

BA IN PHILOSOPHY (LOGIC AND PHILOSOPHY OF SCIENCE)



SACRAMENTO STATE
Redefine the Possible

In Workflow

1. PHIL Committee Chair (mccormic@csus.edu)
2. PHIL Chair (rdisilv@csus.edu)
3. ALS College Committee Chair (rfisher@csus.edu)
4. ALS Dean (mwilson@csus.edu)
5. Academic Services (torsetj@csus.edu;%20cnewsome@skymail.csus.edu)
6. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
7. Dean of Undergraduate (james.german@csus.edu;%20celena.showers@csus.edu)
8. Dean of Graduate (cnewsome@skymail.csus.edu)
9. Catalog Editor (torsetj@csus.edu)
10. Registrar's Office (w lindsey@csus.edu)

Approval Path

1. Thu, 02 Jul 2020 00:31:23 GMT
Matt McCormick (mccormic): Approved for PHIL Committee Chair
2. Thu, 02 Jul 2020 22:08:53 GMT
Russell DiSilvestro (rdisilv): Approved for PHIL Chair
3. Wed, 16 Sep 2020 19:14:16 GMT
Robin Fisher (rfisher): Rollback to PHIL Chair for ALS College Committee Chair
4. Fri, 09 Oct 2020 06:07:51 GMT
Russell DiSilvestro (rdisilv): Approved for PHIL Chair
5. Sun, 11 Oct 2020 19:19:05 GMT
Robin Fisher (rfisher): Approved for ALS College Committee Chair
6. Mon, 12 Oct 2020 17:58:04 GMT
Melinda Wilson Ramey (mwilson): Approved for ALS Dean

History

1. May 1, 2018 by clmig-jwehrheim
2. Sep 19, 2018 by 212408496
3. Sep 19, 2018 by 212408496
4. Sep 19, 2018 by 212408496
5. Apr 28, 2020 by Celena Showers (celena.showers)

Date Submitted: Tue, 30 Jun 2020 23:46:34 GMT

Viewing: BA in Philosophy (Logic and Philosophy of Science)

Last approved: Tue, 28 Apr 2020 15:49:02 GMT

Last edit: Fri, 09 Oct 2020 06:07:47 GMT

Changes proposed by: Russell DiSilvestro (102086060)

Academic Group: (College)

Arts & Letters

Academic Organization: (Department)

Philosophy

Catalog Year Effective:

2021-2022 Catalog

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Russell DiSilvestro	rdisilv@csus.edu	916-278-6766

Type of Program Proposal:

Major

Program Change Type:

Non-Substantive

Title of the Program:

BA in Philosophy (Logic and Philosophy of Science)

Designation: (degree terminology)

Bachelor of Arts

Briefly describe the program proposal (new or change) and provide a justification:

This change merely updates the elective list for some newer PHIL classes that we already got approved using a form A, but forgot to add using a form B.

Objectives of the degree program:

To provide a strong foundation in philosophy for majors, stressing clear, rigorous, impartial and systematic thought.

To provide students the opportunity to develop the analytical tools needed to study the philosophical problems that arise in the context of scientific inquiry.

University Learning Goals**Undergraduate Learning Goals:**

Competence in the disciplines

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Do these changes impact the Smart Planner roadmap?

No

Catalog Description:**Units required for Major: 40****Total units required for BA: 120****Program Description**

The concentration in Logic and Philosophy of Science is designed for students who are interested in the general nature of scientific inquiry and/or philosophical problems that arise within specific fields like psychology, biology, and physics. It is a good choice for the science-oriented philosophy major and will help to prepare those who are interested in studying logic and philosophy of science at the graduate level. This concentration also provides an excellent double major opportunity for science students interested in broadening and deepening their grasp of their chosen field.

