**AMENDED**
**Minutes of the Campus Curricula Committee Meeting**
**March 2, 2023**
**8:15am, Bertelsmeyer 110H**
**(For Faculty Senate Meeting on March 23, 2023)**

**Attendees**: Petra Dewitt, Katie Shannon, Michael Davis, Mark Fitch, Kyle Perry, Michael Gosnell, Evie Sherlock, Jennifer Pohlsander

*The following curriculum forms were discussed and approved:*

**Course Change forms:**
File: 4894      BIO SCI 5453 : Forest Insect Diversity & Ecology
File: 4929      EDUC 4410 : Behavior Management in Special Education
File: 2319.1    PSYCH 4994 : Psychology in Media
File: 4931      PSYCH 4995 : Rationality

**Program Change forms:**
File: 147.21    BIO SC-BS : Biological Sciences BS
File: 23.6      COGNEUR-MI : Cognitive Neuroscience Minor
File: 374.15    ENGL TC-BS : English & Technical Communication BS
File: 48.11     ENGL-BA : English BA
File: 363.5     HUMFACT-MI : Human Factors Psychology
File: 72.7      I/O PSY-MI : Indus/Organization Psych Minor
File: 192.47    PSYCH-BA : Psychology BA
File: 193.47    PSYCH-BS : Psychology BS
File: 243.10    PSYHLTH-MI : Psychology for Health Care - Minor
File: 132.9     TCH COM-BS : Technical Communication BS

**Experimental Course forms**:
File: 4923      BIO SCI 5001.008 : General Virology Lab
File: 4932      ENGLISH 1001.001 : Written English Communication Skills for International Students
File: 4933      ENGLISH 1001.002 : Oral English Communication for International Students
File: 4934      ENGLISH 5001.001 : Written English Communication Skills for International Graduate Students
File: 4935      ENGLISH 5001.002 : Oral English Communication for International Graduate Students
File: 4930      BIO SCI 5001.009 : Environmental Conservation

*The following Course Change form was rolled back to be resubmitted as an Experimental Course form.*
File: 4912     POL SCI 5500 : Geopolitics and International Security

*The following Experimental Course form was amended from ENV SCI 5001.009 : Environmental Conservation to BIO SCI 5001.009 : Environmental Conservation because ENV SCI 5001 is not an existing course.*
File: 4930     BIO SCI 5001.009 : Environmental Conservation

**New Business:**
Discussion regarding whether there is a definitive rule for the minimum hours required for a Minor. The Registrar's office will provide information to CCC Chair prior to next CCC meeting.

The meeting adjourned at 8:49 a.m.

*Petra DeWitt*
_____

Petra DeWitt, Chair
Missouri S&T Campus Curricula Committee

# Course Change Request

In Workflow

1. **RBIOLSCI Chair**
2. **CCC Secretary**
3. **Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. **Campus Curricula Committee Chair**
7. **FS Meeting Agenda**
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

## New Course Proposal

Date Submitted: 09/12/22 11:28 am

Viewing: **BIO SCI 5453 : Forest Insect Diversity & Ecology**

File: 4894

Last edit: 01/10/23 1:08 pm

Changes proposed by: niyogid

| Programs referencing this course | BIO SC-BS: Biological Sciences BS |
|---|---|

| Requested Effective Change Date | Fall 2023 |
|---|---|
| Department | Biological Sciences |
| Discipline | Biological Sciences (BIO SCI) |
| Course Number | 5453 |

Title

Forest Insect Diversity & Ecology

| Abbreviated Course Title | Insect Diversity |
|---|---|

Catalog Description

In this course, you will learn key insect characteristics, common forest insects, insect life history and ecology, and entomological collection techniques. This course will be taught at the Ozark Research Field Station and will consist of several field trips to collecting sites and laboratory identification of insects.

Prerequisites

Bio Sci 2263.

Field Trip Statement

This course will be held at the Ozark Research Field Station outside Newburg,

Approval Path

1. 09/12/22 11:29 am David Duvernell (duvernelld): Approved for RBIOLSCI Chair
2. 09/20/22 3:59 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 12/09/22 10:35 am Katie Shannon (shannonk): Approved for

Missouri. Students are expected to arrange their own transportation to and from the Station.

| Credit Hours Total: 2 | LEC: 0 | LAB: 2 | IND: 0 | RSD: 0 |
|---|---|---|---|---|

| Required for Majors | No |
|---|---|

| Elective for Majors | Yes |
|---|---|

Justification for new course:
This class has been taught several times as an experimental offering. It is now ready for a permanent number.

Semesters previously offered as an experimental course
Summer 2020-0, Summer 2021-12, Summer 2022-3

Co-Listed Courses:

Course Reviewer Comments
**jpnfd (09/15/22 3:33 pm):** Updated term to SS23, updated prereq,format, added enrollment numbers: SS20-0, SS21-12, SS22-3.
**jpnfd (12/15/22 4:00 pm):** Term changed to Fall 23
**jpnfd (01/09/23 4:29 pm):** Rollback: The course number BIO SCI 5463 has been used previously for the course Global Ecology.
**esdk3 (01/10/23 11:56 am):** Rollback: per phone call w/Dr. Duvernell, rolling back to correct the number as "5463" is not available for use (previously used number).

Key: 4894

Sciences DSCC Chair
4. 01/09/23 4:29 pm Jennifer Pohlsander (jpnfd): Rollback to RBIOLSCI Chair for Pending CCC Agenda post
5. 01/10/23 10:58 am David Duvernell (duvernelld): Approved for RBIOLSCI Chair
6. 01/10/23 11:56 am Evie Sherlock (esdk3): Rollback to RBIOLSCI Chair for CCC Secretary
7. 01/10/23 1:08 pm David Duvernell (duvernelld): Approved for RBIOLSCI Chair
8. 01/10/23 1:27 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
9. 01/26/23 9:21 am Katie Shannon (shannonk): Approved for Sciences DSCC Chair
10. 02/13/23 11:55 am Jennifer Pohlsander

(jpnfd): Approved for Pending CCC Agenda post

11. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

12. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

Preview Bridge

# Course Change Request

Date Submitted: 01/06/23 12:20 pm

Viewing: **EDUC 4410 : Behavior Management in Special Education**

File: 4929

Last edit: 01/06/23 12:20 pm

Changes proposed by: bakm75

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | Teacher Education and Certification |
| Discipline | Education (EDUC) |
| Course Number | 4410 |
| Title | Behavior Management in Special Education |
| Abbreviated Course Title | SPED Behavior Mgmt |

Catalog Description
  Students will learn the foundations of behavior management and positive behavioral supports. Students will learn to create a proactive learning environment through supports, interventions, and behavioral monitoring.

Prerequisites

Field Trip Statement

| Credit Hours | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|
| Total: 3 | | | | |

| | |
|---|---|
| Required for Majors | No |

## In Workflow

1. **REDUCATION Chair**
2. **CCC Secretary**
3. **Social Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. **Campus Curricula Committee Chair**
7. **FS Meeting Agenda**
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

## Approval Path

1. 01/06/23 12:20 pm
   Beth Kania-Gosche (bkaniagosche): Approved for REDUCATION Chair
2. 02/08/23 8:12 am
   Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/08/23 9:43 am
   Cecil Eng Huang

| Elective for Majors | Yes |
|---|---|

Justification for new course:

This course will be course shared with Mizzou. The course would, at present, be an elective. However, we are in the process of obtaining approval from DESE to offer a special education certification. We first need the courses approved. When we have DESE's approval, we will add a B.S. in Education with emphasis in special education as well as a minor in special education. We hope this will be ready for the Fall 2023 catalog.

Semesters previously offered as an experimental course

Mizzou has offered this course for many years.

Co-Listed Courses:

Course Reviewer Comments

Chua (cchua): Approved for Social Sciences DSCC Chair

4. 02/13/23 11:55 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post

5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

Preview Bridge

# Course Change Request

A deleted record cannot be edited

## Course Deactivation Proposal

Date Submitted: 02/02/23 3:43 pm

Viewing: **PSYCH 4994 : Psychology in Media**

File: 2319.1

Last edit: 02/07/23 3:02 pm

Changes proposed by: burnsde

| | |
|---|---|
| Requested Effective Change Date | <span style="color:green">Fall 2023</span> <span style="color:red">~~Fall 18 Prereq Attribute Update~~</span> |
| Department | Psychological Science |
| Discipline | Psychology (PSYCH) |
| Course Number | 4994 |
| Title | Psychology in Media |
| Abbreviated Course Title | Psychology in Media |

Catalog Description
Examples drawn from the media (e.g., television, movies, newspapers) will be used as the basis for discussing a wide variety of psychological phenomena, principles, and theories, and their applicability to everyday life.

Prerequisites
Psych 1101.

Field Trip Statement

| Credit Hours Total: 3 | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|

| Required for Majors | No |
|---|---|

## Approval Path

1. 02/02/23 4:42 pm Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/07/23 3:02 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/07/23 5:13 pm Cecil Eng Huang Chua (cchua): Approved for Social Sciences

| Elective for Majors | No |
|---|---|

Justification for change:
  No longer being offered, and no current faculty plan to teach it.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer Comments
  **jpnfd (02/07/23 3:02 pm):** Updated term to Fall 2023

Key: 2319

DSCC Chair
4. 02/13/23 11:56 am
   Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

# Course Change Request

## New Course Proposal

Date Submitted: 01/27/23 8:27 am

Viewing: **PSYCH 4995 : Rationality**

File: 4931

Last edit: 02/02/23 3:44 pm

Changes proposed by: burnsde

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | Psychological Science |
| Discipline | Psychology (PSYCH) |
| Course Number | 4995 |
| Title Rationality | |
| Abbreviated Course Title | Rationality |

### In Workflow

1. **RPSYCHOL Chair**
2. **CCC Secretary**
3. **Social Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. **Campus Curricula Committee Chair**
7. **FS Meeting Agenda**
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

Catalog Description

This course will discuss the various ways our natural thinking style can lead us to make reasoning errors and how we can try to do better. Our focus will be on using results from Cognitive Psychology to improve our everyday lives, doing various hands-on projects throughout the semester.

