

UNIVERSITY OF MINNESOTA

Morris Campus

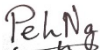
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September 9, 2022

Memo to: Steering Committee

From: Peh Ng, Curriculum Committee Chair 

Subject: UMN Morris curricular course changes proposed - catalog requests

Below are items approved by the Curriculum Committee that we request be placed on the agenda for the September 27, 2022 meeting of the Campus Assembly. For more detail, please review the documents in this [folder](#), which we also ask be made available to members of the Assembly.

A summary of votes cast by Curriculum Committee members (13 voting, 3 non-voting) is presented below:

General Education Requirements:

Program/Form/Course Action	Meeting Date	Vote (For-Against-Abstentions)
Morris Core Curriculum	8/25/2022	(10-0-0)

Division of Science and Mathematics Proposal:

Program/Form/Course Action	Meeting Date	Vote (For-Against-Abstentions)
Biology Form A (Discipline Summary of Program Changes) Catalog descriptions – Major and Minor programs Course Revisions: 1111, 3131, 4111, 4191, 3701 Course Deactivations: 1008, 1051, 1801, 4003, 4105, 4241, 4333, 4301	9/8/2022	(8-0-0)
Chemistry Form A (Discipline Summary of Program Changes) Catalog descriptions – Major and Minor programs Course Deactivations: 4351, 4357 New Course: CHEM 4358 Protein Biochemistry	9/8/2022	(8-0-0)

Computer Science Form A (Discipline Summary of Program Changes) Catalog descriptions – Major and Minor programs Course Revisions: 2101, 2601, 2701, 3412 Course Deactivations: 1201 New Courses: CSCI 1221 Introductory Programming Concepts I CSCI 1222 Introductory Programming Concepts II	9/8/2022	(8-0-0)
Data Science (minor) Form A (Discipline Summary of Program Changes) Catalog description – Minor program	9/8/2022	(8-0-0)
Environmental Science Form A (Discipline Summary of Program Changes) Catalog description – Major program	9/8/2022	(6-0-0)
Geology Form A (Discipline Summary of Program Changes) Catalog descriptions – Major and Minor programs	9/8/2022	(9-0-0)
Mathematics Form A (Discipline Summary of Program Changes) Course Revisions: 3111 Catalog descriptions – Major and Minor programs	9/8/2022	(9-0-0)
Physics Form A (Discipline Summary of Program Changes) Course Deactivations: 1801, 3152 Catalog descriptions – Major and Minor programs	9/8/2022	(8-0-0)
Statistics Form A (Discipline Summary of Program Changes) Catalog descriptions – Major and Minor programs	9/8/2022	(9-0-0)

Division of the Humanities Proposal:

Program/Form/Course Action	Meeting Date	Vote (For-Against-Abstentions)
Philosophy Form A (Discipline Summary of Program Changes) Catalog descriptions, including standard plan and three new subplans Course Revisions: 3112, 4002, 2151, 4121, 2113, 3151, 3171, 1101, 4901 Course Deactivations: 4902, 4903, 4904, 4130, 4100, 4000, 2141, 4131	9/8/2022	(8-0-0)

Curriculum Committee

Form A: Discipline Summary

Route this form to:
Appropriate
Division Office

UMM
Curriculum Committee
Form A

Rev: 01/2022

Date: May 11, 2022

Discipline/Division: Philosophy/Humanities

Catalog Years (e.g., 2021-2023): 2023-2025

Statistical Summary of Proposed Changes:

(a)	(b)	(b) – (a)
Present (from current catalog)	Proposed (for new catalog)	Net Change*
40	40-48	0 - +8
24	24	0

The Major

Total credits required for a major*:

The Minor

Total credits required for a minor*:

*Includes required courses from other disciplines.

Please summarize the proposed changes.

The Philosophy Discipline is adding three sub-plans for our major (a. PPE, b. Legal Studies, and c. Computer and Data Studies); there is also the option for students to complete the 'standard' major which is unchanged from previous catalog versions. There are no changes to the minor.

What is the intent of these changes?

The intent of these changes is to attract more students to our major as well as the university as a whole.

What are the financial or staffing implications of this proposal for the Discipline?

There are no financial or staffing implications of this proposal for the Discipline; all the courses that compose the sub-plans are already staffed and regularly offered.

What are the financial or staffing implications of this proposal for other Disciplines?

There are no financial or staffing implications of this proposal for other Disciplines; all the courses that compose the sub-plans are already staffed and regularly offered.

Morris Campus

Philosophy B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Spring 2022
- Required credits to graduate with this degree: 120
- Required credits within the major: 40-48
- Degree: Bachelor of Arts

The philosophy program provides an environment in which students receive rich, well-rounded instruction in philosophy, whose pursuit is essential to a liberal arts education.

