SFU OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC

8888 University Drive,   TEL: 778.782.4636   avpcio@sfu.ca
Burnaby, BC   FAX: 778.782.5876   www.sfu.ca/vpacademic
Canada V5A 1S6

MEMORANDUM

ATTENTION	Senate	**DATE**	March 4, 2016
FROM	Mark Lechner, Acting Chair	**PAGES**	1/1
	Senate Committee on		
	Undergraduate Studies		
RE:	Faculty of Communication, Art and Technology (SCUS 16-09)		

For information:

Acting under delegated authority at its meeting of March 3, 2016 SCUS approved the following curriculum revisions effective Fall 2016.

1. <u>School for the Contemporary Arts (SCUS 16-09a)</u>

    (i) Description change for FPA 270 and 271
    (ii) Prerequisite change for FPA 327 and 425

2. <u>School of Communication (SCUS 16-09b)</u>

    (i) Requirement changes for continuance for the Communications Major, Minor and Extended Minor programs
    (ii) Upper Division requirement changes to the CMNS Honours and Major programs
    (iii) Title and description change to CMNS 258, 259 and 359

3. <u>School of Interactive Arts and Technology (SCUS 16-09c)</u>

    (i) New Course Proposal: IAT 359-3, Mobile Computing
    (ii) Upper division requirement changes to the Interactive Arts and Technology Major and Honours Program, Bachelor of Science
    (iii) Credit change to IAT 488
    (iv) Calendar changes to the continuance policy

SIMON FRASER UNIVERSITY   ENGAGING THE WORLD

FACULTY OF COMMUNICATION, ART AND TECHNOLOGY
Office of the Dean

Harbour Centre 7410   TEL 778.782.8790   www.fcat.sfu.ca
515 West Hastings Street   FAX 778.782.8789
Vancouver, BC, V6B 5K3

MEMORANDUM

ATTENTION	Gordon Myers, Chair Senate Committee on Undergraduate Studies	**DATE**	February 9, 2016
FROM	Martin Gotfrit, Chair Undergraduate Curriculum Committee Faculty of Communication, Art, and Technology	**PAGES**	41, including cover memo
RE:	SCUS, February 2016 meeting		

On February 1st, 2016, the Faculty of Communication, Art and Technology Undergraduate Curriculum Committee approved the following curricular revisions:

- **School for the Contemporary Arts**
  FPA 270, Description Change
  FPA 271, Description Change
  FPA 327, Prerequisite Change
  FPA 425, Prerequisite Change

- **School of Communication**
  Calendar language (declaration & continuance) of CMNS Major
  Calendar language (declaration & continuance) of CMNS Minor
  Calendar language (declaration & continuance) of CMNS Extended Minor
  Calendar language (UD & W requirements) for CMNS Honours
  Calendar language (UD & W requirements) for CMNS Majors
  Course title & description changes for CMNS 258
  Course title & description changes for CMNS 259
  Course title & description changes for CMNS 359

- **School of Interactive Arts and Technology**
  IAT 359, New Course Proposal
  IAT 488, Credit Change
  Calendar Change to admissions language in regards to post-secondary transfer students
  Continuance Policy

Please place these items on the next meeting of SCUS.

Martin Gotfrit

SFU SCHOOL FOR THE CONTEMPORARY ARTS

Simon Fraser University Woodward's   TEL 778.782.3363   Email: ca@sfu.ca
Goldcorp Centre for the Arts
149 West Hastings Street
Vancouver BC V6B 1H4

MEMORANDUM

ATTENTION	Martin Gotfrit	**DATE**	January 2016
	Faculty of Communication, Art and Technology		
	Undergraduate Curriculum Committee		
FROM	Rob Kitsos, Chair	**PAGES**	4
	School for the Contemporary Arts		
	Undergraduate Curriculum Committee		
RE:	Curriculum Revisions		

At its meeting of September 18th, the School for the Contemporary Arts approved the attached curricular revisions: (summary of listings either in quotations)

- **Description Changes FPA 270, 271**
- **Prerequisite Changes FPA 327, 425**

Would you please place this/these proposal(s) on the agenda of the next meeting of the Faculty of Communication, Art and Technology Undergraduate Curriculum Committee?