Prerequisites

Field Trip Statement

| Credit Hours Total: 3 | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|

| Required for Majors | No |
|---|---|

### Approval Path

1. 01/27/23 9:14 am Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/02/23 1:10 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/02/23 3:44 pm Cecil Eng Huang Chua (cchua): Approved for Social Sciences DSCC Chair

| Elective for Majors | Yes |
|---|---|

**Justification for new course:**

New elective topic to provide a capstone option focused on Cognitive Psychology topics. Was previously offered twice as experimental course Psych 3001

**Semesters previously offered as an experimental course**

Spring 2021 enrollment: 20

Spring 2023 enrollment: 10

**Co-Listed Courses:**

Course Reviewer Comments

**jpnfd (02/01/23 9:56 am):** Updated term to Fall 2023

**jpnfd (02/01/23 10:19 am):** Added enrollment numbers: Spring 2021- 10 enrolled & Spring 2023- 20 enrolled (as of 2/1/23)

4. 02/13/23 11:56 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post

5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

6. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

# Program Change Request

Date Submitted: 09/27/22 1:59 pm

## Viewing: **BIO SC-BS : Biological Sciences BS**

**File: 147.21**

**Last approved: 06/14/22 4:24 pm**

**Last edit: 01/10/23 1:22 pm**

Changes proposed by: shannonk

Catalog Pages Using this Program

[Biological Sciences](#)

Start Term

Fall 2023 2022

Program Code

BIO SC-BS

Department

Biological Sciences

Title

Biological Sciences BS

## Program Requirements and Description

## Approval Path

1. 09/27/22 2:04 pm David Duvernell (duvernelld): Approved for RBIOLSCI Chair
2. 10/05/22 9:33 am Evie Sherlock (esdk3): Approved for CCC Secretary
3. 10/07/22 3:03 pm Katie Shannon (shannonk): Approved for Sciences DSCC Chair
4. 12/02/22 10:20 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 01/11/23 2:40 pm Jennifer Pohlsander (jpnfd): Rollback to Pending CCC Agenda post for CCC Meeting Agenda
6. 02/13/23 11:55 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
7. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting

## History

1. Aug 1, 2014 by Katie Shannon (shannonk)
2. Feb 1, 2016 by Ilene Morgan (imorgan)
3. Jun 18, 2018 by Katie Shannon (shannonk)
4. Jan 30, 2020 by Katie Shannon (shannonk)
5. Apr 28, 2020 by Katie Shannon (shannonk)
6. Feb 3, 2021 by Katie Shannon (shannonk)
7. Jun 14, 2022 by Katie Shannon (shannonk)

## Bachelor of Science
## Biological Sciences
## Degree Requirements

A minimum of 124 credit hours is required for a Bachelor of Science degree in Biological Science.

A minimum grade of "C" is required for each Biological Science course used to fulfill the B.S. degree requirements.

These requirements for the B.S. degree are in addition to credit that is received for basic ROTC.

The Biological Science B.S. degree must include 48 semester hours of biological sciences course work, to include:

| | | |
|---|---|---|
| BIO SCI 1201 | Biological Sciences Freshman Seminar | 1 |
| BIO SCI 1113 | General Biology | 3 |
| or BIO SCI 1213 | Principles of Biology | |
| BIO SCI 1219 | General Biology Lab | 1 |
| BIO SCI 1223 | Biodiversity | 3 |
| BIO SCI 1229 | Biodiversity Lab | 1 |
| BIO SCI 2213 | Cell Biology | 3 |
| BIO SCI 2219 | Cell Biology Laboratory | 1 |
| BIO SCI 2223 | General Genetics | 3 |
| BIO SCI 2263 | Ecology | 3 |

| | | |
|---|---|---|
| BIO SCI 3233 | Evolution | 3 |
| BIO SCI 4010 | Seminar | 1 |
| Advanced biological sciences or approved course work in other departments for a total of 48 credit hours of biology-related classes to include at least two laboratory courses from the following: | | 25 |
| BIO SCI 2242 | Cave Biology | |
| BIO SCI 2252 | Vegetation of the Ozarks | |
| BIO SCI 2264 | Field Ecology | |
| BIO SCI 2359 | Zoology Laboratory | |
| BIO SCI 2389 | Plant Biology Laboratory | |
| BIO SCI 3319 | Microbiology Lab | |
| BIO SCI 3339 | Human Anatomy Physiology I Lab | |
| BIO SCI 3349 | Human Anatomy and Physiology II Laboratory | |
| BIO SCI 3353 | Comparative Vertebrate Anatomy | |
| BIO SCI 3359 | Physiology Lab | |
| BIO SCI 4099 | Undergraduate Research (minimum 2 hours) | |
| BIO SCI 4329 | Molecular Genetics Laboratory | |
| BIO SCI 4369 | Freshwater Ecology Laboratory | |
| BIO SCI 5453 | Course BIO SCI 5453 Not Found | |
| BIO SCI 5523 | Ichthyology | |
| 17 semester hours of chemistry to include general chemistry | | 17 |
| CHEM 1310 & CHEM 1319 & CHEM 1320 & CHEM 1100 | General Chemistry I and General Chemistry Laboratory and General Chemistry II and Introduction To Laboratory Safety & Hazardous Materials | |
| CHEM 2210 & CHEM 2219 & CHEM 2220 & CHEM 2229 | Organic Chemistry I and Organic Chemistry I Lab and Organic Chemistry II and Organic Chemistry II Lab | |
| 2 semesters of College (Engineering) Physics and labs | | 8 |
| PHYSICS 1145 | College Physics I | |
| or PHYSICS 1135 | Engineering Physics I | |
| PHYSICS 2145 | College Physics II | |
| or PHYSICS 2135 | Engineering Physics II | |
| Math and Statistics | | 8 |
| STAT 3425 | Introduction to Biostatistics | |
| MATH 1211 | Calculus I-B | |
| or MATH 1212 | Survey of Calculus | |
| or MATH 1214 | Calculus I | |
| 12 semester hours of humanities, excluding foreign language, and to include: | | 12 |
| ENGLISH 1120 & ENGLISH 1160 | Exposition And Argumentation and Writing And Research (entering students will normally take ENGLISH 1120 either semester of the first year) | |
| 9 hours of social sciences, to include | | 9 |
| HISTORY 1200 | Modern Western Civilization (or equivalent) | |
| or HISTORY 1300 | American History To 1877 | |
| or HISTORY 1310 | American History Since 1877 | |

| | | | |
|---|---|---|---|
| or [POL SCI 1200](#) | | American Government | |

| Total Credits | 102 |
|---|---|

**Elective credits:** In consultation with his or her advisor, each student will elect sufficient additional courses to complete a minimum of 124 credit hours.

Justification for request

Hands on learning in labs is important in biology. Our department has several new lab courses and is increasing the required upper level lab from one to two lab courses and is listing additional courses students may take to fill this requirment.

Supporting Documents

Course Reviewer Comments

**esdk3 (09/28/22 3:10 pm):** corrected formatting for Bio Sci 4099. - es

**jpnfd (10/04/22 10:18 am):** Removed "*" from title.

**esdk3 (10/05/22 9:28 am):** Updated term to Fall 2023. Arranged Bio Sci lab course list in numerical order. Corrected course list for the Math and Statistics section (math/stat hours were being totaled twice). Bio Sci 5463 & 5523 are new courses and will show as "not found" until approved through CCC. -es 10/5/22

**jpnfd (01/10/23 1:20 pm):** Changed course from BIO SCI 5463(Number already in use and assigned a new number on 1/10/23) to BIO SCI 5453(the new number) for the course Forest Insect Diversity & Ecology.

**jpnfd (01/10/23 1:22 pm):** Format update-Indented course BIO SCI 5453

**jpnfd (01/11/23 2:40 pm):** Rollback: Not ready to be on agenda for 1/26/23. Rollback until next mtg. waiting on approval of a new course

Key: 147

# Program Change Request

Date Submitted: 01/26/23 2:13 pm

## Viewing: **COGNEUR-MI : Cognitive Neuroscience Minor**

**File: 23.6**

**Last approved: 07/01/20 1:38 pm**

**Last edit: 02/09/23 9:28 am**

Changes proposed by: burnsde

Catalog Pages Using this Program

[Psychology](#)

Start Term
Fall 2023 2020
Program Code
COGNEUR-MI
Department
Psychological Science
Title
Cognitive Neuroscience Minor

## Program Requirements and Description

## Approval Path

1. 01/26/23 2:31 pm Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/09/23 9:32 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/09/23 10:05 am Cecil Eng Huang Chua (cchua): Approved for Social Sciences DSCC Chair
4. 02/13/23 11:55 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

## History

1. May 7, 2014 by Lahne Black (lahne)

**Cognitive Neuroscience Minor**

Requirements include:

| | | |
|---|---|---|
| PSYCH 1101 | General Psychology | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4410 | Neuroscience | 3 |
| and two of the following courses: | | |
| ~~PSYCH 3400~~ | ~~Theories Of Learning~~ | ~~3~~ |
| PSYCH 4411 | Sensation and Perception | 3 |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |

Justification for request

Reorganizing courses so that more important courses are required and others are optional.