Program Student Learning Outcomes

UMM's philosophy curriculum offers coursework in all major subfields of philosophy including the history of philosophy, metaphysics and logic, epistemology, and values. We offer tracks in 'Legal Studies', 'Computer and Data Studies', as well as 'Philosophy, Politics, and Economics (PPE)'. As a field of study, philosophy is at the core of a liberal arts education, as its skills encourage independent thought and interdisciplinary, integrated inquiry. Specifically, UMM's philosophy program offers students the opportunity to:

- Explore philosophy's fundamental questions and proposed answers;
- Cultivate their own philosophical powers, which include creativity, sensitivity, intellectual courage, open-mindedness and critical-mindedness, logical rigor, and analytical precision;
- Join the great conversation by contributing their own considered insights;
- Hone their ability to speak and write effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required courses for all sub-plans

- PHIL 1101 - Introduction to Philosophy [HUM] (4.0 cr)
or PHIL 1801 - THINK: An Introduction to Philosophy [IC] (4.0cr)
- PHIL 1102 - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- PHIL 1103 - Introductory Ethics [E/CR] (4.0 cr)
- PHIL 4901 - Advanced Seminar in Philosophy (4.0 cr)

Elective Courses

- Take 8 or more credit(s) from the following:
- ~~PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)~~
 - ~~PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)~~
 - ~~PHIL 2114 - Environmental Ethics [ENV] (4.0 cr)~~
 - ~~PHIL 2121 - Philosophy of Religion [HUM] (4.0 cr)~~
 - ~~PHIL 2141 - Analytic Feminism [HUM] (4.0 cr)~~



~~PHIL 2151 – Philosophy of Mind [HUM] (4.0 cr)~~
~~PHIL 2162 – Ethics of Love and Sex [E/CR] (4.0 cr)~~
~~PHIL 3112 – Free Will and Moral Responsibility [HUM] (4.0 cr)~~
~~PHIL 3131 – Philosophy of Law [SS] (4.0 cr)~~
~~PHIL 4000 – History of Philosophy Seminar [HIST] (4.0 cr)~~
~~PHIL 4002 – Existentialism [HIST] (4.0 cr)~~
~~PHIL 4100 – Contemporary Moral Debates [HUM] (4.0 cr)~~
~~PHIL 4121 – Philosophy of Language [HUM] (4.0 cr)~~
~~PHIL 4130 – Contemporary Issues in Philosophy [HUM] (4.0 cr)~~
~~PHIL 4131 – Personal Identity, Proper Names, and Essences [HUM] (4.0 cr)~~

Additional 4xxx Elective

One additional 4xxx course exclusive of those used to meet other major requirements or electives. Take 4 or more credit(s) from the following:

• ~~PHIL 4xxx~~

Program Sub-Plans

Students are required to complete one of the following sub-plans.

Philosophy, Standard

Core Courses

Take 12 or more credits from the following:

PHIL 3101: Metaphysics [HUM] (4.0 cr)
PHIL 3121: Political Philosophy [SS] (4.0 cr)
PHIL 3141: Epistemology [HUM] (4.0 cr)
PHIL 3151: History of Ancient Philosophy [HIST] (4.0 cr)
PHIL 3171: History of Modern Philosophy [HIST] (4.0 cr)

Elective Courses

Take 12 or more credits from the following:

PHIL 2112: Professional Ethics [E/CR] (4.0 cr)
PHIL 2113: International and Biomedical Ethics [E/CR] (4.0 cr)
PHIL 2114: Environmental Ethics [ENVT] (4.0 cr)
PHIL 2121: Philosophy of Religion [HUM] (4.0 cr)
~~PHIL 2141 – Analytic Feminism [HUM] (4.0 cr)~~
PHIL 2151: Philosophy of Mind [HUM] (4.0 cr)
PHIL 2162: Ethics of Love and Sex [E/CR] (4.0 cr)
PHIL 3112-2116: Free Will and Moral Responsibility [HUM] (4.0 cr)
PHIL 4002-2117: Existentialism [HIST] (4.0 cr)
PHIL 3131: Philosophy of Law [SS] (4.0 cr)
~~PHIL 4000 – History of Philosophy Seminar [HIST] (4.0 cr)~~
~~PHIL 4100 – Contemporary Moral Debates [HUM] (4.0 cr)~~
PHIL 4121-3142 Philosophy of Language [HUM] (4.0 cr)
~~PHIL 4130 – Contemporary Issues in Philosophy [HUM] (4.0 cr)~~
~~PHIL 4131 – Personal Identity, Proper Names, and Essences [HUM] (4.0 cr)~~



Philosophy, Legal Studies

The Legal Studies sub-plan offers students the opportunity to hone their critical thinking skills and acquire a solid background in the foundations of law, justice, and government. This sub-plan may be especially appealing to students interested in applying to law school as well as those who are planning careers in business, politics, or public policy.

