COMMITTEE ON INSTRUCTION AND CURRICULUM

TO: The Academic Senate
FROM: Committee on Instruction and Curriculum (CIC)
SUBJECT: 16-17 CIC 61: Revision request for B.S. in Psychology
PURPOSE: Information to the Academic Senate
ACTION REQUESTED: That the Senate accept the information that the revision request for B.S. in Psychology has been approved by CIC.

BACKGROUND INFORMATION:
The Senate process for approving transformed degree programs for the semester calendar is defined by 14-15 CIC 36. The Committee discussed the Bachelors of Science in Psychology at its October 24, 2016 and January 30, 2017 meetings, the former of which was attended by David Fencsik, Chair of the Department of Psychology. At the October meeting, it was pointed out that the program core needed to be changed so that it was larger than at least one concentration. The Department made revisions which were presented to the Committee at the latter meeting. It was approved by CIC unanimously with the acknowledgement that some non-substantive changes may occur in the Catalog copy. The Committee recommends changing the word “ethicality” in the third learning outcome to “ethics”.

The proposal may be viewed within Curriculog; the summary is attached as a PDF document per ExCom’s request.
Psychology B.S.

2. Semester Conversion Request for Approval of Revision of the Undergraduate Degree Program/Major

General Catalog Information

Select Shared Core unless otherwise instructed by APGS

Select SHARED CORE* Program
Shared Core

Year: Fall 2018
Catalog: 2018-2019

Notes: If you want to move an existing degree program to online (i.e. 50% or more of the program can be completed online (a hybrid course counts as .50 online), elevate an option to a degree, or change the degree type, please e-mail Donna Wiley, Interim Associate Vice President, Academic Programs and Graduate Studies; and copy Sarah Aubert, Catalog and Curriculum Specialist, Academic Programs and Graduate Studies, for additional instructions as soon as possible.

Department:* Department of Psychology

Full and exact title of Major including degree earned:* Psychology B.S.

Has your program received transformation funding?* Yes No

If the program received transformation funding, please summarize the transformative changes made:
Clearer progression from introductory to intermediate to advanced courses, with stronger prerequisite structure.
Fewer small lab courses.
Incorporated high-impact teaching practices in larger courses.
New program learning outcomes and assessment plan.
Program Description

Psychology is the science of behavior and mental processes. Many psychologists work primarily with people to understand how they think, respond to stress, learn and forget, develop into unique personalities, and interact with one another. Others study the behavior and nervous systems of animals in order to find general principles that apply across species. Psychologists apply their knowledge to do therapy and counseling, to improve practices in schools, prisons, and rehabilitation centers, and to enhance performance in industry, business, and the professions.

The Psychology department offers a major in both the Bachelor of Arts (B.A.) and the Bachelor of Science (B.S.) degrees. These are basic programs; to become a "psychologist" requires graduate training.

The B.A. program is appropriate for most psychology students. It provides a basic understanding of human behavior and motivation that is valuable in many careers in business, government, and education. It also provides the background expected for entry into graduate programs in clinical psychology, counseling psychology, school psychology, health psychology, social psychology, or experimental psychology.

The B.S. programs are designed for more specialized purposes. Students in the B.S. program must select one of the two concentrations in that program: Industrial/Organizational Psychology or Ergonomics and Human Factors. The concentration in Industrial/Organizational Psychology provides preparation for careers related to business, with an emphasis on personnel management. The concentration in Ergonomics and Human Factors provides preparation for careers in the design of work environments to take account of human limitations and strengths, for example, the design of equipment (computers, aircraft, automobiles) or the design of industrial procedures.

In Psychology's minor program, students can choose courses to complement training in business, communication, health and medicine, law and criminology, statistics, biology, and many other fields. Of special interest to students in that program might be our courses in developmental psychology, personality, cognitive processes, and learning.

Program Learning Outcomes

Students graduating with a B.A. or B.S. in Psychology will be able to:

- Identify key concepts, principles, and applications of psychology’s content domains.
- Apply scientific reasoning to interpret psychological phenomena and to design and conduct basic psychological...
research.  
Evaluate the ethicality of individual studies at each stage of the scientific process.  
Demonstrate effective written communication skills.  
Understand career options within psychology.