Supporting Documents

Psychological Science Minor Changes.pdf

Course Reviewer Comments

**jpnfd (01/31/23 3:56 pm):** Updated term to Fall 2023

**jpnfd (02/09/23 9:28 am):** Approval documentation (memo) from Provost.

Key: 23

## Program Change Request

Date Submitted: 09/09/22 8:55 pm

## Viewing: ENGL TC-BS : English & Technical Communication BS

**File: 374.15**

**Last approved: 06/14/22 4:24 pm**

**Last edit: 02/02/23 11:31 am**

Changes proposed by: kswenson

Catalog Pages Using this Program
[English and Technical Communication](#)

Start Term
Fall 2023 ~~2022~~
Program Code
ENGL TC-BS
Department
English and Technical Communication
Title
English & Technical Communication BS

**Program Requirements and Description**

## History

1. Mar 4, 2021 by
   Kristine Swenson
   (kswenson)
2. Jun 10, 2021 by
   Kristine Swenson
   (kswenson)
3. Jun 14, 2022 by
   Daniel Reardon
   (reardond)

Students must complete a minimum of 120 hours for a Bachelor of Science in English & Technical Communication, and obtain a grade point average of 2.0. These requirements for the B.S. are in addition to credit received for basic ROTC.

| Communications. Student must take the following 9 hours of courses: | | |
|---|---|---|
| ENGLISH 1120 | Exposition And Argumentation | 3 |
| ENGLISH 2002 | Critical Approaches To Literature | 3 |
| One writing intensive course out of major OR two writing emphasized courses out of major | | 3 |

Math and Sciences.  Students must take **18 hours of math and science courses**, including at least one in biological science and one in the physical sciences and at least one math course at the level of college algebra or higher. In addition to these requirements, students may count STAT 1115, up to 3 hours from psychology classes, and up to 3 hours from history of science and technology classes (HISTORY 2510, HISTORY 3510, or HISTORY 3530), but may not use them to satisfy another requirement.

Humanities. Students must complete **9 hours in humanities** with at least one course from each of the following: literature, philosophy, and fine arts (Art, Music, or Theater Appreciation).

Social Sciences. Students must complete **12 hours in social science courses**. Students must take at least one course in two of these four areas: economics, history, political science, and psychology.

| One of the following courses must be taken to satisfy the requirement of the state of Missouri (the "Williams Law"); this course may count toward fulfilling the social sciences requirement | | |
|---|---|---|
| HISTORY 1200 | Modern Western Civilization | 3 |
| HISTORY 1300 | American History To 1877 | 3 |
| HISTORY 1310 | American History Since 1877 | 3 |
| POL SCI 1200 | American Government | 3 |

**English and Technical Communication.** Students must complete **33 credit hours of courses in ENGLISH and/or TCH COM**. The student must earn a grade of C or better in these required courses.

All students must take the following 9 hours for the major:

| ~~ENGLISH 2410~~ | ~~Theory Of Written Communication~~ | ~~3~~ |
|---|---|---|
| ~~TCH COM 4410~~ | ~~Theory and Practice of Technical Communication~~ | ~~3~~ |
| ~~TCH COM 5620~~ | ~~Research Methods in Technical Communication~~ | ~~3~~ |

| ENGLISH 2410 | Theory Of Written Communication | 3 |
|---|---|---|

| TCH COM 5620 | Research Methods in Technical Communication | 3 |
| TCH COM 4410 | Theory and Practice of Technical Communication | 3 |

Each student chooses *at least* one of the following **CORE MODULES**, which helps define each student's focus for the degree and provides foundational skills within that focus:

I. **Technical Communication** (12 hours):

| TCH COM 1600 | Introduction to Technical Communication | 3 |
|---|---|---|
| TCH COM 2540 | Layout and Design | 3 |
| TCH COM 5510 | Technical Editing | 3 |
| One of the following: | | |
| TCH COM 3550 | Writing for Social Media | 3 |
| TCH COM 3580 | Business Communication | 3 |
| TCH COM 3570 | Writing in the Sciences | 3 |
| TCH COM 5560 | Web-Based Communication | 3 |

II. **Literature** (12 hours):

- One 1000 or 2000 level literature class
- One 2000 or 3000 level literature class with a "media" or "genre" designation
- One 3000 level literature class with a geographical designation
- One 3000 level literature class with a historical or cultural designation

III. **Linguistics** (12 hours):

| ENGLISH 3301 | A Linguistic Study Of Modern English | 3 |
|---|---|---|
| ENGLISH 3302 | History And Structure Of The English Language | 3 |
| ENGLISH 3303 | The Grammatical Structure of English | 3 |
| ENGLISH 3304 | Language in Society | 3 |

Students should choose the remaining required hours in E&TC in consultation with their advisor to complete specialized modules and certificates that correspond with their interests and future goals. Specialized modules are generally sets of 3-4 courses that allow students to pursue specialized areas of our degree program. Please refer to E&TC website and/or consult your advisor for a full list of current modules and certificates. Some of these include: Creative Writing, Professional Writing, Game Studies, English Education, Digital Presence Management.

**Electives Credit.** Each student will elect sufficient additional courses to complete a minimum of 120 credit hours, at the discretion of the major adviser. Electives housed in other departments can and should be used to fulfill requirements for interdisciplinary specialized modules and certificates. At least 9 hours of these electives must be at the 3000 or above level, although substitutions may be permitted at the discretion of the major adviser. All electives must accumulate to at least a 2.0 grade point average.

**English Education Certification:**

The student will fulfill the general requirements for the bachelor of science degree, the requirements for the ETC major, and the requirements for Missouri certification in the teaching of English including a 3.0 in all content courses, a 2.75 cumulative GPA, and passage of the Missouri Content exam. Contact the Missouri S&T English & Tech Com department for advising. Students preparing for teacher certification should note that the major requirements for English certification are as follows:

1. ENGLISH 1211, ENGLISH 1212, ENGLISH 1221, ENGLISH 1222.

2. ENGLISH 2002 Critical Approaches to Literature.

3. Capstone course for major: TCH COM 4410.

4. Fifteen hours of course work at the 2000 or 3000 level in English and American literature,

   including two courses in English Literature; and two American Literature courses, including literature for adolescents.

5. Six hours of linguistics.

6. Twelve hours of writing, including a course in the teaching of writing. Six of these hours will also be satisfied by the general education composition requirement for the B.S. degree; three of these hours will also be satisfied by the capstone course.

7. A minimum of fifteen hours must be at the 3000 level or above.

**Graduate Track Pathway to MS in Technical Communication:**

An undergraduate in the Department of English and Technical Communication at Missouri S&T, and select undergraduates in other departments, may opt to apply for the Graduate Track Pathway in Technical Communication (TC). This program allows a student to complete a bachelor's degree and then the MS in Tech Com in less time than if pursuing each degree consecutively. In this program, 9 hours of TC MS coursework may apply to both the BS and MS requirements. The credit hours transferred from their Missouri S&T bachelor's degree to their Technical Communication master's degree may be taken at the lower undergraduate tuition rate.

To be eligible for the GTP, an undergraduate must be one year from completion of their bachelor's degree (excluding the semester in which they are currently enrolled). They must have completed 9 credit hours of any combination of English and TC courses selected from 1160, 1600, 2002, 2410, 2540, 2560, and any 3000 or 4000 level English or TC course at Missouri S&T with at least a 3.50 GPA in those courses and a cumulative GPA of 3.0 or higher.

To be admitted, the student must complete the GTP Admission and Course Approval Form and must have the recommendation of a TC faculty member. Once admitted to the GTP, the student may transfer nine credit hours from their Missouri S&T bachelor's degree to their Technical Communication master's degree. Depending on the bachelor's program, some or all of those hours might also fulfill elective undergraduate categories. These nine hours of shared credit will be charged at the undergraduate tuition rate. The nine hours of shared-credit coursework must be approved by the academic advisor and must be courses approved to be part of the MS curriculum. Taking additional courses for graduate credit beyond these nine hours will require formal application and acceptance to the MS program. Acceptance to the MS program from the GTP is assured so long as the student maintains a 3.0 GPA or higher in TC coursework.

E&TC majors are encouraged to consult with their academic advisor during their sophomore or junior year about preparing for GTP admission.

---

Justification for request
These edits are simply cleaning up the degree to be in line with what was approved by MDHE in 2020. (Documentation attached.)
Supporting Documents
English & Technical Communication Proposal (short) copy.pdf
ETC Capstone 4410.pdf
RE Memo to correct MDHE doc from TCH COM 4420 to 4410.pdf
Course Reviewer Comments
**jpnfd (10/05/22 3:52 pm):** Rollback: For department re-evaluation
**kswenson (12/12/22 1:25 pm):** Please see attached documentation for questions.
**jpnfd (12/20/22 10:17 am):** Updated term to Fall 2023
**jpnfd (01/10/23 9:22 am):** Memo attached regarding typo on MDHE paperwork. "TCH COM 4420 (a course that does not exist) should be the capstone for the major. Instead, it should have read TCH COM 4410, a course that was the capstone for the now-defunct TCM BS degree. TCH COM 4410 should be the capstone for all ETC majors, including those seeking English Education certification." Memo sent to UM System on 1/9/2023
**jpnfd (01/31/23 2:50 pm):** Under English Education Certification - the Capstone course for major is TCH COM 4410, corrected from TCH COM 4420(course does not exist.) See attached memo.
**jpnfd (02/02/23 11:31 am):** Attached email regarding memo noting course number typo on MDHE paperwork. Course number should be updated from TCH COM 4420 (non-existant course) to TCH COM 4410.