Thank you,

Rob Kitsos
Chair, School for the Contemporary Arts
Undergraduate Curriculum Committee

| COURSE SUBJECT | FPA | NUMBER | 270 | TITLE | Production Ensemble I |

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

	Course number		Credit		Title	x	Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

a.

Students having a basic familiarity with elements of production and design participate in an in-depth theoretical and practical exploration of ~~stage management,~~ staging, audio and lighting for theatre, dance and music production. Assignments will be conducted in class and through practicum work on productions. May be of particular interest to students in other departments. May repeat for credit. Prerequisite: FPA 170.

SAMPLE

POL 223 ~~Canadian~~ American Political Economy (3)

~~An introductory study of~~ America's ~~Canada's~~ political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

A recent restructuring of FPA 270 and 271 allocated instruction in staging, audio and lighting exclusively into FPA 270 and instruction in stage and production management into FPA 271. The edits to the course description reflects these changes.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

~~Spring~~ 2016   FALL

More space if needed.

| COURSE SUBJECT | FPA | NUMBER | 271 | TITLE | Production Ensemble II |

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

	Course number		Credit		Title	X	Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

a. Students having a basic familiarity with elements of production and design participate in an in-depth theoretical and practical exploration of stage and production management, staging, audio and lighting for theatre, dance and music production. Students in this class will develop skills necessary to provide technical support for the School's productions. Assignments will be conducted in class and through practicum work on productions. May be of particular interest to students in other departments. May repeat for credit. Prerequisite: either FPA 170 or FPA 171, or permission from instructor.

SAMPLE

POL 223 Canadian American Political Economy (3)

An introductory study of America's Canada's political economy, stressing the interrelated nature of Canada's economic and political life. The course Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

This course is identical to CNS 280 and students cannot take both courses for credit. Students with credit for CNS 280 cannot take POL 223 for further credit.

RATIONALE

If more space is needed, please use the provided tet box

A recent restructuring of FPA 270 and 271 allocated instruction in staging, audio and lighting exclusively into FPA 270 and instruction in stage and production management into FPA 271. The edits to the course description reflects these changes.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2016   FALL

January 2015

SFU

| COURSE SUBJECT | FPA | NUMBER | FPA 327 | TITLE | Repertory II |

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

	Course number		Credit		Title		Description	X	Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

1. Indicate deleted or changed text using ~~strikethrough~~.
2. Indicate added or new text using <u>underline</u>.
3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

One of two courses which provide advanced level dance students with the opportunity to work as an ensemble rehearsing and preparing for a series of public performances. Choreography will be created and/or selected by a faculty director. Prerequisite: Acceptance into the dance major or extended minor and prior approval. Corequisite: students must be concurrently enrolled in a technique course at an appropriate level. <u>These courses include 220, 320, 322, 420, and 421.</u>

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

The dance area is adding the specific technique courses listed as co-requisites for FPA 327. This will improve the coding when students register for the course.

EFFECTIVE TERM AND YEAR, FOR CHANGES

| ~~Summer~~ 2016   FALL |

January 2015

SFU SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

COURSE SUBJECT	FPA	NUMBER	FPA 425	TITLE	Intensive Studies in Performance

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

	Course number		Credit		Title		Description	X	Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

1. Indicate deleted or changed text using ~~strikethrough~~.
2. Indicate added or new text using underline.
3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

Advanced performance studies in intensive specialized workshops and/or participation in choreographic projects culminating in public performance. Course content may include interdisciplinary collaborations and a variety of performance styles and techniques. May repeat for credit. Prerequisite: FPA 326 or 327 with prior approval by application. Students must be concurrently enrolled in a dance technique course at the appropriate level. These courses include 220, 320, 322, 420, and 421.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

The dance area is adding the specific technique courses listed as co-requisites for FPA 425. This will improve the coding when students register for the course.