Career Opportunities

Bachelor of Arts:

Clinical/Counseling/Child Psychologist  
Community Mental Health Employee  
Experimental Psychologist  
Human Service Worker  
Police/Probation Officer  
Recreation Worker  
School Counselor  
Social Worker  
Special Education Teacher  
Substance Abuse Counselor

Bachelor of Science:

Advertising Account Executive  
Business Executive  
Career Counselor  
Employee Counselor and Trainer  
Human Resource Specialist  
Personnel Representative  
Program Evaluator  
Public Relations Specialist

Features

The Psychology department’s facilities include a fully equipped computer lab, an animal lab, and several labs for studying human behavior. These facilities support an unusual and important characteristic of the department - its emphasis on hands-on student involvement in the study of human and animal behavior through participation in laboratory courses and faculty research, in field trips, and in community volunteer placements.

Both the Psychology Club and Psi Chi (national honor society in psychology) provide opportunities for students to get together to hear speakers and to discuss topics such as career and graduate school opportunities.

All courses required for the Psychology B.A. major are offered in the evening program, both at the Hayward and Concord campuses, over a two-year period. However, the range of choices and flexibility of scheduling is more limited in the evening program.
Advising

Psychology students are encouraged to visit a major advisor when they begin taking classes at CSUEB. Major advising is handled by the full-time faculty in the department. Students may visit any advisor; advisors are not assigned, and students do not need to select one. Office hours and locations are available on the department website and in the department office.

Preparation

For Advanced Placement course equivalencies, see Registration.

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**Please read before completing Major Requirements Section**

**Instructions:**

Start with the **View Curriculum Courses** icon directly beneath the Major Requirements field. Select the **Add Courses** button to enter each individual course that will be used in your Major Program. (Include the Course Units in the Course Title (name) field for review by campus committees).

Next select the **View Curriculum Schema** icon (to the left of the Curriculum Courses icon). Select **Add Core** to build the headers and requirements for your catalog page. i.e. add headers for Prerequisites, Core Requirements, Electives, Capstone. (If you have a concentration(s), add a core titled Concentrations and list only the total concentration units. You do not need to list each individual concentration.) **Please remember to include total units in core headers.**

Preview your catalog chapter by selecting the **Preview Curriculum** icon.

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**Major Requirements:**

**Core Requirements (32 units)**

**Complete the following courses** (28 units)

- PSYC 100 General Psychology (3)
- PSYC 200 Methods of Investigation in Psychology (3)
- PSYC 300 Experimental Psychology (4)
- PSYC 310 Psychology of Learning (4)
- PSYC 330 Cognition (4)
- PSYC 360 Social Psychology (4)
- STAT 100 Elements of Statistics and Probability (3)
STAT 310 Statistical Methods in the Social Sciences (3)

**Advanced Lab Requirement** (4 units)
Take one of the following courses.
PSYC 491A Research in Conditioning and Learning (4)
PSYC 491B Research in Physiological Psychology (4)
PSYC 491C Research in Cognitive Psychology (4)
PSYC 491D Research in Developmental Psychology (4)
PSYC 491E Research in Social & Personality Psychology (4)
PSYC 491F Research in Clinical Psychology (4)
PSYC 493A Research in Organizational Psychology (4)
PSYC 493B Research in Industrial Psychology (4)

**Concentrations (23-32 units)**

Students must select a concentration in **Ergonomics and Human Factors** or **Industrial/Organizational Psychology**.

**Ergonomics and Human Factors Concentration** (29-32 units)

**Required Courses** (12 units)
Note: Students completing the Ergonomics and Human Factors Concentration can take STAT 330 and 331 instead of STAT 100 and 310, and may use those courses to satisfy the STAT 310 prerequisite of PSYC 300.

PSYC 320 Physiological Psychology (4)
PSYC 431 Sensation and Perception (4)
INDE 390 Human Factors and Work Methods (4)

**Computer Science Requirement** (3-4 units)
Take one of the following courses:
CS 100 Programming for Everyone (3)
CS 101 Computer Science I (4)

**Physics Requirement** (8 units)
Take either PHYS 125 and 126, or PHYS 135 and 136. PHYS 125 requires MATH 120 (Precalculus), which students can test out of. PHYS 135 requires MATH 130 (Calculus).

PHYS 125 Principles of Physics I (4) and
PHYS 126 Principles of Physics II (4)
**OR**
PHYS 135 Physics for Scientists and Engineers I (4) and
PHYS 136 Physics for Scientists and Engineers II (4)

**Elective (6-8 units)**
Complete any one of the following requirements:
1. Computer Science Group: CS 200 or 201, plus 3-4 additional units of CS courses.
2. Engineering Group: 6-8 units of INDE courses.
4. Psychology Group: 8 additional units of permissible upper-division PSYC courses (some courses may not be used for the psychology major, as indicated in the course descriptions).