# Program Change Request

A deleted record cannot be edited

## Program Deactivation Proposal

Date Submitted: 12/12/22 1:11 pm

## Viewing: ENGL-BA : English BA

### File: 48.11

### Last approved: 04/13/22 11:42 am

### Last edit: 12/22/22 4:01 pm

Changes proposed by: kswenson

Catalog Pages Using this Program
English and Technical Communication

Start Term
Fall 2023 2022
Program Code
ENGL-BA
Department
English and Technical Communication
Title
English BA

## Program Requirements and Description

## Approval Path

1. 12/12/22 1:30 pm Kristine Swenson (kswenson): Approved for RENGLISH Chair
2. 02/02/23 11:47 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/02/23 11:54 am Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair
4. 02/13/23 11:55 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

## History

## Bachelor of Arts in English
## (Emphasis Area in Secondary Education)

The student will fulfill the general requirements for the bachelor of arts degree, *except for foreign language and a minor;* the requirements for the English major *(emphasis in secondary education) ;* and the requirements for Missouri certification in the teaching of English. See Education. Contact the Missouri S&T English department for advising. Students who do not complete certification requirements must complete regular requirements (foreign language and a minor) in order to receive a B.A. Students preparing for teacher certification should note that the requirements for the English major are as follows:

1. ENGLISH 1211, ENGLISH 1212, ENGLISH 1221, ENGLISH 1222.
2. ENGLISH 2002 Critical Approaches to Literature.
3. Capstone course for major: ENGLISH 4290 Texts and Contexts.
4. Fifteen hours of course work at the 2000 or 3000 level in English and American literature, including two courses in English Literature; and two American Literature courses, including literature for adolescents.
5. Six hours of linguistics.
6. Twelve hours of writing, including a course in the teaching of writing. Six of these hours will also be satisfied by the general education composition requirement for the B.A. degree; three of these hours will also be satisfied by the capstone course.
7. A minimum of fifteen hours must be at the 3000 level or above.

Justification for request

This program should have been deactivated with the adoption of the English & TC BS degree in 2020.

Supporting Documents

Course Reviewer Comments

**jpnfd (12/20/22 10:25 am):** Updated term to Fall 2023

**jpnfd (12/22/22 4:01 pm):** MDHE and other documentation attached to ENGL TC-BS:English and Technical Communications BS

Key: 48

# Program Change Request

Date Submitted: 01/26/23 2:06 pm

## Viewing: **HUMFACT-MI : Human Factors Psychology**

**File: 363.5**

**Last approved: 03/05/21 2:42 pm**

**Last edit: 02/09/23 9:29 am**

Changes proposed by: burnsde

Catalog Pages Using this Program

[Psychology](#)

Start Term
Fall 2023 2021
Program Code
HUMFACT-MI
Department
Psychological Science
Title
Human Factors Psychology

## Program Requirements and Description

## Approval Path

1. 01/26/23 2:31 pm Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/09/23 9:33 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/09/23 10:06 am Cecil Eng Huang Chua (cchua): Approved for Social Sciences DSCC Chair
4. 02/13/23 11:56 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

## History

1. Feb 3, 2021 by Devin Burns

**Human Factors Psychology Minor**

| PSYCH 1101 | General Psychology | 3 |
|---|---|---|
| PSYCH 4710/ENG MGT 4330 | Human Factors | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| And two of the following courses: | | |
| PSYCH 4411 | Sensation and Perception | 3 |
| PSYCH 4720 | Psychology of Social Technology | 3 |
| PSYCH 4700 | Industrial Psychology | 3 |

Justification for request

Reorganizing courses so that more important courses are required and others are optional.

Supporting Documents

Psychological Science Minor Changes.pdf

Course Reviewer Comments

**jpnfd (02/01/23 8:54 am):** Updated term to Fall 2023

**jpnfd (02/09/23 9:29 am):** Approval documentation (memo) from Provost.

Key: 363

## Program Change Request

Date Submitted: 01/26/23 2:08 pm

**Viewing: I/O PSY-MI : Indus/Organization Psych Minor**

**File: 72.7**

**Last approved: 07/01/20 1:38 pm**

**Last edit: 02/09/23 9:29 am**

Changes proposed by: burnsde

Catalog Pages Using this Program

[Psychology](Psychology)

Start Term
Fall 2023 2020
Program Code
I/O PSY-MI
Department
Psychological Science
Title
Indus/Organization Psych Minor

## Program Requirements and Description

**Approval Path**

1. 01/26/23 2:30 pm Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/09/23 9:33 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/09/23 10:06 am Cecil Eng Huang Chua (cchua): Approved for Social Sciences DSCC Chair
4. 02/13/23 11:56 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

**History**

1. May 7, 2014 by Lahne Black (lahne)

**Industrial/Organizational Psychology Minor**

Requirements include:

| | | |
|---|---|---|
| PSYCH 1101 | General Psychology | 3 |
| PSYCH 4700 | Industrial Psychology | 3 |
| PSYCH 4602 | Organizational Psychology | 3 |
| and 2 of the following | | |
| PSYCH 4600 | Social Psychology | 3 |
| ~~PSYCH 4710~~ | ~~Human Factors~~ | ~~3~~ |
| PSYCH 4500 | Personality Theory | 3 |
| PSYCH 4601 | Group Dynamics | 3 |
| PSYCH 4610 | Psychology of Leadership in Organizations | 3 |

Justification for request

Include Leadership as an optional course, remove human factors.

Supporting Documents

Psychological Science Minor Changes.pdf

Course Reviewer Comments

**jpnfd (02/01/23 8:57 am):** Updated term to Fall 2023

**jpnfd (02/09/23 9:29 am):** Approval documentation (memo) from Provost.

Key: 72

# Program Change Request

Date Submitted: 01/11/23 1:31 pm

## Viewing: **PSYCH-BA : Psychology BA**

**File: 192.47**

**Last approved: 02/25/22 10:48 am**

**Last edit: 02/03/23 3:55 pm**

Changes proposed by: burnsde

Catalog Pages Using this Program

[Psychology](#)

Start Term
Fall 2023 2022
Program Code
PSYCH-BA
Department
Psychological Science
Title
Psychology BA

## Program Requirements and Description

## Approval Path

1. 01/11/23 2:36 pm Clair Kueny (reynoldscla): Approved for RPSYCHOL Chair
2. 02/07/23 3:03 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/07/23 5:14 pm Cecil Eng Huang Chua (cchua): Approved for Social Sciences DSCC Chair
4. 02/13/23 11:56 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
5. 03/03/23 8:39 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
6. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

## History

1. Aug 4, 2014 by Nancy Stone

# Bachelor of Arts
# Psychology

A minimum of 120 credit hours is required for a bachelor of arts degree in psychology and an average of at least two grade points per credit hour must be obtained. The psychology B.A. curriculum requires 6 hours of English Composition, 14 hours of math and science, 12 semester hours in humanities, 12 semester hours is required in social sciences, 11-16 hours of foreign language and a minimum of 35 hours are required in psychology. Up to 12 credit hours of advanced ROTC may be credited toward the degree. Specific requirements for the bachelor of arts degree are outlined in the sample program listed below.

1. ENGLISH 1120 and one additional three hour composition course (6 hours).
2. Western civilization (HISTORY 1100 and HISTORY 1200 ) (6 hours).
3. Foreign languages for at least 3 semesters of basic study in French, German, Russian, Spanish or an approved substitute; or one year of basic study in a foreign language in either French, German, Russian, Spanish, or an approved substitute, and a humanities or social sciences course taught in a foreign country and employing the language of that country; or one year of basic study in each of two of the foreign languages of French, German, Russian or Spanish or an approved substitute (11-16 hours).
4. Sciences. At least one course taken in biological (biological sciences) and physical (chemistry, geology and geophysics, physics) sciences. A laboratory course is required (and a lab offered in engineering also may count at the discretion of the student's major advisor) toward the total requirement.  Stat 1115 is required, and an additional elective in Science or Math (14 hours).
5. Humanities and fine arts. Courses used to satisfy this requirement must include one course in each of the three areas of literature (English or American), philosophy, and fine arts (art, music or theater), but not to include studio and performance offerings (12 hours).
6. Social Sciences. At least two of the following social science areas are to be included: economics, political science, or history (6 hours).
7. 

| Psychology Courses (35 hours) | | |
| --- | --- | --- |
| Required:* | | |
| General Skills Courses: | | |
| PSYCH 1100 | Introduction to Psychology | 1 |
| PSYCH 1101 | General Psychology | 3 |
| PSYCH 2200 | Research Methods | 4 |
| Content Courses: | | |

| | | |
|---|---|---|
| PSYCH 3310 | Developmental Psychology | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 4600 | Social Psychology | 3 |
| And one of the following 2 courses: | | |
| PSYCH 4410 | Neuroscience | 3 |
| PSYCH 4411 | Sensation and Perception | 3 |
| Capstone Course: | | |
| Select three credit hours from the Capstone courses: | | |
| PSYCH 4010 | Seminar | 0-6 |
| PSYCH 4099 | Undergraduate Research | 0-6 |
| PSYCH 4200 | Tests and Measurements | 3 |
| PSYCH 4590 | Health Psychology | 3 |
| PSYCH 4994 | Psychology in Media | 3 |
| PSYCH 4992 | Cross-Cultural Psychology | 3 |
| PSYCH 4993 | Psychology of Gender | 3 |
| PSYCH 4990 | Internship | 0-6 |
| *These required courses total 26 hours. | | |
| Elective Courses: | | |
| Select an additional 9 hours of psychology electives to complete the 35 hour degree requirement. | | |

8. Major-field requirements: A cumulative grade point average of 2.0 must be earned in all course work taken in the major field. Upper-class (3000-4000-level) courses completed with grades of "D" may not be included in the course work for the major field without the approval of the chair of the department. At least nine hours of upper-class work in the major field must be completed in residence at Missouri S&T.
9. Minor: A minor will be selected from any discipline other than the major with the approval of the student's advisor. A total of at least 15 hours is required for the minor, but may include courses which also satisfy other requirements. At least nine hours must be beyond the introductory level. A cumulative grade point average of 2.0 must be earned in all course work required in the minor field. At least six hours of work in the minor field must be completed in residence at Missouri S&T.
10. Basic ROTC may be elected in the freshman and sophomore years, but is not creditable toward a degree. Up to 12 credit hours of advanced ROTC may be credited toward a degree.
11. Elective Credits: In consultation with his/her advisor, each student will elect sufficient additional courses to complete a minimum of 120 credit hours.