The concentration gives students an understanding of logical theory and how logic applies to scientific and philosophical reasoning. It will also provide an understanding of issues in the philosophy of science. These include the nature of scientific explanation, the nature of scientific evidence, and the process of confirming and revising scientific theories. Philosophy of science also explores traditional philosophical questions as they arise in the context of scientific inquiry. Some of these are: Do we really know that the theoretical entities of science exist? What is the difference between science and pseudo-science? Do different sciences give us fundamentally different ways of understanding the world? Is science converging on truth or will it always undergo revolutionary changes that reject widely accepted theories of the past? Does scientific inquiry have intrinsic value or are there questions that scientists should not ask?

Note: Philosophy majors must fulfill the GE Writing Intensive 'supervenient requirement' with courses **in the major, only**.

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the 'Program Change Type' field above to ensure that 'Substantive' is selected.

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

Program Requirements

Code	Title	Units
Lower Division Courses (6 Units)		
PHIL 60 or PHIL 61	Deductive Logic I Inductive Logic I	3
One of the following may be counted toward the major requirements:		3
PHIL 2	Ethics ¹	
PHIL 4	Critical Thinking ¹	
PHIL 6	Introduction to Philosophy: Knowledge, World and Self ¹	
PHIL 26	History of Philosophy ¹	
Required Upper Division Courses (13 Units)		
PHIL 127	History of Ancient Philosophy	3
PHIL 128	History of Modern Philosophy	3
PHIL 180	Knowledge and Understanding	3
PHIL 181	Metaphysics	3
PHIL 189	Senior Seminar in Philosophy	1
Additional Required Upper Division Courses (6 Units)		
PHIL 112 or PHIL 152	History Of Ethics ✎ Recent Ethical Theory	3
PHIL 154 or PHIL 176	Philosophy Of Language Twentieth Century Anglo-American Philosophy	3
Logic and Philosophy of Science (15 Units)		
<i>Logic</i>		
Select whichever was not used under Lower Division Courses:		6
PHIL 60	Deductive Logic I	
PHIL 61	Inductive Logic I	
PHIL 160	Deductive Logic II	
<i>Philosophy of Science</i>		
PHIL 125	Philosophy Of Science ¹	3
PHIL 153	Philosophy Of Mind	3
PHIL 192D/HRS 205	Space and Time	3
Further Upper Division Electives (0-3 Units)		
Select 0-3 units ^{2,3}		0 - 3
Total Units		40-43

¹ Course also satisfies General Education (GE)/Graduation Requirement.

² Any courses listed above that are not taken to satisfy the above requirements; other upper division philosophy courses; courses in other departments (with consent of Department Chair or program coordinator).

³ See list below for list of Department approved electives.

Elective List

Code	Title	Units
PHIL 100	Ethics and Personal Values	3
PHIL 101	Ethics and Social Issues ✎ ¹	3
PHIL 102	Professional and Public Service Ethics ¹	3
PHIL 103	Business and Computer Ethics ¹	3
PHIL 104	Bioethics ¹	3
PHIL 105	Science and Human Values ✎ ¹	3
PHIL 112	History Of Ethics ✎ ¹	3
PHIL 115	Philosophy In Literature ✎ ¹	3
PHIL 117	Existentialism ✎ ¹	3
PHIL 122	Political Philosophy ¹	3
PHIL 123	Philosophy and Feminism	3
PHIL 126	The Meanings Of Evolution	3
PHIL 131	Philosophy Of Religion ¹	3
PHIL 136	Philosophy Of Art ¹	3
PHIL 145A	Chinese Philosophy ✎ ¹	3