EFFECTIVE TERM AND YEAR, FOR CHANGES

~~Summer~~ 2016   FALL

January 2015

School of Communication
Simon Fraser University
K9671-8888 University Drive   TEL 778.782.3687   www.cmns.sfu.ca/
Burnaby, BC V5A 1S6 Canada   ALT 778.782.3117

MEMORANDUM ————————————————————————————————

ATTENTION	Martin Gotfrit, Chair	**DATE**	27 January 2016
	Faculty of Communication, Art and Technology		
	Undergraduate Curriculum Committee		
FROM	Dave Murphy, Chair	**RE**	Curricular Revisions
	School of Communication		
	Undergraduate Studies Curriculum Committee		

At its meetings of 25 November 2015 and 27 January 2016, the School of Communication approved the attached curricular revisions:

- Calendar language (declaration & continuance) of CMNS Major.
- Calendar language (declaration & continuance) of CMNS Minor.
- Calendar language (declaration & continuance) of CMNS Extended Minor.
- Calendar language (UD & W requirements) for CMNS Honours.
- Calendar language (UD & W requirements) for CMNS Majors.
- Course title & description changes for CMNS 258-3.
- Course title & description changes for CMNS 259-3.
- Course title & description changes for CMNS 359-4.

Would you please place these items on the agenda of the next meeting of the FCAT Undergraduate Curriculum Committee?

Thank you,

Dave Murphy
Chair, School of Communication
Undergraduate Curriculum Committee

School of Communication
Declaration & Continuance of CMNS MAJORS
(changes are in **BOLD** and <u>Underlined</u>)

From	To
Communication Major **Admission Requirements** Internal University transfer requires a 2.50 or better CGPA, upon completion of at least 4 CMNS lower division courses (e.g., CMNS 110 and 130 and 2 CMNS 200-level courses), each with minimum C- grade. A minimum 2.25 CGPA is required to remain in good standing in the program. CMNS course enrolment requires a C- grade or better in each prerequisite course. A minimum 2.25 CGPA and approval as a communication honours, major, joint major, extended minor, minor, or dialogue minor is required for entry into most communication upper division courses.	**Communication Major** **Admission Requirements** Internal University transfer requires a 2.50 or better **Communication (CMNS) GPA,** upon completion of at least **2 CMNS lower division courses at SFU, each with minimum C- grade.** A minimum 2.25 **CMNS GPA** is required to remain in good standing in the program. CMNS course enrolment requires a C- grade or better in each prerequisite course. A minimum 2.25 **CMNS GPA** and approval as a communication honours, major, joint major, extended minor, minor, or dialogue minor is required for entry into most communication upper division courses.

<u>Rationale:</u>
Reduction of required courses for internal transfers will encourage students to declare their major earlier in their degree process. Assessing students based on the Communication GPA as opposed to Cumulative GPA is consistent with other units in FCAT.

For: ***Fall 2016 Calendar***

Passed at CMNS USC meeting on 25 November 2015.

School of Communication
Declaration & Continuance of CMNS MINORS
(changes are in **BOLD** and **Underlined**)

From	To
Communication Minor **Admission Requirements** Admission is subject to enrolment limitations. Applicants will have a minimum 2.50 cumulative grade point average (CGPA) or transfer grade point average (GPA) upon completion of the lower division requirements. A minimum 2.25 CGPA is required to remain in good standing in the program.	**Communication Minor** **Admission Requirements** Admission **is based on a grade point average of Communication courses (CMNS GPA).** Applicants will have a minimum 2.50 **Communication grade point average (CMNS GPA)** or transfer grade point average (GPA) upon completion of the lower division requirements. A minimum 2.25 **CMNS GPA** is required to remain in good standing in the program.

Rationale:
Assessing students based on the GPA of courses taken within Communication as opposed to Cumulative GPA is consistent with other units in FCAT.

FOR: *Fall 2016 Calendar*

Passed at CMNS USC meeting on 25 November 2015.

School of Communication
Declaration & Continuance of CMNS EXTENDED MINORS
(changes are in **BOLD** and <u>Underlined</u>)

From	To
Communication Extended Minor **Admission Requirements** **Enrolment Limitations and Admission** Admission is subject to enrolment limitations. Applicants will have a minimum 2.50 cumulative grade point average (CGPA) or transfer CGPA upon completion of the lower division requirements. A minimum 2.25 CGPA is required to remain in good standing in the program.	**Communication Extended Minor** **Admission Requirements** Admission **<u>is based on a grade point average of Communication courses (CMNS GPA).</u>** Applicants will have a minimum 2.50 **<u>Communication grade point average (CMNS GPA)</u>** or transfer grade point average (GPA) upon completion of the lower division requirements. A minimum 2.25 **<u>CMNS GPA</u>** is required to remain in good standing in the program.