## Emphasis Areas

Note: The following areas identify courses from which a student may opt to develop an emphasis area. It is not required that students obtain an emphasis specialty within psychology. At least one class for each emphasis area is already required for all majors, so the remaining three may be taken as the additional 9 hours of required psychology electives. In this way, getting an emphasis requires no additional courses, just less flexibility in which courses you take.

| | | |
|---|---|---|
| Industrial/Organizational Psychology | | |
| PSYCH 4600 | Social Psychology | 3 |
| PSYCH 4700 | Industrial Psychology | 3 |
| PSYCH 4602 | Organizational Psychology | 3 |
| And 1 of the following 3: | | |
| PSYCH 4601 | Group Dynamics | 3 |
| PSYCH 4610 | Psychology of Leadership in Organizations | 3 |
| PSYCH 4500 | Personality Theory | 3 |
| PSYCH 4200 | Tests and Measurements | 3 |
| Health Psychology | | |
| PSYCH 4501 | Abnormal Psychology | 3 |

| And 3 of the following 4: | | |
|---|---|---|
| PSYCH 4510 | Clinical Psychology | 3 |
| PSYCH 4990 | Internship | 0-6 |
| PSYCH 4590 | Health Psychology | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |
| Cognition and Neuroscience | | |
| PSYCH 4400 | Cognitive Psychology | 3 |
| And 3 of the following 4: | | |
| PSYCH 4411 | Sensation and Perception | 3 |
| PSYCH 3400 | Theories Of Learning | 3 |
| PSYCH 4410 | Neuroscience | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |
| Human Factors | | |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4710 | Human Factors | 3 |
| PSYCH 4720 | Psychology of Social Technology | 3 |
| And 1 of the following 3: | | |
| PSYCH 4411 | Sensation and Perception | 3 |
| PSYCH 4700 | Industrial Psychology | 3 |
| PSYCH 4602 | Organizational Psychology | 3 |
| Diversity and Inclusion | | |
| PSYCH 4600 | Social Psychology | 3 |
| And 3 of the following 4: | | |
| PSYCH 4993 | Psychology of Gender | 3 |
| PSYCH 4500 | Personality Theory | 3 |
| PSYCH 4992 | Cross-Cultural Psychology | 3 |
| PSYCH 4310 | Psychology Of The Exceptional Child | 3 |

# Bachelor of Arts Psychology
# (Secondary Education Emphasis Area)

You may earn a B.A. degree in psychology from Missouri S&T and certification to teach at the secondary level in the schools of Missouri with the secondary education emphasis area program.

In addition to maintaining a 3.0 content and professional requirement GPA, students must pass the appropriate content assessment to be eligible for student teaching.  Missouri S&T allows students to choose their student teaching placement, if the district agrees and a qualified cooperating teacher is available.  This program is approved by the Missouri Department of Elementary and Secondary Education for initial teacher certification.  Students intending to teach in other states are responsible for investigating the reciprocity agreement of that state agency.

A degree with this emphasis area requires 121 credit hours. The required courses are provided below.

| Communications Skills: 6 semester hours | | |
|---|---|---|
| ENGLISH 1120 | Exposition And Argumentation | 3 |
| ENGLISH 1160 | Writing And Research | 3 |
| Humanities: 12 semester hours | | |
| Art, Music, or Theatre course | | 3 |
| Philosophy course | | 3 |

| | | |
|---|---|---|
| Literature course | | 3 |
| One additional humanities from the above course groups, Foreign Language, or Etymology | | 3 |
| Social Sciences: 21 semester hours | | |
| HISTORY 1300 | American History To 1877 | 3 |
| HISTORY 1310 | American History Since 1877 | 3 |
| POL SCI 1200 | American Government | 3 |
| POL SCI 3211 | American Political Parties | 3 |
| or POL SCI 3300 | Principles Of Public Policy | |
| or POL SCI 3760 | The American Presidency | |
| or POL SCI 3763 | Contemporary Political Thought | |
| PSYCH 1101 | General Psychology | 3 |
| ECON 1100 | Principles Of Microeconomics | 3 |
| or ECON 1200 | Principles Of Macroeconomics | |
| Geography | | 3 |
| Natural Science/Mathematics: 12 semester hours | | |
| One course in Physics, Chemistry or Geology | | 3 |
| Mathematics 1120, 1103, 1140+ | | 3 |
| STAT 1115 | Statistics For The Social Sciences I | 3 |
| BIO SCI 1113 | General Biology | 3 |
| Professional Requirements: 23 semester hours | | |
| EDUC 1040 | Perspectives In Education | 2 |
| EDUC 1174 | School Organization and Administration For Teachers | 2 |
| EDUC 2251 | Historical Foundation Of American Education | 3 |
| EDUC 3216 | Instructional Literacy in the Content Area | 3 |
| EDUC 3280 | Instructional Strategies in the Content Area | 3 |
| EDUC 4298 | Student Teaching Seminar | 1 |
| PSYCH 2300 | Educational Psychology | 3 |
| PSYCH 3311 | Psychological & Educational Development Of The Adolescent | 3 |
| PSYCH 4310 | Psychology Of The Exceptional Child | 3 |
| Clinical Experience: 15 semester hours | | |
| EDUC 1104 | Teacher Field Experience I | 1 |
| EDUC 1164 | Teacher Field Experience II | 2 |
| EDUC 4299 | Student Teaching | 12 |
| Psychology Degree Requirements: 17 semester hours | | |
| PSYCH 1100 | Introduction to Psychology | 1 |
| PSYCH 2200 | Research Methods | 4 |
| PSYCH 3310 | Developmental Psychology | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 4600 | Social Psychology | 3 |
| Certification: 15 semester hours | | |
| 6 hours of American History from the following: | | |
| HISTORY 3320 | Colonial America | |

| | |
|---|---|
| [HISTORY 3325](#) | Revolutionary America, 1754-1789 |
| [HISTORY 3340](#) | Age Of Jefferson And Jackson |
| [HISTORY 3345](#) | Civil War And Reconstruction |
| [HISTORY 3360](#) | Recent United States History |
| [HISTORY 3425](#) | History Of The Old South |
| [HISTORY 3426](#) | History Of The Modern South |
| [HISTORY 3480](#) | History Of Baseball |
| [HISTORY 3440](#) | Grunts: 20th Century Americans In Combat |
| [HISTORY 3442](#) | The United States in Vietnam |
| [HISTORY 3761](#) | U.S. Diplomatic History to World War II |
| [HISTORY 4435](#) | History of the American West |
| 9 hours of World History from the following: | |
| [HISTORY 1100](#) | Early Western Civilization |
| [HISTORY 1200](#) | Modern Western Civilization |
| [HISTORY 2220](#) | Making Of Modern Britain |
| [HISTORY 2222](#) | The Making Of Modern France |
| [HISTORY 2224](#) | Making Of Modern Russia |
| [HISTORY 3130](#) | Medieval History I |
| [HISTORY 3135](#) | Medieval History II |
| [HISTORY 3140](#) | History Of Renaissance Thought |
| [HISTORY 3230](#) | Europe In The Age Of The French Revolution And Napoleon |
| [HISTORY 3235](#) | Foundations Of Contemporary Europe 1815-1914 |
| [HISTORY 3240](#) | Contemporary Europe |
| [HISTORY 3660](#) | Modern East Asia |

Justification for request

Removing courses that we no longer offer from our capstone and emphasis options.

Supporting Documents

Course Reviewer Comments

**jpnfd (02/01/23 11:10 am):** Updated term to Fall 2023.

**jpnfd (02/03/23 3:55 pm):** Psych 4994 is being deactivated, department wants to keep Psych 4200 on the books. Per email 2/2/23.

Key: 192

# Program Change Request

Date Submitted: 01/11/23 1:33 pm

## Viewing: **PSYCH-BS : Psychology BS**

**File: 193.47**

**Last approved: 02/25/22 10:48 am**

**Last edit: 03/02/23 10:07 am**

Changes proposed by: burnsde

Catalog Pages Using this Program

[Psychology](Psychology)

Start Term
Fall 2023 ~~2022~~
Program Code
PSYCH-BS
Department
Psychological Science
Title
Psychology BS

## Program Requirements and Description

# Bachelor of Science
## Psychology

A minimum of 120 credit hours is required for a bachelor of science degree in psychology and a cumulative grade point average of 2.0 must be obtained. These requirements for the B.S. degree are in addition to credit received for basic ROTC.

The psychology bachelor of science curriculum requires six hours of English composition; twenty 20 hours of math, science and computer science; twelve semester hours in the humanities; and twelve semester hours in the social sciences. Specific requirements for the bachelor degree are outlined in the sample program listed below.

1. ENGLISH 1120 and ENGLISH 1160 (entering students will normally take ENGLISH 1120 either semester of the first year.) (6 hours)
2. A total of 20 hours in biological, physical, (chemistry, geology and geophysics, and physics), and mathematical (mathematics/statistics and computer science or information science & technology) sciences, to include at least one course taken in the biological and one in the physical sciences. Of the biological and physical science offerings, at least one must be a laboratory course. Stat 1115 is required. Engineering courses may, at the discretion of the student's major advisor, also count toward this total requirement. (20 hours)
3. 12 hours in humanities and fine arts (literature, philosophy, art, music, or theater). Foreign language courses may count toward fulfilling this requirement. Courses used to satisfy this requirement must be taken in at least two humanities areas. (12 hours)
4. 12 hours in at least two social sciences fields outside the major area (economics or history or political science). A course in Modern Western Civilization (HISTORY 1200), American History To 1877 (HISTORY 1300) or American History Since 1877 (HISTORY 1310), or American Government (POL SCI 1200) must be taken to satisfy the requirement of the state of Missouri (the "Williams Law"), and this course may count toward fulfilling the social sciences requirement. (12 hours)
5. Minor: A minor will be selected from any discipline other than the major with the approval of the student's advisor. A total of at least 15 hours is required for the minor, but may include courses which also satisfy other requirements. At least nine hours must be beyond the introductory level.
6. Basic ROTC may be elected in the freshman and sophomore years, but is not creditable toward a degree. Six credit hours of advanced ROTC may be credited toward a degree.
7. Elective Credits: In consultation with his/her advisor, each student will elect sufficient additional courses to complete a minimum of 120 credit hours which may include MATH 1160 and one of MATH 1120 or MATH 1140 .

