Prerequisite: BIOL 600 or BIOL 636, or concurrent enrollment. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 639 Advanced Biochemistry Laboratory (2). U The laboratory portion of BIOL 638. One four-hour laboratory and a one-hour lecture each week. Experiments have been selected to familiarize students with experimental biochemical techniques using state-of-the-art methodology. Prerequisite: BIOL 637 and 638 (BIOL 638 may be taken concurrently). LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 641 Laboratory in Paleobotany (1). U An examination of selected fossil plants throughout geological time and the techniques used to study them; laboratory will include identification and the use of plant fossils in biostratigraphy. (Same as GEOL 529.) Prerequisite: BIOL 413 or permission of instructor. Must be

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 647 Mammalian Physiology Laboratory (2). U Laboratory experiments in representative areas of mammalian physiology designed to complement BIOL 646. Not open to students with credit in BIOL 306. Prerequisite: BIOL 646 or BIOL 726 or concurrent enrollment LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 654 Comparative Animal Behavior, Laboratory (1). U Laboratory and field phase of BIOL 652. Students may elect sections according to their special interests.

Prerequisite: Prior or concurrent enrollment in BIOL 652. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

BIOL 662 Aquatic Ecology Laboratory (2). U A field and laboratory course introducing biological, physical, and chemical characteristics of lentic (ponds and lakes) and lotic (creeks and rivers) habitats. Students learn sampling and monitoring techniques and how to classify aquatic biota at higher taxonomic levels. Co- or prerequisite: CHEM 184 and either BIOL 660 or 661. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 625 Organic Chemistry I Laboratory (2). U One five-hour laboratory and one one-hour lecture each week. Emphasis on basic techniques for the preparation, separation, and purification of organic compounds. Required for a major in chemistry and by those departments and programs specifying a complete undergraduate organic chemistry course. Prerequisite: CHEM 622 or CHEM 624, or concurrently. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 627 Organic Chemistry II Laboratory (2). U One five-hour laboratory period and one one-hour lecture each week. More advanced organic laboratory techniques with emphasis on modern spectroscopic methods for determining the structure and purity of organic compounds. Required by all programs which specify a full year of organic chemistry. Prerequisite: CHEM 625 and CHEM 626 or CHEM 626 concurrently. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 636 Instrumental Methods of Analysis Laboratory (2). U Theory and application of instrumental methods to modern analysis problems. Experiments covered include atomic and molecular spectroscopy, electrochemistry, and separation methods. One five-hour laboratory each week. Students must be enrolled concurrently in CHEM 635. Prerequisite: CHEM 516 and CHEM 517. A course in physical chemistry is strongly recommended. Corequisite: CHEM 635. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 641 Biological Physical Chemistry Laboratory (2). U A course particularly for biology, biochemistry, and premedical students. Experiments in physical chemistry illustrating the fundamental principles of quantum mechanics, spectroscopy, thermodynamics, and kinetics as applied to chemical systems. Prerequisite: CHEM 640. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 647 Physical Chemistry I Laboratory (2). U Experiments in physical chemistry, with emphasis on the fundamental principles of quantum mechanics and spectroscopy as applied to chemical systems. Prerequisite: CHEM 646. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

CHEM 668 Advanced Inorganic Laboratory (2). U Experiments concerning the synthesis and characterization of inorganic compounds. Prerequisite: CHEM 667 or concurrent enrollment in CHEM 667. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

GEOL 312 Mineral Structures and Equilibria Laboratory (1). U A laboratory to accompany GEOL 311. Presents more rigorous analysis of the structures, compositions, and chemical equilibria governing the formation and stability of common rock-forming mineral systems. Prerequisite: GEOL 311 (may be taken concurrently), CHEM 125 or CHEM 184, and eligibility for MATH 121 or MATH 115. LAB

CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND

GEOL 513 Petrology Laboratory (1). U Laboratory course to accompany GEOL 512. Material covered will include the use of the polarizing microscope in study of rocks in thin sections; identification of rock-forming minerals in thin section; study of textures as guides to the crystallization process; calculations of chemical changes during fractional crystallization and partial melting. Students will also make extensive study of igneous and metamorphic rocks in hand specimens, accompanied by thin section study, with emphasis on composition, texture, and structure. Students must co-enroll in GEOL512. Prerequisite: GEOL 312. Concurrent enrollment in GEOL 512 required. LAB **CODED "U" SHOULD NOT COUNT AND DOESN'T AFFECT ISSUE AT HAND**

GEOL 529 Laboratory in Paleobotany (1). U An examination of selected fossil plants throughout geological time and the techniques used to study them; laboratory will include identification and the use of plant fossils in biostratigraphy. (Same as BIOL 641.) Prerequisite: BIOL 413 or permission of instructor. Must be taken concurrently with GEOL 528. LAB

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PHSX 116 Introductory Physics Laboratory (1). U Laboratory exploring classical and modern physics, designed primarily for liberal arts students. Experiments in motion gravity, electricity and magnetism, sound, light, atomic and subatomic physics are designed to teach physics concepts and basic laboratory techniques. One two-hour lab period per week. Counts as a laboratory science when preceded or accompanied by PHSX 111. Prerequisite: Eligibility for MATH 104. Corequisite: PHSX 111. LAB

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CODED "S" SHOULD NOT COUNT. LEAVE AS IS

ABSC 680 Practicum in Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism (1-6). S Students participate in an intensive behavioral treatment program teaching language, social skills, self-help skills, and academic skills to young children with autism. Students learn: to develop and implement treatment programs; design and use of a system of data collection and analysis; and apply the principles and philosophy of community and school mainstreaming. (Formerly HDFL 550.) Prerequisite: ABSC/HDFL 350 and instructor permission. LAB

CODED "S" SO DOESN'T AFFECT ISSUE AT HAND

PSYC 511 Laboratory Research in Infant Behavior (3). S Optional course for students currently enrolled in PSYC 510 or may be taken after completion of PSYC 510. Will offer students practical experience in an infant research laboratory. Students must spend a minimum of nine hours a week (on three different half days) in laboratory. They will learn to observe and record infant behavior, to handle data from experiments and participate in the planning and discussion of laboratory research. Acquaintance with and involvement in the issues of obtaining informed consent and ethical aspects of infant research will be included. Prerequisite: Current enrollment or previous enrollment in PSYC 510 and consent of instructor. LAB

CODED "S" SO DOESN'T AFFECT ISSUE AT HAND

SPLH 565 Language Sample Analysis Laboratory (1). S The study of the analysis of language produced by children with respect to its phonological, lexical, morphological, syntactic, and pragmatic characteristics. Prerequisite or corequisite: SPLH 566. LAB

CODED "S" SO DOESN'T AFFECT ISSUE AT HAND