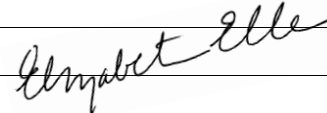


MEMORANDUM

ATTENTION:	Senate
FROM:	Elizabeth Elle, Vice-Chair, Senate Committee on Undergraduate Studies
RE:	New Course Proposals
DATE:	February 3, 2023


For information:

Acting under delegated authority at its meeting of February 2, 2023 SCUS approved the following curriculum revisions effective Fall 2023.

a. Faculty of Communication, Art and Technology (SCUS 23-16)**1. School for the Contemporary Arts****(i) New Course Proposals:**

- CA 151-3, Live Acts I
- CA 174-3, Transforming Objects
- CA 256-3, Environments I
- CA 356-3, Environments II
- CA 451-3, Creative Research
- CA 452-5, Capstone Projects

b. Faculty of Science (SCUS 23-17)**1. Department of Earth Sciences**

- (i) New Course Proposal: EASC 498-3, Undergraduate Research

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 CA

NUMBER 151

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

Live Acts I

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

Live Acts I

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.

The first of four performance studio courses in the Live Acts cluster. A practical introduction to the foundations of live performance making from a variety of perspectives. With a rotating topic each semester, students develop the foundational skills for creating original, contemporary live art.

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

While theatre techniques will still be taught, we aim to be more inclusive of contemporary practices in live art, including performance art, digital performance, social practice, site-specific practices, etc. Historically, the area offered a progression of courses following a loose, conservatory model of actor-training. Our new focus on performance making (i.e. devising performances from scratch and developing performance based techniques from other disciplines, including the visual arts), in line with the SCA's interdisciplinary mandate, requires us to offer a more integrative and versatile curriculum in our studios. The cluster of Live Acts studio courses (CA 151, 152, 251, 252) offers students a wide variety of topical and formally specific techniques and concepts rooted in 'liveness' as central to the medium of performance. These proposed modifications allow for students to develop an expansive set of tools for performance making as they progress from the lower to upper divisions, while providing faculty the flexibility to develop and introduce contemporary and experimental forms of performance pedagogy.



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.]

FEES

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

Erika Latta, James Long and Ryan Tacata



COURSE SUBJECT CA NUMBER 174

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

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

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. Explore how objects transform in relationship to body, space, and story. Techniques may include: mask-making, costume, puppetry, and toy theatre. Students will engage design concepts through iteration, rapid prototyping, and project scaling, as well as individual and collaborative materials based performances.

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

This is an introductory hands-on creation class, designed specifically for the annual incoming Production & Design cohort. The course will lay a groundwork of design skills and concepts which students will draw upon for success in upper years. These include: rapid prototyping, bringing ideas from concept to completion, designing with physical materials, approaches to spatial composition, basic design vocabularies, making individual and unique aesthetic choices, inventive problem-solving, and collaborative creation. This class fills a gap in our current curriculum, which does not introduce design concepts or skills until third year. As well, Production and Design students have no cohort specific courses in the first year, leading to a lack of cohort cohesion and peer learning, which this course will correct. This class will replace the current program requirement of CA 171 - Introduction to Stage and Production Management (3). This change better reflects our emphasis on performance design creation rather than on stage and production management. This emphasis has shifted over the past six years with the hiring of new research faculty. An introductory course in design is an essential foundation for students to learn advanced level skill in design later in the program and have appropriate knowledge and experience upon graduation. This course also aligns with our program's focus on nurturing and encouraging individual and collaborative artistic expression.



SCHEDULING AND ENROLLMENT INFORMATION

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

Term in which course will typically be offered [X] Spring [] Summer [] 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: 24

UNITS

Indicate number of units: 3

Indicate no. of contact hours: 2 Lecture [] Seminar [] Tutorial [] Lab 3 Other; explain below

OTHER

Studio - each student would take one 3 hour studio per week

FACULTY

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

Miwa Matreyek, Kyla Gardiner, Wladimiro Woyno

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.]

FEES

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:

Fees expected to be \$50 per student for materials provided to the students to complete coursework

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

Miwa Matreyek



COURSE SUBJECT CA NUMBER 256

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

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

CAMPUS where course will be normally taught: [] Burnaby [] Surrey [x] 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.
The first of two courses focused on the experiential production of space, Environments I introduces students to contemporary practices, concepts and methods specific to creating site specific and responsive performance.

REPEAT FOR CREDIT [] YES [x] 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

We are modifying the names and descriptions of our courses to reflect our broader approach to contemporary performance making to include performance locations and/or spaces that exist beyond traditional theatres, including the digital realm. Environments I and II focus on the experiential production of space in and through performance making. From site specificity, digital technologies, site-responsive, immersive, site-adaptive and staged ecologies, students will research, experiment and create original works in response for specific sites in their second and third years. By expanding the available prerequisites to other disciplines, we intend to encourage interdisciplinary collaboration across the school.