8.

| Psychology Courses (35 hours) | | |
|---|---|---|
| Required:* | | |
| General Skills Courses: | | |
| PSYCH 1100 | Introduction to Psychology | 1 |
| PSYCH 1101 | General Psychology | 3 |
| PSYCH 2200 | Research Methods | 4 |
| Content Courses: | | |
| PSYCH 3310 | Developmental Psychology | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 4600 | Social Psychology | 3 |
| And one of the following 2 courses: | | |
| PSYCH 4410 | Neuroscience | 3 |
| PSYCH 4411 | Sensation and Perception | 3 |
| Capstone Course: | | |
| Select three credit hours from the following Capstone courses: | | |
| PSYCH 4010 | Seminar | 0-6 |
| PSYCH 4099 | Undergraduate Research | 0-6 |
| ~~PSYCH 4200~~ | ~~Tests and Measurements~~ | ~~3~~ |
| PSYCH 4590 | Health Psychology | 3 |
| ~~PSYCH 4994~~ | ~~Psychology in Media~~ | ~~3~~ |
| PSYCH 4992 | Cross-Cultural Psychology | 3 |
| PSYCH 4993 | Psychology of Gender | 3 |
| PSYCH 4990 | Internship | 0-6 |
| *These required courses total 26 hours. | | |
| Elective Courses: | | |
| Select an additional 9 hours of psychology electives to complete the 35 hour degree requirement. | | |

9. A cumulative grade point average of 2.0 must be earned in all course work taken in the major field. Upper class (3000-level and above) courses completed with grades of "D" may not be included in the course work for the major field without the approval of the advisor and the chair of the department concerned.

## Emphasis Areas

Note: The following areas identify courses from which a student may opt to develop an emphasis area. It is not required that students obtain an emphasis specialty within psychology. At least one class for each emphasis area is already required for all majors, so the remaining three may be taken as the additional 9 hours of required psychology electives. In this way, getting an emphasis requires no additional courses, just less flexibility in which courses you take.

| Industrial/Organizational Psychology | | |
|---|---|---|
| PSYCH 4600 | Social Psychology | 3 |
| PSYCH 4700 | Industrial Psychology | 3 |
| PSYCH 4602 | Organizational Psychology | 3 |
| And 1 of the following 3: | | |
| PSYCH 4601 | Group Dynamics | 3 |
| PSYCH 4500 | Personality Theory | 3 |
| PSYCH 4610 | Psychology of Leadership in Organizations | 3 |
| ~~PSYCH 4200~~ | ~~Tests and Measurements~~ | ~~3~~ |

| | | |
|---|---|---|
| Health Psychology | | |
| PSYCH 4501 | Abnormal Psychology | 3 |
| And 3 of the following 4: | | |
| PSYCH 4510 | Clinical Psychology | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |
| PSYCH 4590 | Health Psychology | 3 |
| PSYCH 4990 | Internship | 0-6 |
| Cognition and Neuroscience | | |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4410 | Neuroscience | 3 |
| PSYCH 4411 | Sensation and Perception | 3 |
| And 1 of the following 2: | | |
| PSYCH 3400 | Theories Of Learning | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |
| Human Factors | | |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4710 | Human Factors | 3 |
| PSYCH 4720 | Psychology of Social Technology | 3 |
| And 1 of the following 3: | | |
| PSYCH 4700 | Industrial Psychology | 3 |
| PSYCH 4602 | Organizational Psychology | 3 |
| PSYCH 4411 | Sensation and Perception | 3 |
| Diversity and Inclusion | | |
| PSYCH 4600 | Social Psychology | 3 |
| And 3 of the following 4: | | |
| PSYCH 4993 | Psychology of Gender | 3 |
| PSYCH 4992 | Cross-Cultural Psychology | 3 |
| PSYCH 4310 | Psychology Of The Exceptional Child | 3 |
| PSYCH 4500 | Personality Theory | 3 |

# Bachelor of Science Psychology (Secondary Education Emphasis Area)

You may earn a B.S. degree in psychology from Missouri S&T and certification to teach at the secondary level in the schools of Missouri with the secondary education emphasis area program.

In addition to maintaining a 3.0 content and professional requirement GPA, students must pass the appropriate content assessment to be eligible for student teaching.  Missouri S&T allows students to choose their student teaching placement, if the district agrees and a qualified cooperating teacher is available.  This program is approved by the Missouri Department of Elementary and Secondary Education for initial teacher certification.  Students intending to teach in other states are responsible for investigating the reciprocity agreement of that state agency.

A degree with this emphasis area requires 121 credit hours. The required courses are provided below.

| | | |
|---|---|---|
| Communications Skills: 3 semester hours | | |
| ENGLISH 1120 | Exposition And Argumentation | 3 |
| Humanities: 12 semester hours | | |
| Art, Music, or Theatre course | | 3 |

| | | |
|---|---|---|
| Philosophy course | | 3 |
| Literature course | | 3 |
| One additional humanities from the above course groups, Foreign Language, or Etymology | | 3-4 |
| Social Sciences: 21 semester hours | | |
| HISTORY 1300 | American History To 1877 | 3 |
| HISTORY 1310 | American History Since 1877 | 3 |
| POL SCI 1200 | American Government | 3 |
| POL SCI 3211 | American Political Parties | 3 |
| or POL SCI 3300 | Principles Of Public Policy | |
| or POL SCI 3760 | The American Presidency | |
| or POL SCI 3763 | Contemporary Political Thought | |
| PSYCH 1101 | General Psychology | 3 |
| ECON 1100 | Principles Of Microeconomics | 3 |
| or ECON 1200 | Principles Of Macroeconomics | |
| HISTORY 2110 | World Regional Geography | 3 |
| Natural Sciences/Mathematics: 15 semester hours | | |
| One course in Physics, Chemistry or Geology | | 3 |
| Mathematics 1120, 1130, 1140+ | | 3 |
| BIO SCI 1113 | General Biology | 3 |
| STAT 1115 | Statistics For The Social Sciences I | 3 |
| 3 additional hours of Math &/or Science courses | | 3 |
| Professional Requirements: 23 semester hours | | |
| EDUC 1040 | Perspectives In Education | 2 |
| EDUC 1174 | School Organization and Administration For Teachers | 2 |
| EDUC 2251 | Historical Foundation Of American Education | 3 |
| EDUC 3216 | Instructional Literacy in the Content Area | 3 |
| EDUC 3280 | Instructional Strategies in the Content Area | 3 |
| EDUC 4298 | Student Teaching Seminar | 1 |
| PSYCH 2300 | Educational Psychology | 3 |
| PSYCH 3311 | Psychological & Educational Development Of The Adolescent | 3 |
| PSYCH 4310 | Psychology Of The Exceptional Child | 3 |
| Clinical Experience: 15 semester hours | | |
| EDUC 1104 | Teacher Field Experience I | 1 |
| EDUC 1164 | Teacher Field Experience II | 2 |
| EDUC 4299 | Student Teaching | 12 |
| Psychology Degree Requirements: 17 semester hours | | |
| PSYCH 1100 | Introduction to Psychology | 1 |
| PSYCH 2200 | Research Methods | 4 |
| PSYCH 3310 | Developmental Psychology | 3 |
| PSYCH 4400 | Cognitive Psychology | 3 |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 4600 | Social Psychology | 3 |
| Certification: 15 semester hours | | |

6 hours of American History from the following:

| | |
|---|---|
| HISTORY 3320 | Colonial America |
| HISTORY 3325 | Revolutionary America, 1754-1789 |
| HISTORY 3340 | Age Of Jefferson And Jackson |
| HISTORY 3345 | Civil War And Reconstruction |
| HISTORY 3360 | Recent United States History |
| HISTORY 3425 | History Of The Old South |
| HISTORY 3426 | History Of The Modern South |
| HISTORY 3480 | History Of Baseball |
| HISTORY 3440 | Grunts: 20th Century Americans In Combat |
| HISTORY 3442 | The United States in Vietnam |
| HISTORY 3761 | U.S. Diplomatic History to World War II |
| HISTORY 4435 | History of the American West |

9 hours of World History from the following:

| | |
|---|---|
| HISTORY 1100 | Early Western Civilization |
| HISTORY 1200 | Modern Western Civilization |
| HISTORY 2220 | Making Of Modern Britain |
| HISTORY 2222 | The Making Of Modern France |
| HISTORY 2224 | Making Of Modern Russia |
| HISTORY 3130 | Medieval History I |
| HISTORY 3135 | Medieval History II |
| HISTORY 3140 | History Of Renaissance Thought |
| HISTORY 3230 | Europe In The Age Of The French Revolution And Napoleon |
| HISTORY 3235 | Foundations Of Contemporary Europe 1815-1914 |
| HISTORY 3240 | Contemporary Europe |
| HISTORY 3660 | Modern East Asia |

Justification for request

Removing courses that are no longer offered from our list of capstone and emphasis options.

Supporting Documents

Course Reviewer Comments

**jpnfd (02/01/23 11:11 am):** Updated term to Fall 2023.

**jpnfd (02/03/23 3:55 pm):** Psych 4994 is being deactivated, department wants to keep Psych 4200 on the books. Per email 2/2/23.