Take the following course:

PHIL 3131: Philosophy of Law [SS] (4.0 cr)

Take 8 credits from the following:

PHIL 3121: Political Philosophy [SS] (4.0 cr)

PHIL 3141: Epistemology [HUM] (4.0 cr)

PHIL 3151: History of Ancient Philosophy [HIST] (4.0 cr)

POL 2021: American Judicial Process (half-semester) (SS; 2 cr) and POL 2222 - U.S. Supreme Court (half-semester) (SS; 2 cr)

POL 2202: Criminal Justice and Policing (SS; 4 cr)

POL 3235: U.S. Criminal and Tribal Law (SS; 4 cr)

POL 3231: Constitutional Law - Civil Rights and Liberties (HDIV; 4 cr.)

POL 3232: Constitutional Law - Governmental Powers and Constraints (SS; 4 cr)

POL 3411: International Law (IP; 4 cr)

Take 4 credits from the following:

PHIL 2112: Professional Ethics [E/CR] (4.0 cr)

PHIL 2113: International/Biomedical Ethics [HUM] (4.0 cr)

PHIL 2114: Environmental Ethics [ENVT] (4.0 cr)

PHIL 2131: Ethics and Artificial Intelligence [E/CR] (4.0 cr)

PHIL 2162: Ethics of Love and Sex [E/CR] (4.0 cr)

ENST 3112: Climate Change and Moral Responsibility [ENVT] (4.0 cr) [?]

ENST 3201: Environmental Justice [E/CR] (4.0 cr)

Philosophy, Computer and Data Studies

The Philosophy, Computer and Data Studies sub-plan requires completion of one of the following two elements.

Take the following course in Philosophy:

PHIL 2131: Ethics and Artificial Intelligence [E/CR] (4.0 cr)

Take two of the following courses in Philosophy:

PHIL 2151 3143: Philosophy of Mind [HUM] (4.0 cr)

PHIL 3101: Metaphysics [HUM] (4.0 cr)

PHIL 3141: Epistemology [HUM] (4.0 cr)

PHIL 3142: Philosophy of Language [HUM] (4.0 cr)

PHIL 3171: History of Modern Philosophy [HIST] (4.0 cr)

Take one of the following courses on statistical literacy:

STAT 1601: Introduction to Statistics [M/SR] (4.0 cr)

STAT 2601: Statistical Methods [M/SR] (4.0 cr)

Take four credits from the following courses on computational literacy:

CSCI 1221: Introduction to Digital Media Computation [M/SR] (2.0 cr)

CSCI 1222: Introduction to Digital Media Computation [M/SR] (2.0 cr)

CSCI 1301: Problem Solving and Algorithm Development. [M/SR] (4.0 cr)

The Computer and Data Studies sub-plan requires completion of one of the following two elements.

Element 1: The Data Science Block

Take the following two courses:

CSCI 2701/STAT 2701: Introduction to Data Science [M/SR] (4.0 cr)

CSCI 3701/STAT 3701: Intermediate Data Science (4.0 cr)

Element 2: The Computer Science Block

Take the following course:

CSCI 2101: Data Structures [M/SR] (5.0 cr)



and

Take one of the following courses:

CSCI 3501: Algorithms and Computability (5.0 cr)

CSCI 4403: Systems: Data Mining (4.0 cr)

CSCI 4454: Systems: Robotics (4.0 cr)

CSCI 4553: Theory: Evolutionary Computation and Artificial Intelligence (4.0 cr)

CSCI 4555: Theory: Neural Networks and Machine Learning (4.0 cr)

CSCI 4557: Theory: Quantum Computing (4.0 cr)

Philosophy, Politics, Economics (PPE)

Philosophy, Politics, and Economics (PPE) originated as a unified field at Oxford University in the 1920s and has since grown into an international movement. The PPE sub-plan at the University of Minnesota, Morris offers philosophy majors an interdisciplinary approach to the study of philosophical, political and economic thought. Students will rigorously examine the foundations of social values, political institutions, and economic systems and engage in reflective and informed debates about contemporary affairs and the impact of public policies on human welfare. This sub-plan may be especially interesting to students planning careers or post-graduate work in business, law, politics, or public policy.

Take the following core class in Philosophy:

PHIL 3121: Political Philosophy [SS] (4.0 cr)

Philosophy Electives

At least 8 credits of the philosophy electives must be at the 3xxx level.