Industrial/Organizational Psychology Concentration
(23-24 units)

Required Courses (4 units)
PSYC 370 Psychological Measurement (4)

Area Requirements: At least one course from the Area Requirements below must be either PSYC 469 or PSYC 479

Industrial Topics (8 units)
Take two of the following courses:
PSYC 350 Personality Psychology (4)
PSYC 415 Introduction to Applied Behavior Analysis (4)
PSYC 471 Decision Theory and Analysis (4)
PSYC 472 Motivation (4)
PSYC 479 Industrial Psychology (4)

Organizational Topics (8 units)
Take two of the following courses:
PSYC 461 Culture and Social-Organizational Psychology (4)
PSYC 462 Psychology of Negotiation and Conflict Resolution (4)
PSYC 463 Interpersonal Processes (4)
PSYC 469 Group Dynamics (4)

Elective Requirement (3-4 units)
Take any one upper-division Psychology course in addition to those used to satisfy the above major requirements (courses beginning with PSYC 491 or 493 may not be used), or any one of the following:
MGMT 314 Leadership and Management (3)
MGMT 316 Human Resources Training and Development (3)
MGMT 318 Employee Relations (3)
MGMT 400 Seminar in Human Resource Management (3)
MGMT 406 Compensation and Reward Systems (3)
STAT 311 Data Analysis using Statistical Packages (3)
STAT 401 Analysis of Variance for Psychology (3)
STAT 473 Introduction to Nonparametric Statistics (3)
To revise an existing concentration (formerly option) or create a new concentration, select form 3a. Semester Conversion Request for Approval of New or Revised Undergraduate Concentration.

### Total Units Required

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Total Units should not exceed 120 Semester Units unless previously approved by Chancellor's Office for exemption.

**B.A. Programs:** Major requirements are a minimum of 24 units with at least 12 upper division units.

**B.S. Programs:** Major requirements are a minimum of 36 units with at least 18 upper division units.

See [Unit Calculator](https://csueastbay.curriculog.com/proposal:1948) for assistance.

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If the program has a similar transfer model curriculum (TMC), please e-mail Kyle Burch, Articulation Officer, Academic Programs and Graduate Studies, to verify that the revised program meets the TMC requirements prior to submitting the program revision request form.

**Is the major approved as a "similar" degree under the STAR Act (SB 1440)?**

- [ ] Yes
- [ ] No
- [ ] I'm not sure (Articulation Office will contact you)

**If yes, explain how this modification will affect the "similar" degree agreement**

Under quarters, the Industrial/Organizational Option is approved as a "similar" degree under SB 1440. However, the semester-based program probably doesn't qualify, and the department prefers that neither of the BS concentrations be listed as "similar" degrees.

The Psychology BA does qualify, and should be listed as a "similar" degree.
Were any concentrations (options) discontinued?*

- Yes
- No

If yes, please explain below. If no, please enter "N/A" or "not applicable."*

N/A

Is this major approved as an online degree program?*

- Yes
- No

If no, is there any pathway in the revised degree that is more than 50% online?

- Yes
- No

Resource implications of the proposed revision, if any:

Resources required are similar to those for the current quarter-based programs.

Relationship of Revised Program to requirements for teaching credentials, accreditation, and/or licensing, if any:

N/A
Consultation with other affected departments and programs:

The following department(s) has (have) been consulted and raised no objections:

Computer Science, Engineering, Math, Physics, and Statistics have all been consulted and raised no objections.

The following department(s) has (have) been consulted and raised concerns:

None yet.

Attachments

Please scroll to the top of this form and select the Files icon to attach the following documents to your proposal:

- Bachelor's Degree Roadmap
- Curriculum Map 1 - PLOs to Courses
- Curriculum Map 2 - PLOs to ILOs
- Five Year Assessment Plan

Did you attach your Curriculum Maps, Five Year Assessment Plan or other supporting documents to this proposal?

- Yes
- No

Catalog Item Types

Degree Type*
Bachelor of Science

Program Type: Bachelor
### Steps for Psychology B.S.