**jpnfd (03/02/23 10:07 am):** Updated from 20 to "Twenty" hours of math.

Key: 193

# Program Change Request

Date Submitted: 01/26/23 2:15 pm

## Viewing: PSYHLTH-MI : Psychology for Health Care - Minor

**File: 243.10**

**Last approved: 03/27/17 2:47 pm**

**Last edit: 03/02/23 3:54 pm**

Changes proposed by: burnsde

Catalog Pages Using this Program
[Psychology](#)

Start Term
Fall 2023 ~~08/14/2017~~
Program Code
PSYHLTH-MI
Department
Psychological Science
Title
Psychology for Health Care - Minor

**Program Requirements and Description**

Minor requires a minimum of 15 hours.

| Required Courses: | | |
|---|---|---|
| PSYCH 1101 | General Psychology | 3 |
| ~~PSYCH 4600~~ | ~~Social Psychology~~ | ~~3~~ |
| PSYCH 4590 | Health Psychology | 3 |
| Choose 3 of the Following Courses: | | |
| ~~PSYCH 4411~~ | ~~Sensation and Perception~~ | ~~3~~ |
| PSYCH 4410 | Neuroscience | 3 |
| ~~PSYCH 4400~~ | ~~Cognitive Psychology~~ | ~~3~~ |
| PSYCH 4501 | Abnormal Psychology | 3 |
| PSYCH 3501 | Drugs and Behavior | 3 |
| PSYCH 4510 | Clinical Psychology | 3 |
| PSYCH 4990 | Internship | 0-6 |

Justification for request

Changing the optional courses to better match the minor.

Supporting Documents

Psychological Science Minor Changes.pdf

Course Reviewer Comments

**murray (04/01/20 10:59 am):** Rollback: because you asked me to

**jpnfd (02/01/23 11:15 am):** Updated term to Fall 2023.

**jpnfd (02/09/23 9:30 am):** Approval documentation (memo) from Provost.

**jpnfd (03/02/23 3:54 pm):** Updated to add 15 hrs required

Key: 243

# Program Change Request

A deleted record cannot be edited

## Program Deactivation Proposal

Date Submitted: 12/12/22 1:13 pm

## Viewing: TCH COM-BS : Technical Communication BS

**File: 132.9**

**Last approved: 09/19/17 10:38 am**

**Last edit: 12/22/22 4:01 pm**

Changes proposed by: kswenson

Start Term
Fall 2023 2018
Program Code
TCH COM-BS
Department
English and Technical Communication
Title
Technical Communication BS

**Program Requirements and Description**

## Approval Path

1. 12/12/22 1:30 pm Kristine Swenson (kswenson): Approved for RENGLISH Chair
2. 02/02/23 11:47 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/13/23 11:56 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
4. 03/03/23 8:39 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda
5. 03/03/23 9:31 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

## History

1. Apr 23, 2014 by Kristine Swenson (kswenson)
2. Aug 4, 2014 by Kristine Swenson (kswenson)
3. Jul 21, 2015 by pantaleoa

# Bachelor of Science
# Technical Communication

The technical communication degree requires 33 credit hours of core courses: ENGLISH 2410 , TCH COM 2540 (or ENGLISH 2540), TCH COM 2560 (or ENGLISH 2560),  TCH COM 5620, TCH COM 3440, TCH COM 4410, and five additional courses from the following list: ENGLISH 3560, ENGLISH 3302, TCH COM 3001, TCH COM 3010, TCH COM 5510, TCH COM 4550, TCH COM 5610, TCH COM 4085, TCH COM 5530, TCH COM 5560, TCH COM 4520, TCH COM 4450. It also requires 42 hours of general education courses, 36 hours of interdisciplinary courses (see note below), and 15 hours of free electives, for a total of 126 hours. Specific requirements for the bachelor's degree are outlined in the sample program listed below.

| Freshman Year | | | |
|---|---|---|---|
| **First Semester** | **Credits** | **Second Semester** | **Credits** |
| ENGLISH 1120 | 3 | TCH COM 1600 | 3 |
| MATH 1140, or 1110, or 1103 | 3 | BIO SCI 1113, or 2223, or BIO SCI 2233, or BIO SCI 2263 | 3 |
| PSYCH 1101 | 3 | HISTORY 1300, or 1310, or 1100, or 1200 | 3 |
| Interdisciplinary Course[1] | 3 | Interdisciplinary Course[1] | 3 |
| Humanities, Art, Music, Theater | 3 | ECON 1100 | 3 |
| | 15 | | 15 |
| **Sophomore Year** | | | |
| **First Semester** | **Credits** | **Second Semester** | **Credits** |
| SP&M S 1185 | 3 | Humanities, Art, Music, Theater | 3 |
| English Literature | 3 | POL SCI 1200 | 3 |
| TCH COM 2540 | 3 | TCH COM 2560 | 3 |
| ENGLISH 2410 | 3 | TCH COM Elective | 3 |
| Interdisciplinary Course[1] | 3 | Chemistry, Geology, Physics | 3 |
| | | Interdisciplinary Course[1] | 3 |
| | 15 | | 18 |
| **Junior Year** | | | |
| **First Semester** | **Credits** | **Second Semester** | **Credits** |
| Math/Statistics | 3 | TCH COM 5620 | 3 |
| TCH COM 3440 | 3 | TCH COM Elective | 3 |
| Interdisciplinary Course[1] | 3 | TCH COM Elective | 3 |
| Interdisciplinary Course[1] | 3 | Interdisciplinary Course[1] | 3 |
| Interdisciplinary Course[1] | 3 | Interdisciplinary Course[1] | 3 |
| | | Free Elective | 3 |
| | 15 | | 18 |
| **Senior Year** | | | |
| **First Semester** | **Credits** | **Second Semester** | **Credits** |
| TCH COM Elective | 3 | TCH COM 4410 | 3 |
| Interdisciplinary Course[1] | 3 | TCH COM Elective | 3 |
| Interdisciplinary Course[1] | 3 | Interdisciplinary Course[1] | 3 |

| | | | |
|---|---|---|---|
| Free Elective | 3 | Free Elective | 3 |
| Free Elective | 3 | Free Elective | 3 |
| | 15 | | 15 |

Total Credits: 126

1

In consultation with his or her advisor, the student will select 36 hours of interdisciplinary courses from only two of the areas listed below, with no fewer than 15 credit hours per area: biological sciences, business, chemistry, computer science, economics, education, engineering management, English, finance, one foreign language, geology, history, information science and technology, management and information systems, mathematics, philosophy, physics, political science, psychology, speech and media studies, statistics, any area of engineering.

At least 12 of the 36 hours must come from courses numbered 2000-level or above. The student's course selections must be approved by the department of English and technical communication's technical communication committee.

Justification for request

This program should have been deactivated with the adoption of the English & Tech Com BS degree in 2020.

Supporting Documents

Course Reviewer Comments

**jpnfd (12/20/22 10:28 am):** Updated term to Fall 2023

**jpnfd (12/22/22 4:01 pm):** MDHE and other documentation attached to ENGL TC-BS:English and Technical Communications BS

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 12/15/22 6:48 pm

Viewing: **BIO SCI 5001.008 : General Virology Lab**

File: 4923

Last edit: 12/22/22 10:19 am

Changes proposed by: niyogid

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | Biological Sciences |
| Discipline | Biological Sciences (BIO SCI) |
| Course Number | 5001 |
| Topic ID | 008 |
| Experimental Title | |
| | General Virology Lab |
| Experimental Abbreviated Course Title | General Virology Lab |
| Instructors | Westenberg |

Experimental Catalog Description

Lab course that provides a general introduction to the techniques used for the isolation and characterization of viruses with a focus on bacterial viruses.

Prerequisites

Preceded or accompanied by Bio Sci 5493.

Field Trip Statement

| Credit Hours | LEC: 0 | LAB: 1 | IND: 0 | RSD: 0 |
|---|---|---|---|---|

Total: 1

Justification for
new course:

  We are offering this exciting lab course to accompany our General Virology class
  (BioSci 5493). A previous EC form was approved for this lab course as a 4001 class.
  We are changing it now to a 5001 class to match the lecture class (that changed from
  4493 to 5493 to benefit graduate student enrollment).

Semester(s)
previously taught

  Fall 2020 (10 students enrolled) when class was offered as BioSci 4001

Co-Listed
Courses:

Course Reviewer
Comments

**jpnfd (12/20/22 3:42 pm):** Update Title from VIrology to Virology. Added
punctuation to prerequisite.

**jpnfd (12/22/22 10:19 am):** Emails received, Dec. 14-15, 2022 from department that
further explain the justification. Virology lecture was changed from 4493 to 5493 so
the lab should be changed to 5001.

(jpnfd): Approved
for Pending CCC
Agenda post

5. 03/03/23 8:37 am
   Jennifer
   Pohlsander
   (jpnfd): Approved
   for CCC Meeting
   Agenda

6. 03/03/23 9:30 am
   Petra Dewitt
   (dewittp):
   Approved for
   Campus Curricula
   Committee Chair

Key: 4923

Preview Bridge

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 01/30/23 9:07 am

Viewing: **ENGLISH 1001.001 : Written English Communication Skills for International Students**

File: 4932

Last edit: 02/02/23 10:23 am

Changes proposed by: jpnfd

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | English and Technical Communication |
| Discipline | English (ENGLISH) |
| Course Number | 1001 |
| Topic ID | 001 |
| Experimental Title | Written English Communication Skills for International Students |
| Experimental Abbreviated Course Title | Written English Comm |
| Instructors | Thu Tran |

Experimental Catalog Description

This course helps students whose primary language is not English to enhance their reading and writing skills in English. Students will learn to identify the topics and main ideas of texts. Students learn to produce a research paper.

Prerequisites

Prerequisites: S&T international undergraduate students who meet:
Missouri S&T's admission requirements including English language proficiency
One of the following English language proficiency requirements:

## Approval Path

1. 01/30/23 9:46 am Kristine Swenson (kswenson): Approved for RENGLISH Chair
2. 02/02/23 10:25 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/02/23 11:53 am Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair
4. 02/13/23 11:55 am

TOEFL iBT: 79 or above

IELTS: 6.5 or above

PTE: 53 or above

Duolingo: 105 or above.