Take exactly 12 credit(s) from the following:

Lower level electives

Take at most 4 credit(s) from the following:

• PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr) [OPT]

• PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr) [OPT]

Upper level electives

Take 8 or more credit(s) from the following:

• PHIL 3101 - Metaphysics [HUM] (4.0 cr) [OPT]

• PHIL 3131 - Philosophy of Law [SS] (4.0 cr) [OPT]

• PHIL 3141 - Epistemology [HUM] (4.0 cr) [OPT]

• PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr) [OPT]

• PHIL 3171 - History of Modern Philosophy [HIST] (4.0 cr) [OPT]

Take two of the following Political Science courses:

POL 1201: American Government and Politics [E/CR] (4.0 cr)

POL 1401: World Politics [IP] (4.0 cr)

POL 2411: Model United Nations [IP] (4.0 cr)

POL 3251: American Democracy in Action: Campaigns, Elections, and Political Behavior [SS] (4.0 cr)

POL 3263: Political Psychology [SS] (4.0 cr)

POL 3475: International Human Rights (4.0 cr)

Take each of the following Economics courses:

ECON 1111: Principles of Microeconomics [SS] (4.0 cr)

ECON 1112: Principles of Macroeconomics [SS] (4.0 cr)



Morris Campus

Philosophy Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Spring 2022
- Required credits in this minor: 24
- This program requires summer terms.

The philosophy program provides an environment in which students receive rich, well-rounded instruction in philosophy, essential to a liberal arts education.

Program Student Learning Outcomes:

UMM's philosophy curriculum offers coursework in all major subfields of philosophy: the history of philosophy, metaphysics and logic, epistemology, and values. As a field of study, philosophy is at the core of a liberal arts education, as its skills encourage independent thought and interdisciplinary, integrated inquiry. Specifically, UMM's philosophy program offers students the opportunity to:

Explore philosophy's fundamental questions and proposed answers;
Cultivate their own philosophical powers, which include creativity, sensitivity, intellectual courage, open-mindedness and critical-mindedness, logical rigor, and analytical precision;
Join the great conversation by contributing their own considered insights;
Hone their ability to speak and write effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Take 8 or more credit(s) from the following:

- [PHIL 1102](#) - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- [PHIL 1103](#) - Introductory Ethics [E/CR] (4.0 cr)
- [PHIL 1101](#) - Introduction to Philosophy [HUM] (4.0 cr)
or [PHIL 1801](#) - THINK: An Introduction to Philosophy [IC] (4.0 cr)

Core Courses

Take 8 or more credit(s) from the following:

- [PHIL 3101](#) - Metaphysics [HUM] (4.0 cr)
- [PHIL 3121](#) - Political Philosophy [SS] (4.0 cr)
- [PHIL 3141](#) - Epistemology [HUM] (4.0 cr)
- [PHIL 3151](#) - History of Ancient Philosophy [HIST] (4.0 cr)
- [PHIL 3171](#) - History of Modern Philosophy [HIST] (4.0 cr)

Elective Courses

Take 8 or more credit(s) from the following:

- [PHIL 2112](#) - Professional Ethics [E/CR] (4.0 cr)
- [PHIL 2113](#) - International and Biomedical Ethics [E/CR] (4.0 cr)
- [PHIL 2114](#) - Environmental Ethics [ENVT] (4.0 cr)
- [PHIL 2121](#) - Philosophy of Religion [HUM] (4.0 cr)
- [PHIL 2141](#) - Analytic Feminism [HUM] (4.0 cr)
- [PHIL 2151](#) - Philosophy of Mind [HUM] (4.0 cr)
- [PHIL 2162](#) - Ethics of Love and Sex [E/CR] (4.0 cr)
- [PHIL 3112](#) - Free Will and Moral Responsibility [HUM] (4.0 cr)



- [PHIL 3131](#) - Philosophy of Law [SS] (4.0 cr)
- [PHIL 4000](#) - History of Philosophy Seminar [HIST] (4.0 cr)
- [PHIL 4002](#) - Existentialism [HIST] (4.0 cr)
- [PHIL 4100](#) - Contemporary Moral Debates [HUM] (4.0 cr)
- [PHIL 4121](#) - Philosophy of Language [HUM] (4.0 cr)
- [PHIL 4130](#) - Contemporary Issues in Philosophy [HUM] (4.0 cr)
- [PHIL 4131](#) - Personal Identity, Proper Names, and Essences [HUM] (4.0 cr)

No Changes

**Morris Campus****Philosophy B.A.***Division of Humanities - Adm***Division of Humanities**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2023
- Required credits to graduate with this degree: 120
- Required credits within the major: 40 to 48
- Degree: Bachelor of Arts

The philosophy program provides an environment in which students receive rich, well-rounded instruction in philosophy, whose pursuit is essential to a liberal arts education.