PHIL 145B	Philosophies Of India ¹	3
PHIL 152	Recent Ethical Theory	3
PHIL 154	Philosophy Of Language	3
PHIL 155	Philosophy Of Law	3
PHIL 176	Twentieth Century Anglo-American Philosophy	3
PHIL 192B	Topics in Bioethics	3
PHIL 192L	Topics in Philosophy Language	3
PHIL 192M	Topics in Philosophy of Mind	3
PHIL 192O	Topics in Contemporary Metaphysics	3
PHIL 192R	Topics in Philosophy of Religion	3
PHIL 195	Philosophy Internship	1 - 3
PHIL 196	Experimental Offerings in Philosophy	3
PHIL 199	Special Problems	1 - 3
PHIL 161	Inductive Logic II	3
PHIL 190	Selected Philosophers	3
PHIL 192D	Space and Time	3
PHIL 192E	Topics in Epistemology	3
PHIL 192F	Topics in Ethics	3
PHIL 192P	Topics in Social and Political Philosophy	3
PHIL 192S	Topics in Philosophy of Science	3
PHIL 192T	Topics in Philosophy of Social Science	3

¹ Course also satisfies General Education (GE)/Graduation Requirement.

General Education Requirements ¹

Code	Title	Units
Area A: Basic Subjects (6-9 Units)		
A1	Oral Communication	3
A2	Written Communication	3
A3	Critical Thinking ²	0 - 3
Area B: Physical Universe and Its Life Forms (13 Units)		
B1	Physical Science	3
B2	Life Forms	3
B3	Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5)	1
B4	Math Concepts	3
B5	Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area & upper division requirements. ³	3
Area C: Arts and Humanities (6-12 Units)		
C1	Arts	3
C2	Humanities ²	0 - 3
C1/C2	Area C Course	3
C1/C2	Area C Course - Take upper-division course to complete Area & upper division requirements. ⁴	0 - 3
Area D: The Individual and Society (9-12 Units)		
Area D Course		3
Area D Course		3
Area D Course		3
Area D Course	- Take upper-division course to complete Area & upper division requirements. ⁴	0 - 3
Area E: Understanding Personal Development (3 Units)		
Area E Course		3
Total Units		37-49

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Department offers students a 'select from the following' option:

- If student chooses to take PHIL 4, they will meet Area A3.
- If student chooses to take PHIL 2, PHIL 6, or PHIL 26, they will meet Area C2.

³ Required in Major; also satisfies GE.

- 4 Department offers students a 'select from the following' option:
- If student chooses to take PHIL 102, PHIL 112, PHIL 115, PHIL 117, PHIL 122, PHIL 131, PHIL 136, PHIL 145A, or PHIL 145B, they will meet upper division Area C.
 - If student chooses to take PHIL 101, PHIL 103, PHIL 104, or PHIL 105, they will meet upper division Area D.

Graduation Requirements ¹

Code	Title	Units
Graduation Requirements (required by CSU) (6-9 Units)		
	American Institutions: U.S. History	3
	American Institutions: U.S. Constitution & CA Government	3
	Writing Intensive (WI) ²	0 - 3
Graduation Requirements (required by Sacramento State) (12 Units)		
	English Composition II	3
	Race and Ethnicity in American Society (RE)	3
	Foreign Language Proficiency Requirement ³	6

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Department offers students a 'select from the following' option:

- If student chooses to take PHIL 101, PHIL 105, PHIL 112, PHIL 115, PHIL 117, PHIL 145A, or PHIL 145B, they will meet the Writing Intensive (WI) graduation requirement.

³ If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). 'C- or better required.' The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here: <https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html>

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

NA. NA.

Provide a fiscal analysis of the proposed changes:

NA.

How will the above changes be accommodated within the department/College existing fiscal resources?

NA.

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

NA.

Reviewer Comments:

Mark Ludwig (mdludwig) (Wed, 16 Sep 2020 19:09:35 GMT): From the A&L curriculum committee: The degree program objectives section needs to be recast as objectives rather than a description of the program.

Robin Fisher (rfisher) (Wed, 16 Sep 2020 19:14:16 GMT): Rollback: Dear Prof. DiSilvestro, thank you for attending today's meeting. Please see the requested edits. Best regards, Robin Fisher.

Key: 51