Field Trip
Statement

| Credit Hours Total: 3 | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|

Justification for
new course:

This course is designed to strengthen the academic readiness in written English
communication for students whose English proficiency is sufficient for matriculation
but who wish to earn academic credit while improving their written English.

Semester(s)
previously taught

n/a

Co-Listed
Courses:

| Course Reviewer Comments | **jpnfd (01/30/23 9:09 am):** jpnfd (12/06/22 10:27 am): These courses are necessary for ESL Pathways and should be an exception as new courses without first going through EC process. jpnfd (01/27/23 11:59 am): Rollback: Per CCC course needs to be resubmitted as experimental courses (EC)<br><br>**jpnfd (02/02/23 10:20 am):** Please note, prerequisites are not added to Joe'SS for an EC. |
|---|---|

Jennifer
Pohlsander
(jpnfd): Approved
for Pending CCC
Agenda post

5. 03/03/23 8:37 am
Jennifer
Pohlsander
(jpnfd): Approved
for CCC Meeting
Agenda

6. 03/03/23 9:30 am
Petra Dewitt
(dewittp):
Approved for
Campus Curricula
Committee Chair

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 01/30/23 9:17 am

Viewing: **ENGLISH 1001.002 : Oral English Communication for International Students**

File: 4933

Last edit: 02/02/23 10:26 am

Changes proposed by: jpnfd

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | English and Technical Communication |
| Discipline | English (ENGLISH) |
| Course Number | 1001 |
| Topic ID | 002 |
| Experimental Title | |
| | Oral English Communication for International Students |
| Experimental Abbreviated Course Title | Oral English Comm |
| Instructors | Thu Tran |

Experimental Catalog Description

This course helps students whose primary language is not English to improve their oral communication in English. Students develop a wide range of listening and note-taking strategies, and learn to speak more clearly, fluently, and accurately while enlarging vocabulary, perfecting pronunciation, and developing critical thinking skills.

Prerequisites

Prerequisites: S&T international undergraduate students who meet:
Missouri S&T's admission requirements including English language proficiency

One of the following English language proficiency requirements:

TOEFL iBT: 79 or above

IELTS: 6.5 or above

PTE: 53 or above

Duolingo: 105 or above.

Field Trip
Statement

| Credit Hours | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|
| Total: 3 | | | | |

Justification for
new course:

This course is designed to strengthen the academic readiness in oral English communication for students whose English proficiency is sufficient for matriculation but who wish to earn academic credit while improving their spoken English.

Semester(s)
previously taught      n/a

Co-Listed
Courses:

| Course Reviewer Comments | **jpnfd (01/30/23 9:18 am):** jpnfd (12/06/22 9:48 am): These courses are necessary for ESL Pathways and should be an exception as new courses without first going through EC process. jpnfd (01/27/23 11:59 am): Rollback: Per CCC course needs to be resubmitted as experimental courses (EC) <br> **jpnfd (02/02/23 10:21 am):** Please note, prerequisites are not added to Joe'SS for an EC. |
|---|---|

Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post

5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

Key: 4933

Preview Bridge

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 01/30/23 9:23 am

Viewing: **ENGLISH 5001.001 : Written English Communication Skills for International Graduate Students**

File: 4934

Last edit: 02/02/23 10:27 am

Changes proposed by: jpnfd

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | English and Technical Communication |
| Discipline | English (ENGLISH) |
| Course Number | 5001 |
| Topic ID | 001 |

Experimental Title

Written English Communication Skills for International Graduate Students

| | |
|---|---|
| Experimental Abbreviated Course Title | Grad Written English Com |
| Instructors | Thu Tran |

Experimental Catalog Description

This course helps graduate students whose primary language is not English to enhance their reading and writing skills in English. Students will learn to identify the topics and main ideas of texts. Students learn to produce a research paper.

Prerequisites

Prerequisites: S&T international graduate students who meet:

Approval Path

1. 01/30/23 9:47 am
   Kristine Swenson (kswenson): Approved for RENGLISH Chair
2. 02/02/23 10:29 am
   Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/02/23 11:53 am
   Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair
4. 02/13/23 11:55 am

Missouri S&T's admission requirements including English language proficiency

One of the following English language proficiency requirements:

TOEFL iBT: 79 or above

IELTS: 6.5 or above

PTE: 53 or above

Duolingo: 105 or above.

Field Trip
Statement

| Credit Hours | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
| --- | --- | --- | --- | --- |
| Total: 3 | | | | |

Justification for new course:

This course is designed to strengthen the academic readiness in written English communication for students whose English proficiency is sufficient for matriculation but who wish to earn academic credit while improving their written English.

Semester(s) previously taught: n/a

Co-Listed Courses:

| Course Reviewer Comments | **jpnfd (01/30/23 9:24 am):** jpnfd (12/06/22 10:54 am): This course is necessary for ESL Pathways and should be an exception as a new course without first going through EC process. jpnfd (01/27/23 11:59 am): Rollback: Per CCC course needs to be resubmitted as experimental courses (EC) |
| --- | --- |
| | **jpnfd (02/02/23 10:21 am):** Please note, prerequisites are not added to Joe'SS for an EC. |

Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post

5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

Key: 4934

Preview Bridge

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 01/30/23 9:29 am

Viewing: **ENGLISH 5001.002 : Oral English Communication for International Graduate Students**

File: 4935

Last edit: 02/02/23 10:24 am

Changes proposed by: jpnfd

| | |
|---|---|
| Requested Effective Change Date | Fall 2023 |
| Department | English and Technical Communication |
| Discipline | English (ENGLISH) |
| Course Number | 5001 |
| Topic ID | 002 |
| Experimental Title | |

Oral English Communication for International Graduate Students

| | |
|---|---|
| Experimental Abbreviated Course Title | Grad Oral English Comm |
| Instructors | Thu Tran |

Experimental Catalog Description

This course helps graduate students whose primary language is not English to improve their oral communication in English. Students develop a wide range of listening and note-taking strategies, and learn to speak more clearly, fluently, and accurately while enlarging vocabulary, perfecting pronunciation, and developing critical thinking skills.

Prerequisites

Prerequisites: S&T international graduate students who meet:

Missouri S&T's admission requirements including English language proficiency

One of the following English language proficiency requirements:

TOEFL iBT: 79 or above

IELTS: 6.5 or above

PTE: 53 or above

Duolingo: 105 or above.

Field Trip
Statement

| Credit Hours | LEC: 3 | LAB: 0 | IND: 0 | RSD: 0 |
|---|---|---|---|---|
| Total: 3 | | | | |

Justification for
new course:

This course is designed to strengthen the academic readiness in oral English communication for students whose English proficiency is sufficient for matriculation but who wish to earn academic credit while improving their spoken English.

Semester(s)        n/a
previously taught

Co-Listed
Courses:

| Course Reviewer Comments | **jpnfd (01/30/23 9:30 am):** jpnfd (12/06/22 10:33 am): This course is necessary for ESL Pathways and should be an exception as a new course without first going through EC process. jpnfd (01/27/23 11:59 am): Rollback: Per CCC course needs to be resubmitted as experimental courses (EC)<br>**jpnfd (02/02/23 10:21 am):** Please note, prerequisites are not added to Joe'SS for an EC. |
|---|---|

Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post

5. 03/03/23 8:37 am Jennifer Pohlsander (jpnfd): Approved for CCC Meeting Agenda

6. 03/03/23 9:30 am Petra Dewitt (dewittp): Approved for Campus Curricula Committee Chair

Key: 4935

Preview Bridge

# Course Change Request

## New Experimental Course Proposal

Date Submitted: 01/10/23 10:49 am

Viewing: **BIO SCI 5001.009 : Environmental Conservation**

File: 4930

Last edit: 03/07/23 2:18 pm

Changes proposed by: verbler

| | |
|---|---|
| Requested Effective Change Date | Summer 2023 |
| Department | Biological Sciences |
| Discipline | Biological Sciences (BIO SCI) |
| Course Number | 5001 |
| Topic ID | 009 |
| Experimental Title | |
| Environmental Conservation | |
| Experimental Abbreviated Course Title | Env Cons |
| Instructors | Dr. Robin Verble |

Experimental Catalog Description

  Students will have the opportunity learn about environmental issues, traditional knowledge, sustainability, and conservation from local, regional, national, international, and indigenous perspectives. Includes travel to Andean highlands, Amazonian rainforests, cloud forest, and South American indigenous communities.

Prerequisites

  Instructor approval.

## Approval Path

1. 01/10/23 10:58 am David Duvernell (duvernelld): Approved for RBIOLSCI Chair
2. 02/02/23 10:41 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 02/13/23 11:55 am Jennifer Pohlsander (jpnfd): Approved for Pending CCC Agenda post
4. 03/03/23 8:37 am Jennifer

Field Trip
Statement
   This course will take place over three weeks and be based in Ecuador.

Credit Hours          LEC: 3          LAB: 0          IND: 0          RSD: 0
   Total: 3

Justification for
new course:

   As the Environmental Science program grows, new courses will support the
   program's development. This course adds a field and international component to the
   program and helps enrich student development and broaden horizons through
   exposure and immersion in tropical environmental issues and sustainability.

Semester(s)          None
previously taught

Co-Listed
Courses:

| Course Reviewer Comments | **jpnfd (01/31/23 4:14 pm):** Added punctuation to prerequisite.<br>**jpnfd (03/07/23 2:18 pm):** Updated to Bio Sci 5001 as Env Sci 5001 does not currently exist |
|---|---|

Pohlsander
(jpnfd): Approved
for CCC Meeting
Agenda

5. 03/03/23 9:31 am
   Petra Dewitt
   (dewittp):
   Approved for
   Campus Curricula
   Committee Chair