Program Student Learning Outcomes

UMM's philosophy curriculum offers coursework in all major subfields of philosophy including the history of philosophy, metaphysics and logic, epistemology, and values. In addition to a standard philosophy major, we also offer tracks in "Legal Studies", "Computer and Data Studies", and "Philosophy, Politics, and Economics (PPE)." As a field of study, philosophy is at the core of a liberal arts education, as its skills encourage independent thought and interdisciplinary, integrated inquiry. Specifically, UMM's philosophy program offers students the opportunity to:

Explore philosophy's fundamental questions and proposed answers;
Cultivate their own philosophical powers, which include creativity, sensitivity, intellectual courage, open-mindedness and critical-mindedness, logical rigor, and analytical precision;
Join the great conversation by contributing their own considered insights;
Hone their ability to speak and write effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- PHIL 1101 - Introduction to Philosophy [HUM] (4.0 cr)
or PHIL 1801 - THINK: An Introduction to Philosophy [IC] (4.0 cr)
- PHIL 1102 - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- PHIL 1103 - Introductory Ethics [E/CR] (4.0 cr)
- PHIL 4901 - Senior Philosophical Defense (2.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.



Philosophy, Standard

Core Courses

Take exactly 12 credit(s) from the following:

- PHIL 3101 - Metaphysics [HUM] (4.0 cr)
- PHIL 3121 - Political Philosophy [SS] (4.0 cr)
- PHIL 3141 - Epistemology [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)
- PHIL 3171 - History of Modern Philosophy [HIST] (4.0 cr)

Elective Courses

Take exactly 12 credit(s) from the following:

- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)
- PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)
- PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)
- PHIL 2121 - Philosophy of Religion [HUM] (4.0 cr)
- PHIL 2151 - Philosophy of Mind [HUM] (4.0 cr)
- PHIL 2162 - Ethics of Love and Sex [E/CR] (4.0 cr)
- PHIL 3112 - Free Will and Moral Responsibility [HUM] (4.0 cr)
- PHIL 4002 - Existentialism [HIST] (4.0 cr)
- PHIL 3131 - Philosophy of Law [SS] (4.0 cr)
- PHIL 4121 - Philosophy of Language [HUM] (4.0 cr)

Philosophy, Computer and Data Studies

The Computer and Data Studies sub-plan offers students the opportunity to combine the study of Philosophy, Computer Science, and Data Science. The interdisciplinary sub-plan will equip students with a range of critical thinking skills -- including logical, computational, and statistical reasoning -- that are highly prized in today's job market.

Core Course

- PHIL 2115 - Ethics and Artificial Intelligence [E/CR] (4.0 cr)

Philosophy Electives

Take exactly 8 credit(s) from the following:

- PHIL 2151 - Philosophy of Mind [HUM] (4.0 cr)
- PHIL 3101 - Metaphysics [HUM] (4.0 cr)
- PHIL 3141 - Epistemology [HUM] (4.0 cr)
- PHIL 4121 - Philosophy of Language [HUM] (4.0 cr)
- PHIL 3171 - History of Modern Philosophy [HIST] (4.0 cr)

Statistical Literacy

Take exactly 4 credit(s) from the following:

- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
- STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Computational Literacy

Take exactly 4 credit(s) from the following:

- CSCI 1221 - Introductory Programming Concepts I [M/SR] (2.0 cr)
- and CSCI 1222 – Introductory Programming Concepts II (2.0 cr)
- CSCI 1301 - Problem Solving and Algorithm Development [M/SR] (4.0 cr)

Data and Computer Science Blocks

The Philosophy, Computer and Data Studies sub-plan requires completion of one of the following two elements.

Element 1: The Data Science Block

Take exactly 8 credit(s) from the following:

Introduction to Data Science

- CSCI 2701 - Introduction to Data Science [M/SR] (4.0 cr)
- or STAT 2701 - Introduction to Data Science [M/SR] (4.0 cr)

Intermediate Data Science

- CSCI 3701 - Intermediate Data Science (4.0 cr)
- or STAT 3701 - Intermediate Data Science (4.0 cr)

-OR-

Element 2: The Computer Science Block

Core Course

- CSCI 2101 - Data Structures [M/SR] (5.0 cr)

Element 2 Electives

Take exactly 1 course(s) from the following:

- CSCI 3501 - Algorithms and Computability (5.0 cr)
- CSCI 4403 - Systems: Data Mining (4.0 cr)
- CSCI 4454 - Systems: Robotics (4.0 cr)

- CSCI 4553 - Theory: Evolutionary Computation and Artificial Intelligence (4.0 cr)
- CSCI 4555 - Theory: Neural Networks and Machine Learning (4.0 cr)
- CSCI 4557 - Theory: Quantum Computing (4.0 cr)

Philosophy, Legal Studies

The Legal Studies sub-plan offers students the opportunity to hone their critical thinking skills and acquire a solid background in the foundations of law, justice, and government. This sub-plan may be especially appealing to students interested in applying to law school as well as those who are planning careers in business, politics, or public policy.

