

PHILOSOPHY, BACHELOR OF ARTS CONCENTRATION IN PHILOSOPHY OF BRAINS, MINDS AND MACHINES

Requirements

The philosophy major with a concentration in the philosophy of brains, minds, and machines requires 30 credit hours of which 21 hours must be upper level (3000-4000) in philosophy .

Code	Title	Credits
Required Core Courses		
PHIL 1210 or PHIL 2010	CRITICAL REASONING SYMBOLIC LOGIC	3
PHIL 2020 or PHIL 3650	INTRODUCTION TO PHILOSOPHY OF MIND PHILOSOPHY OF MIND	3
PHIL 2030	INTRODUCTION TO ETHICS	3
PHIL 4250 or PSYC 4250	LIMITS OF CONSCIOUSNESS LIMITS OF CONSCIOUSNESS	3
PHIL 3000 or PHIL 4000	PHILOSOPHY WRITING SEMINAR ADVANCED PHILOSOPHY WRITING SEMINAR	3
Required Elective Courses		
At least 6 credit hours drawn from upper level (3000- and 4000-) courses on List A, "Approved Courses in Philosophy of Brains, Minds, and Machines" (see below).		6
At least 6 additional credit hours drawn in any combination from EITHER courses on List A, "Approved courses in Philosophy of Brains, Minds, and Machines" OR List B, "Approved Courses in Neuroscience, Psychology, and Computer Science" (see below).		6
At least 3 additional credit hours drawn from any upper level (3000 and 4000) PHIL course.		3
Total Credits		30

The Philosophy of Brains, Minds, and Machines List of Approved Philosophy Courses

Code	Title	Credits
List A: Approved courses in Philosophy of Brains, Minds, and Machines		
PHIL 1030	INTRODUCTION TO PHILOSOPHY: BRAINS, MINDS, AND MACHINES	3
PHIL 1050	INTRODUCTION TO PHILOSOPHY: PHILOSOPHY, TECHNOLOGY, AND SCIENCE FICTION	3
PHIL 1210	CRITICAL REASONING	3
PHIL 2010	SYMBOLIC LOGIC	3
PHIL 2020	INTRODUCTION TO PHILOSOPHY OF MIND	3
PHIL 3130	HISTORY OF MODERN PHILOSOPHY	3
PHIL 3300	EARLY ANALYTIC PHILOSOPHY	3
PHIL 3400	PHILOSOPHY OF NATURAL SCIENCE	3

PHIL 3410	PHILOSOPHY OF SOCIAL SCIENCE	3
PHIL 3500	PROBLEMS IN PHILOSOPHY (Special Topic: Rationality, Judgement, and Decision Making)	3
PHIL 3500	PROBLEMS IN PHILOSOPHY (Special Topic: Special Topics in Philosophy related to Brains, Minds, and Machines - approved topics only)	3
PHIL 3600	EPISTEMOLOGY	3
PHIL 3650	PHILOSOPHY OF MIND	3
PHIL 3700	SPACE, TIME, AND REALITY	3
PHIL 3960	READINGS IN PHILOSOPHY (approved topics only)	3
PHIL 4220	NEUROETHICS	3
PHIL 4240	PHILOSOPHY OF EMOTION	3
PHIL 4260	MORAL PSYCHOLOGY	3
PHIL 4610	PHILOSOPHY OF LANGUAGE	3

Code	Title	Credits
List B: Approved courses in Neuroscience, Psychology, and Computer Science		
PSYC 4070	COGNITIVE PSYCHOLOGY	3
PSYC 4090	COGNITIVE NEUROSCIENCE	3
PSYC 4210	SENSATION AND PERCEPTION	3
PSYC 4230	BEHAVIORAL NEUROSCIENCE	3
PSYC 4520	PSYCHOLOGY OF LANGUAGE	3
NEUR 1540	INTRODUCTION TO NEUROSCIENCE II	3
NEUR 4330	SOCIAL NEUROSCIENCE	3
NEUR 4890	GENES, BRAIN, AND BEHAVIOR	3
AND ADDITIONAL PSYC, NEUR, and CSCI COURSES UPON APPROVAL OF THE CHAIR OF PHILOSOPHY		

Freshman

Code	Title	Credits
Fall		
ENGL 1150	ENGLISH COMPOSITION I (*)	3
MATH 1120 or MATH 1130 or MATH 1220 or MATH 1300 or STAT 1100 or STAT 1530	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING (**) or QUANTITATIVE LITERACY or COLLEGE ALGEBRA or COLLEGE ALGEBRA WITH SUPPORT or DATA LITERACY AND VISUALIZATION or ELEMENTARY STATISTICS	3-4
PHIL 1030	INTRODUCTION TO PHILOSOPHY: BRAINS, MINDS, AND MACHINES	3

Elective		1
Foreign Language Course 1110^		5

*ENGL 1150: Requires placement via EPPE, ACT or AP score.