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? [x] Required [] Elective

What is the probable enrollment when offered? Estimate: 20

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture [] Seminar [] Tutorial [] Lab 6 Other; explain below

OTHER

In studio

FACULTY

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

Ryan Tacata, Erika Latta, James Long and Young Joo Lee who joins as CFL in Fall 2023.

WQB DESIGNATION

(attach approval from Curriculum Office)

n/a

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of CA 123, 131, 146, 152, 161, 171.



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.

n/a

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.

n/a

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.

n/a

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.]

n/a

FEES

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

Erika Latta, James Long and Ryan Tacata



COURSE SUBJECT CA NUMBER 356

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

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

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.
The second of two courses focused on the experiential production of space, Environments II introduces students to contemporary practices, concepts and methods specific to creating site specific and responsive performance.

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
We are modifying the names and descriptions of our courses to reflect our broader approach to contemporary performance making to include performance locations and/or spaces that exist beyond traditional theatres, including the digital realm. Environments I and II focus on the experiential production of space in and through performance making. From site specificity, digital technologies, site-responsive, immersive, site-adaptive and staged ecologies, students will research, experiment and create original works in response for specific sites in their second and third years.



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? [x] Required [] Elective

What is the probable enrollment when offered? Estimate: 20

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture [] Seminar [] Tutorial [] Lab 6 Other; explain below

OTHER

In studio

FACULTY

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

Ryan Tacata, Erika Latta, James Long and Young Joo Lee who joins as CFL in Fall 2023.

WQB DESIGNATION

(attach approval from Curriculum Office)

n/a

PREREQUISITE AND / OR COREQUISITE

CA 256



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.

n/a

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.

n/a

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.

n/a

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.]

n/a

FEES

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

Erika Latta, James Long and Ryan Tacata

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 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? [x] Required [] Elective

What is the probable enrollment when offered? Estimate: 20

UNITS Indicate number of units: 3

Indicate no. of contact hours: [] Lecture [] Seminar [] Tutorial [] Lab 6 Other; explain below

OTHER

In studio

FACULTY

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

Ryan Tacata, Erika Latta, James Long and Young Joo Lee who joins as CFL in Fall 2023.

WQB DESIGNATION

(attach approval from Curriculum Office)

n/a

PREREQUISITE AND / OR COREQUISITE

CA 253, CA 355, CA 356, CA 357W



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.

n/a

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.

n/a

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.

n/a

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.]

n/a

FEES

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

Erika Latta, James Long and Ryan Tacata



COURSE SUBJECT CA NUMBER 452

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

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

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.
Supports the production and presentation of Capstone Projects from the Theatre & Performance area. These projects are student-led and grounded in their unique creative research on emergent and individualized methodologies for contemporary performance making. Projects supported range from collaborative ensemble creations to solo performances.

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 Creative Research/Capstone pairing, where fourth year students conceive and develop a new work of performance, differentiates SFU's performance program from other theatre and performance-focused programs in Canada. Over two consecutive courses (451 and 452) fourth year students will review and develop their emergent performance practice into a final Capstone Project. 'Creative Research' has, within recent years, developed as a significant framing of contemporary art practice and support in Canada and abroad. By asking students to integrate research-creation methods from the two Context courses with the broad range of techniques from their interdisciplinary studios, this pair of courses provides a platform for final year students to critically and creatively articulate their individual methodologies for contemporary performance and create a public facing performance or event.



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? [x] Required [] Elective

What is the probable enrollment when offered? Estimate: 20

UNITS Indicate number of units: 5

Indicate no. of contact hours: [] Lecture [] Seminar [] Tutorial [] Lab 6 Other; explain below

OTHER

Studio

FACULTY

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

Ryan Tacata, Erika Latta, James Long and Young Joo Lee who joins as CFL in Fall 2023.

WQB DESIGNATION

(attach approval from Curriculum Office)

n/a

PREREQUISITE AND / OR COREQUISITE

CA 451



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.

n/a

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.

n/a

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.

n/a

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.]

n/a

FEES

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

Erika Latta, James Long and Ryan Tacata

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 2023

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

Other (describe) Course can be offered in any semester

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

What is the probable enrollment when offered? Estimate: 1

UNITS

Indicate number of units: 3

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

OTHER

IND

FACULTY

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

All professors (at all ranks) in the Department of Earth Sciences.

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Permission of the department. Normally taken after completion of 300-level program requirements.



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.]

FEES

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

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

Students successfully completing this course will be able to:

1. Structure a research project and establish hypotheses to be tested by data acquisition and its analysis.
2. Employ analytical techniques for accurate acquisition of data. Develop a protocol for data collection and its interpretation.
3. Develop multiple working hypotheses that can be evaluated in the light of the available dataset.
4. Be able to rank a range of possible interpretations for a given dataset. Be able to identify additional lines of investigation and propose directions of future research.
5. Write an organized research report that explains the research objectives, the hypotheses to be tested, the methodology employed for data collection, the bases for data interpretation, and a discussion of the research outcomes and direction of future work.



RESOURCES

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

The course can be run within any of the existing EASC labs. No additional resources are required.

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

James A. MacEachern