Core Course

PHIL 3131 - Philosophy of Law [SS] (4.0 cr)

Philosophy Electives

Take exactly 8 credit(s) from the following:

- PHIL 3121 - Political Philosophy [SS] (4.0 cr)
- PHIL 3141 - Epistemology [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)

Law Electives

Take exactly 12 credit(s) from the following:

- POL 2202 - Criminal Justice and Policing (4.0 cr)
- POL 2221 - The American Judicial Process [SS] (2.0 cr)
- POL 2222 - The U.S. Supreme Court [SS] (2.0 cr)
- POL 3231 - Constitutional Law: Civil Liberties and Civil Rights [HDIV] (4.0 cr)
- POL 3232 - Constitutional Law: Governmental Powers and Constraints [SS] (4.0 cr)
- POL 3235 - U.S. Criminal and Tribal Law [SS] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)

Ethics Electives

Take exactly 4 credit(s) from the following:

- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)
- PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)
- PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)
- PHIL 2115 - Ethics and Artificial Intelligence [E/CR] (4.0 cr)
- PHIL 2162 - Ethics of Love and Sex [E/CR] (4.0 cr)
- ENST 3112 - Climate Change and Moral Responsibility [ENVT] (4.0 cr)
- ENST 3201 - Environmental Justice [E/CR] (4.0 cr)

Philosophy, Politics, Economics (PPE)

Philosophy, Politics, and Economics (PPE) originated as a unified field at Oxford University in the 1920s and has since grown into an international movement. The PPE sub-plan at the University of Minnesota, Morris offers philosophy majors an interdisciplinary approach to the study of philosophical, political and economic thought. Students will rigorously examine the foundations of social values, political institutions, and economic systems and engage in reflective and informed debates about contemporary affairs and the impact of public policies on human welfare. This sub-plan may be especially interesting to students planning careers or post-graduate work in business, law, politics, or public policy.

Core Course

PHIL 3121 - Political Philosophy [SS] (4.0 cr)

Economics Core Courses

Econ 1101 - Principles of Economics [SS] (4.0 cr)

Philosophy Electives

At least 8 credits of the philosophy electives must be at the 3xxx level.

Take exactly 12 credit(s) from the following:

Take at most 4 credit(s) from the following:

- PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)
- PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)

Upper level electives

Take 8 or more credit(s) from the following:

- PHIL 3101 - Metaphysics [HUM] (4.0 cr)
- PHIL 3131 - Philosophy of Law [SS] (4.0 cr)
- PHIL 3141 - Epistemology [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)
- PHIL 3171 - History of Modern Philosophy [HIST] (4.0 cr)

Political Science Electives

Take exactly 8 credit(s) from the following:

- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)



- [POL 3251](#) - American Democracy in Action: Campaigns, Elections, and Political Behavior [SS] (4.0 cr)
- [POL 3263](#) - Political Psychology [SS] (4.0 cr)
- [POL 3475](#) - International Human Rights (4.0 cr)

DRAFT Page 4

Memo

To: Curriculum Committee

From: Philosophy Discipline

Date: August 19, 2022

Re: Rationale Statement for Addition of Subplans to the Philosophy Major

Philosophy proposes adding three sub-plans: 'Legal Studies', 'Philosophy, Politics, and Economics' (PPE) and 'Computer and Data Studies'. These sub-plans will allow students to combine in-depth study in our major with broad knowledge in multiple disciplines. It will also help promote our campus's student learning outcome of developing career-ready scholars.

Multiple Course Revisions

This form is for presenting changes to Curriculum Committee; the information will still need to be entered in ECAS. Sending this form to Curriculum Committee for approval means Discipline and Division approval has been received.

Date: 5/12/22

Discipline: PHIL

Curriculum Committee Approval Date:

Course Revision #1 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL ~~3112~~ 2116 -- Free Will ~~and Moral Responsibility~~ (HUM)

Credits: 4.0 [max 4.0]

Typically offered: Periodic Spring

Explores ancient and contemporary debates about the nature of free will and ~~its~~ **its** value. ~~Possible topics include the relevance of free will to autonomy, moral responsibility, and living meaningfully.~~ Possible topics include: whether the sciences tell us what free will is and/or whether we have it, whether free will is required for moral and/or legal responsibility, whether it is possible for non-humans (e.g. animals or AI) to have free will, and the role of free will in living an autonomous and meaningful life.

prereq: 1101 or 1102 or 1103 or instr consent

Rationale for change:

PHIL believes this course can be pitched at an introductory 2xxx level, and would be more accessible to students who might be intimidated by the 3xxx designation.

Course Revision #2 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL ~~4002~~ 2117 - Existentialism (HIST)

Credits: 4.0 [max 4.0]

Typically offered: Periodic Fall & Spring

Introduction to ~~Examination of~~ some prominent thinkers often classified as "existentialists": Kierkegaard, Dostoevsky, Nietzsche, Sartre, and Camus. Topics include what human freedom is, what makes a life authentic (or inauthentic), what role passion and choice should play in acquiring our beliefs and values, and what difference (if any) God's existence or non-existence makes on the significance of our lives.

prereq: any 1xxx or 2xxx or instr consent

Rationale for change:

PHIL believes this course can be pitched at an introductory 2xxx level, and would be more accessible to students who might be intimidated by the 4xxx designation.