**MATH: Please see the catalog for the most up-to-date prerequisites.

***PHIL 1030 may count as a Humanities/Fine Arts course and List A course.

^Level 1110 foreign language courses count as a Humanity/ Fine Arts course, Global Diversity, and toward the student's BA requirement. If student is fulfilling the BA requirement via alternative methods, then 16 additional credits including a HFA and Global Diversity will need to be factored in to this degree plan.

	Credits	15-16
Spring		
ENGL 1160	ENGLISH COMPOSITION II (*)	3

PHIL 2030	INTRODUCTION TO ETHICS (**)	3
Foreign Language Course	1120	5
Natural/Physical Science Gen Ed with Lab		4
*ENGL 1160: requires ENGL 1150 or placement via EPPE or AP.		
**PHIL 2030 counts as a Humanities/Fine Arts course and required major course.		
Credits		15

Sophomore

Fall		
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS or ARGUMENTATION AND DEBATE	3
PHIL 2010	SYMBOLIC LOGIC (*)	3
PHIL/PSYC 4250	LIMITS OF CONSCIOUSNESS (**)	3
Foreign Language Course	2110	3
Social Science		3

*PHIL 2010 counts for the A&S Required Add'l Gen Ed QL course if doing that option, as well as a major core course.
 **PHIL 4250/PSYC 4250: Requires PSYC 1010 or 6 hours in Philosophy.

Credits		15
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Spring

PHIL 3000	PHILOSOPHY WRITING SEMINAR (*)	3
PHIL 3650	PHILOSOPHY OF MIND (**)	3
Foreign Language Course	2120	3
Natural/Physical Science***		3
Social Science + U.S. Diversity		3

*PHIL 3000: Requires ENGL 1160 or equivalent and 3 hours of Philosophy
 **PHIL 3650: No Prerequisites. Some prior coursework in Philosophy is recommended but not required.
 ***Natural/Physical Science must be in a 2nd discipline.

Credits		15
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Junior

Fall		
Philosophy of Brain, Minds, and Machines List A 3000-4000 Level Course, such as PHIL 3600 Epistemology*		3
Additional Humanities/Fine Arts for A&S or Minor/2nd Major Course**		3
Social Science***		3
Elective or Minor/2nd Major Course		3
Elective		3

*At least 6 credit hours drawn from 3000/4000 level PHIL courses on List A are required.
 **A&S College Requirement Options: Additional HFA must come from 3rd discipline.
 ***Social Science must be in a 2nd discipline.

Credits		15
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Spring

Philosophy of Brains, Minds, and Machines List A 3000-4000 Level Course, such as PHIL 4240 Philosophy of Emotion*		3
PHIL Elective from List A or List B**		3
Elective or Minor/2nd Major Course		3
Additional Natural/Physical Science with Lab for A&S or Course for Minor/2nd Major***		3-4
Additional Social Science Course for A&S or Course for Minor/2nd Major^		3

*At least 6 credit hours drawn from 3000/4000 level PHIL courses on List A are required.

**At least 6 credit hours in any combination from EITHER courses on List A or B are required. Please refer to the catalog requirements and your advisor for details. Keep in mind that out of 30 credits in the major, 21 must be Upper Level (3000/4000) PHIL.

***A&S College Requirement Options.

^A&S College Requirement Options. Additional Social Science Gen Ed must be in a 3rd discipline.

Credits		15-16
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Senior

Fall		
HIST 1000 or Minor/2nd Major Course*		3
PHIL Elective from List A or List B**		3
Elective or Minor/2nd Major Course***		3
Elective or Minor/2nd Major Course***		3
Elective***		3

*A&S College Requirement Options.

**At least 6 credit hours in any combination from EITHER courses on List A or B are required. Please refer to the catalog requirements and your advisor for details. Keep in mind that out of 30 credits in the major, 21 must be Upper Level (3000/4000) PHIL.

***120 credits, minimum, are needed for a bachelor's degree. Students need at least 21 upper level (3000-4000) PHIL credits.

Credits		15
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Spring

HIST 1010 or Minor/2nd Major Course*		3
PHIL Upper-Level (3000/4000) Elective of choice		3
Elective or Minor/2nd Major Course**		3
Elective or Minor/2nd Major Course**		3
Elective or Minor/2nd Major Course**		3

*A&S College Requirement Options

**120 credits, minimum, are needed for a bachelor's degree. Students need at least 21 upper level (3000-4000) PHIL credits.

Credits		15
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Total Credits		120-122
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This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

This plan is not a contract and curriculum is subject to change

Additional Information About this Plan:

University Degree Requirements: The minimum number of hours for a UNO undergraduate degree is 120 credit hours. Please review the requirements for your specific program to determine all requirements for the program. In order to graduate on-time (four years for an undergraduate degree), you need to take 30 hours each year.

Placement Exams: For Math, English, Foreign Language, a placement exam may be required. More information on these exams can be found at <https://www.unomaha.edu/enrollment-management/testing-center/placement-exams/information.php>

**Transfer credit or placement exam scores may change suggested plan of study

GPA Requirements: 2.0