#### Originator

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Date Completed: 5/27/2016 5:18 PM  
Changes: No  
Comments: No |

#### Department Chair

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Comments: No |

#### Dean's Office Review

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 ![Jason Singley](https://csueastbay.curricolog.com/proposal:1948/print) 5/31/2016 3:00 PM | Required for Approval: 100% required  
Date Completed: 5/31/2016 3:00 PM  
Changes: No  
Comments: No |

#### College Curriculum Committee Approval

| Status: Approved |
Participants

**College of Science Curriculum Committee**

- Anne Kotchevar * 6/3/2016 9:34 AM
- Jason Singley * 6/15/2016 3:55 PM

Activity

Required for Approval: 50% required
Date Completed: 6/15/2016 3:55 PM
Changes: No
Comments: Yes
Agenda: Yes

* Agenda Administrator

Dean's Office Approval

Participants

- Jason Singley 6/15/2016 3:55 PM

Activity

Required for Approval: 50% required
Date Completed: 6/15/2016 3:55 PM
Changes: No
Comments: No

APGS (Technical Review)

Participants

- Sarah Aubert
- Sandra Claflin 6/28/2016 12:56 PM
- Stephanie Matsuda 7/12/2016 10:52 AM
- **Stephanie Matsuda (System Administrator)** 7/13/2016 9:25 AM

Activity

Required for Approval: 33% required
Date Completed: 7/13/2016 9:25 AM
Changes: Yes
Comments: Yes

APGS (Dean, Undergraduate Studies Review)

Participants

- Maureen Scharberg 7/27/2016 10:00 AM

Activity

Required for Approval: 100% required
Date Completed: 7/27/2016 10:00 AM
Changes: No
Comments: Yes
### Committee on Instruction and Curriculum

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**Changes:** No

**Comments:** No

**Agenda:** Yes

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### Committee on Instruction and Curriculum

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**Changes:** No

**Comments:** No

**Agenda:** Yes

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### Committee on Instruction and Curriculum

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### Custom Route

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Attachments for Psychology B.S.

PsychologyBS-EHF-Roadmap.pdf (uploaded by David Fencsik, 5/26/2016 1:44 pm)
PsychologyBS-EHF-CurrMap1.pdf (uploaded by David Fencsik, 5/26/2016 1:44 pm)
PsychologyBS-EHF-CurrMap2.pdf (uploaded by David Fencsik, 5/26/2016 1:44 pm)
PsychologyBS-EHF-AssessmentPlan.pdf (uploaded by David Fencsik, 5/26/2016 1:45 pm)
PsychologyBS-IO-Roadmap.pdf (uploaded by Stephanie Matsuda, 7/12/2016 10:48 am)
PsychologyBS-IO-CurrMap1.pdf (uploaded by Stephanie Matsuda, 7/12/2016 10:49 am)
PsychologyBS-IO-CurrMap2.pdf (uploaded by Stephanie Matsuda, 7/12/2016 10:49 am)
PsychologyBS-IO-AssessmentPlan.pdf (uploaded by Stephanie Matsuda, 7/12/2016 10:49 am)
Comments for Psychology B.S.

Mitch Watnik
2/3/2017 10:28 am Reply
This was approved unanimously by CIC on January 30, 2017 and documented as 16-17 CIC 61.

David Fencsik
1/19/2017 2:28 pm Reply
CIC concerns about concentrations should now be addressed.

Mitch Watnik
1/6/2017 3:04 pm Reply
CIC voted to postpone this so that unit issues in the concentrations can be resolved. Psych Chair David Fencsik, in discussion with AVP Wiley and CIC Chair, has recommended a solution. He will edit the proposal and then it will come back to CIC for consideration.

Mitch Watnik
10/24/2016 4:35 pm Reply

Maureen Scharberg
7/27/2016 10:00 am Reply
For both roadmaps, PE is listed as an elective in the seventh semester. I am not sure why or if this is appropriate, but I will let CIC decide.

Stephanie Matsuda
7/12/2016 10:52 am Reply
Combined two program proposals (Psychology B.S. Concentration in Industrial/Organizational Psychology and Psychology B.S. Concentration in Ergonomics and Human Factors) into one proposal.

Anne Kotchevar
6/3/2016 9:34 am Reply
Unanimously approved by the College of Science curriculum committee

Crosslistings for Psychology B.S.
Psychology B.S. (parent proposal)
This proposal does not have any active crosslisted proposals.
Decision Summary for Psychology B.S.

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