Course Revision #3 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL ~~2151~~ 3143- Philosophy of Mind (HUM)

Credits: 4.0 [max 4.0]

Typically offered: Periodic Spring

~~An introduction to several problems in the philosophy of mind, such as the mind/body problem, consciousness, and psychological explanation.~~

This course serves as an introduction to contemporary philosophy of mind. Topics include: mind/brain identity, artificial intelligence, extended minds, consciousness, emotions, implicit attitudes, the paradox of fiction, illusionism, self-knowledge, personal identity, mind uploading, and virtual reality.

prereq: 1101 or 1102 or instr consent

Rationale for change:

PHIL believes a 3xxx designation is more appropriate for the course, given its level of difficulty.

Course Revision #4 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL ~~4121~~ 3142- Philosophy of Language (HUM)

Credits: 4.0 [max 4.0]

Typically offered: Periodic Fall & Spring

Traditional and contemporary discussions of philosophical problems such as the nature of language, its relationships to the world, to human thought, and to truth; the nature of logical reasoning; metalogical problems. Readings from philosophers such as Frege, Russell, Quine, Putnam, Goodman, Wittgenstein, and Kripke.

prereq: 1102 or instr consent

Rationale for change:

PHIL believes this course can be pitched at a 3xxx level, and would be more accessible to students who might be intimidated by the 4xxx designation.

Course Revision #5 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL 2113 - International and Biomedical Ethics (E/CR)

Credits: 4.0 [max 4.0]

Typically offered: Periodic Spring

~~A general survey of topics in international and biomedical ethics. Topics may include: nuclear deterrence, humanitarian intervention, just war theory, famine relief, global justice, abortion, euthanasia, doctor-patient relationships, clinical trials, animal experimentation, and genetic engineering.~~

This course examines a number of ethical issues that arise in the context of international relations and biomedical technologies. Topics include: warfare, terrorism, abortion, euthanasia, physician-assisted suicide, patient autonomy, humanitarian intervention, organ donation, famine relief, and genetic enhancement.

Rationale for change:

Updates course description to match updates in course content.

Course Revision #6 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL 3151 - History of Ancient Philosophy (HIST)

Credits: 4.0 [max 4.0]

Typically offered: Fall Even Year

~~Explores the views of philosophers such as Plato, Aristotle, Epicurus, and the Stoics. Possible topics include ancient views on the nature and possibility of knowledge, the relationship of the soul to the body, and what the good life is for a human being.~~

This course offers a broad survey of ancient philosophy. Topics include: happiness, beauty, virtue, fatalism, relativism, taoism, hedonism, skepticism, friendship, emotions, and tragedy.

prereq: 1101 or 1102 or 1103 or instr consent

Rationale for change:

Updates course description to match updates in course content.

Course Revision #7 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL 3171 - History of Modern Philosophy (HIST)

Credits: 4.0 [max 4.0]

Typically offered: Spring Even Year

~~Explores views of philosophers such as Descartes, Leibniz, Berkeley, Hume, and Kant. Possible topics include the relationship of the mind to the body, and whether and how it is possible to have knowledge of the external world.~~

This course offers a broad survey of modern philosophy. Topics include: innateness, materialism, idealism, personal identity, induction, causation, freedom, skepticism, optimism, pessimism, morality, beauty, laughter, tragedy, toleration, and free speech.

prereq: 1101 or 1102 or 1103 or instr consent

Rationale for change:

Updates course description to match updates in course content.

Course Revision #8 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL 1101 - Introduction to Philosophy (HUM)

Credits: 4.0 [max 4.0]

Course Equivalencies: Phil 1101/Phil 1801

Typically offered: Periodic Fall & Spring

~~An introduction to fundamental philosophical problems in areas such as metaphysics (what exists?), epistemology (what can we know? and how can we know it?), and ethics (what actions are moral and immoral? and what is the good life?), with an emphasis on developing the reading, writing, and analytical skills required for philosophical investigation.~~

How should we live? What happens after we die? What is the relation between our minds and bodies? How much can we know? Does God exist? Do our lives have meaning? In this course, we will examine classic works in philosophy that address these big questions. Authors include: Plato, Aristotle, Epictetus, Boethius, Lucretius, Sextus Empiricus, Descartes, Berkeley, and Hume. We will also focus on critical thinking, writing, reading, and speaking skills.

Rationale for change:

Updates course description to match updates in course content.

