

MEMORANDUM

ATTENTION: Senate
FROM: Elizabeth Elle, Vice-Chair, Senate Committee on Undergraduate Studies
RE: New Course Proposals
DATE: January 6, 2023

**For information:**

Acting under delegated authority at its meeting of January 5, 2023 SCUS approved the following curriculum revisions effective Fall 2023.

a. Faculty of Arts and Social Sciences1. Department of Philosophy (SCUS 23-04)

(i) New Course Proposal: PHIL 479-3, Honours Tutorial in Philosophy

b. Faculty of Environment1. Department of Geography (SCUS 23-05)

(i) New Course Proposals: GEOG 429-4, Racial Capitalism and Beyond

c. Faculty of Science1. Department of Biological Sciences (SCUS 23-06)

(i) New Course Proposal: BISC 106-3, Biological Systems for Engineers (Fall 2024)

2. Department of Molecular Biology and Biochemistry (SCUS 23-07)

(i) New Course Proposal: MBB 478-3, Seminar in Molecular Epidemiology of Infectious Diseases

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate Docushare repository at <https://docushare.sfu.ca/dsweb/View/Collection-12682>.

COURSE SUBJECT PHIL

NUMBER 479

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Honours Tutorial in Philosophy

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Honours Tutorial

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

In PHIL 479, each student will take a paper they wrote in a previous course (typically a 400-level seminar) and develop it into an honours thesis, supervised by the instructor of the previous course. Students may not enroll in PHIL 479 until a faculty member has agreed to supervise them. PHIL 479 is required for completion of the program, Honours in Philosophy.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The introduction of PHIL 479 is one component of the Philosophy Department's reforms to the program Honours in Philosophy. For an explanation of these reforms, and the reasons for them, please see the relevant program modification form.



SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Fall 2023

Term in which course will typically be offered [X] Spring [X] Summer [X] Fall

Other (describe)

Will this be a required or elective course in the curriculum? [X] Required [] Elective

What is the probable enrollment when offered? Estimate: 1

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture [] Seminar 3 Tutorial [] Lab [] Other; explain below

OTHER

[Empty text box]

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

All faculty members will teach PHIL 479 from time to time.

WQB DESIGNATION

(attach approval from Curriculum Office)

[Empty text box]

PREREQUISITE AND / OR COREQUISITE

Enrolled in the philosophy honours program.



EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components.](#)]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

Students who have taken PHIL 477 or PHIL 478 first may not then take PHIL 479 for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

[Empty text box for one-way equivalency]

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

[Empty text box for two-way equivalency]

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

[Empty text box for special topics preclusion statement]

FEEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

In PHIL 479, students will develop a thorough understanding of their topic area — more than is possible in a 400-level seminar. Students will also write a rigorous and in-depth honours thesis, developing their analytical and writing skills. Optionally, students will give a public presentation of their work, developing their capacity for public speaking and discussion.



RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Thomas Donaldson, Philosophy Department



COURSE SUBJECT

NUMBER

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE



SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016)

Term in which course will typically be offered Spring Summer Fall
Other (describe)

Will this be a required or elective course in the curriculum? Required Elective

What is the probable enrollment when offered? Estimate:

UNITS

Indicate number of units:

Indicate no. of contact hours: Lecture Seminar Tutorial Lab Other; explain below

OTHER

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE



EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components.](#)]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)



RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

COURSE SUBJECT NUMBER

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE



SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Fall 2024

Term in which course will typically be offered [] Spring [] Summer [x] Fall

Other (describe) []

Will this be a required or elective course in the curriculum? [x] Required [] Elective

What is the probable enrollment when offered? Estimate: 30

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture [] Seminar [] Tutorial 2 Lab B Other; explain below

OTHER

Blended: lectures are asynchronous, pre-recorded, equivalent to 3 hrs/week; labs are in person 2 hrs/week.

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Dr. Ivona Mladenovic

WQB DESIGNATION

(attach approval from Curriculum Office)

[]

PREREQUISITE AND / OR COREQUISITE

Registration in the MSE program.



EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components.](#)]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

Students who have taken BISC 101 or higher level BISC courses may not take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)



RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

Faculty of Science and BISC are working on coordination of labs for BISC 101, BISC 106 and FIC's offering of BISC courses, which all share the same lab space at Surrey.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Ivona Mladenovic

COURSE SUBJECT NUMBER

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The recent Joint Appointment hire (FHS and MBB), Will Hsaio, has taken a course offered by FHS since 2009 (HSCI 478) and modified it to be accessible and relevant to MBB students as well as Health Science students, making this now a foundational course in the recently created Concentration in Infection and Immunity offered by MBB. Both units support the creation of MBB 478 in order to cross-list this course with HSCI 478. MBB and FHS have a long standing tradition of cross-listed courses that are taught by members of both units and that have an almost equal distribution of students from both units enrolled. MBB/HSCI 478 would joint MBB/HSCI 326 and MBB/HSCI 427 in this category.

More specifically, this course is an upper-level, seminar-based undergraduate course designed to build upon existing offerings and link the fundamental principles of molecular biology and epidemiology. The creation of this course reflects the expansion of expertise and student interest in modern molecular techniques applied to the surveillance, prevention and treatment of globally-relevant infectious diseases, thus falling directly within the mandate of the recent creation of a concentration in Infection and Immunity by the MBB department.



SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Fall 2023

Term in which course will typically be offered [] Spring [] Summer [x] Fall

Other (describe) []

Will this be a required or elective course in the curriculum? [] Required [x] Elective

What is the probable enrollment when offered? Estimate: 50

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture 3 Seminar [] Tutorial [] Lab [] Other; explain below

OTHER

[]

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Will Hsiao has a joint appointment in MBB and HSCI. Other faculty in HSCI or MBB (Holt, Morin, Brinkman) could also teach this course

WQB DESIGNATION

(attach approval from Curriculum Office)

[]

PREREQUISITE AND / OR COREQUISITE

HSCI 326 or MBB 326 or MBB 331, with a minimum grade of C, or HSCI 338 with a minimum grade of C-.



EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components.](#)]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Students with credit for HSCI 478 may not take this course for further credit

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)



RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Ingrid Northwood