Course Revision #9 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

PHIL 4901 Advanced Seminar in Philosophy

Credits: ~~2.0~~ 4.0

Typically offered: Every Fall

~~Writing and defending a senior philosophical thesis is the culminating experience for UMM philosophy majors. Majors develop a piece of their philosophical writing, producing multiple drafts in response to comments from a variety of philosophical viewpoints, and then orally defend their thesis.~~

Advanced research seminar on a selected topic. Students read and discuss primary source material on a topic of common interest. Additionally, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation.

prereq: phil major

Rationale for change:

This course consolidates PHIL 4902, 4903, and 4904.

Course Revision #10 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4902 – Advanced Seminar in History of Philosophy (HUM)~~

Credits: ~~4.0~~ [max 4.0]

Grading Basis: ~~A-F only~~

Typically offered: ~~Periodic Spring~~

~~Advanced seminar on selected topics in the History of Philosophy. Students read and discuss primary source material on a topic of common interest. Additionally, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation.~~

~~prereq: 1101 or 1102 or 1103, sr status, instr consent~~

Rationale for change:

This course will be replaced by/renamed PHIL 4901 - Advanced Seminar in Philosophy.

Course Revision #11 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4903 – Advanced Seminar in Metaphysics and Epistemology (HUM)~~

Credits: ~~4.0~~ [max 4.0]

Grading Basis: ~~A-F only~~

Typically offered: ~~Periodic Spring~~

~~Advanced seminar on selected topics in the Metaphysics and Epistemology. Students read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation.~~

~~prereq: 1101 or 1102 or 1103, sr status, instr consent~~

Rationale for change:

This course will be replaced by/renamed PHIL 4901 - Advanced Seminar in Philosophy.

Course Revision #12 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4904 – Advanced Seminar in Value Theory (HUM)~~

~~Credits:~~ 4.0 [max 4.0]

~~Grading Basis:~~ A-F only

~~Typically offered:~~ Periodic Spring

~~Advanced seminar on selected topics in Value Theory. Students read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation.~~

~~prereq: 1101 or 1102 or 1103, or status, instr consent~~

Rationale for change:

This course will be replaced by/renamed PHIL 4901 - Advanced Seminar in Philosophy.

Course Revision #13 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4130 – Contemporary Issues in Philosophy (HUM)~~

~~Credits:~~ 4.0 [max 8.0]

~~Typically offered:~~ Fall Odd Year

~~Exposure to, and critical examination of, philosophical issues of special contemporary interest. Topics may include the nature of analytic philosophy and its relationship to other philosophical traditions such as continental or feminist philosophy, the debate on realism and anti-realism, the notion of objectivity.~~

~~prereq: 1101 or 1102 or 1103 or instr consent~~

Rationale for change:

If we ever have the staffing to teach a 4xxx elective, we will teach a course with a specified topic appropriate to the area of expertise of the person who staffs it.

Course Revision #14 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4100 – Contemporary Moral Debates (HUM)~~

~~Credits:~~ 4.0 [max 8.0]

~~Typically offered:~~ Fall Even Year

~~Intensive investigation of a particular concern, theoretical or applied, being actively debated by ethicists. Topics vary, but students will leave the course prepared to contribute to the scholarly conversation on the issue.~~

~~prereq: 1103 or instr consent~~

Rationale for change:

If we ever have the staffing to teach a 4xxx elective, we will teach a course with a specified topic appropriate to the area of expertise of the person who staffs it.

Course Revision #15 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4000 – History of Philosophy Seminar (HIST)~~

~~Credits:~~ 4.0 [max 8.0]

~~Typically offered:~~ Every Fall

~~Intensive investigation of a particular philosophical problem, area, or work of a philosopher. Topics vary.~~

~~prereq: 1101 or 1102 or 1103 or instr consent~~

Rationale for change:

This course is no longer regularly offered.

Course Revision #16 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 2141 – Analytic Feminism (HUM)~~

~~**Credits:** 4.0 [max 4.0]~~

~~**Typically offered:** Periodic Spring~~

~~A critical examination, from a variety of perspectives, of major philosophical positions of prominent feminist writers and movements. Possible topics include the nature and ethics of sexism, patriarchy, gender and gender differences, transgenderism, standpoint theory, hate speech, and relationship and parenting ethics.~~

Rationale for change:

This course will likely not be offered in the future; it was based on the area of expertise of previous staff members.

Course Revision #17 Give *complete* UMM catalog entry (deletions in red, strikethru font, additions highlighted in yellow)

~~PHIL 4131 – Personal Identity, Proper Names, and Essences (HUM)~~

~~**Credits:** 4.0 [max 4.0]~~

~~**Typically offered:** Periodic Fall & Spring~~

~~A seminar primarily devoted to the discussion of readings, i.e., Naming and Necessity by Saul Kripke and Reasons and Persons by Derek Parfit. Questions such as: How do proper names function? Are there essential features of persons or objects? What makes each of us the same particular individual over time?~~

~~prereq: 1101 or 1102 or 1103 or instr consent~~

Rationale for change:

This course will likely not be offered in the future; it was based on the area of expertise of previous staff members.