<u>**Rationale:**</u>
Assessing students based on the GPA of courses taken within Communication as opposed to Cumulative GPA is consistent with other units in FCAT.

For: *Fall 2016 Calendar*

Passed at CMNS USC meeting on 25 November 2015.

School of Communication UD & W Requirements for <u>CMNS Honours</u>

For Fall 2016 Calendar (changes are in **Bold and <u>Underlined</u>**)

FROM (effective Summer 2016 Calendar)	To (for Fall 2016 Calendar)
Option A: Honours Project Upper Division Requirements Students may enroll in upper division courses only when prerequisites have been completed. A minimum total of 60 upper division units is required. This includes the required upper division CMNS courses, any additional upper division CMNS courses completed, and any upper division courses completed to fulfil the required 40 units outside the school (see External Requirements below). Students complete seven upper division CMNS courses (at least 30 units), at least two of which are 400 division CMNS courses. At least four (4) of these courses (minimum 16 units) must be taken at SFU, including at least one (1) 400 division CMNS course. Directed study and field placement courses may not be used to meet this requirement. Included in these units, students must complete one of CMNS 362 - Evaluation Methods for Applied Communication Research (6) CMNS 363 - Approaches to Media and Audience Research (6)	<u>**Upper Division Requirements for Honours**</u> Students may enroll in upper division courses only when prerequisites have been completed. Directed study and field placement courses may not be used to meet any of these requirements. <u>**There are two options for students to complete an Honours Program in Communication.**</u> **Option A: Honours Project** A minimum total of 60 upper division units is required**<u>, to include the following:</u>** • seven upper division CMNS courses, at least four must be taken at SFU. • minimum of two 400 level CMNS courses, at least one must be taken at SFU. • <u>**CMNS 304W or 323W**</u> • CMNS 362 or CMNS 363 • CMNS 497 - Honours Research Proposal (5)* • CMNS 498 - Honours Research Project (10)** *Students must complete at least 90 units

Also, CMNS 304W or 323W are strongly recommended because the completion of one of these courses will entirely satisfy the University's upper division writing requirements (See Writing, Quantitative, and Breadth Requirements below).

Honours Project
As well, students pursuing this option produce an honours project by completing both of

CMNS 497 - Honours Research Proposal (5)
CMNS 498 - Honours Research Project (10)

Students must have completed at least 90 units with at least 20 units in upper division communication before enrolling in CMNS 497. A plan must be approved by the faculty member supervisor(s) and the honours co-ordinator before work is begun. A pamphlet describing the honours project requirements can be obtained from the school's general office and website.

Students must obtain a grade of B or better in CMNS 497 in order to continue on with CMNS 498. Students who obtain a grade of B- or lower in CMNS 497, but who still have an overall CGPA of 3.00 or better, can still complete an honours degree through Option B: Additional Upper Division Requirements, in which case CMNS 497 would count as one of the required six (6) CMNS 400-division courses.

Option B: Additional Upper Division Requirements

Students may enroll in upper division courses only when prerequisites have been completed.

*Students must complete at least 90 units with at least 20 units in upper division communication before enrolling in CMNS 497. A plan must be approved by the faculty member supervisor(s) and the honours co-ordinator before work is begun.

**Students must obtain a grade of B or higher in CMNS 497 in order to continue on with CMNS 498.

*Students who obtain a grade of B- or lower in CMNS 497, but who still have an overall CGPA of 3.00 or higher, can still complete an honours degree through Option B.

External Requirements

Students must complete two upper division courses (minimum three units each) outside of Communication, with a minimum C-grade in each. **Courses used to satisfy this requirement may also be used to satisfy the upper division course requirements for another program (major or minor)**

Option B: Additional Upper Division Requirements

A minimum total of 60 upper division units is required**, to include the following:**

A minimum total of 60 upper division units is required. This includes the required upper division CMNS courses, any additional upper division CMNS courses completed, and any upper division courses completed to fulfil the required 40 units outside the school (see External Requirements below).

Students complete eleven upper division CMNS courses (at least 46 units), at least six of which are 400 division CMNS courses. At least eight (8) of these courses (minimum 32 units) must be taken at SFU, including at least five (5) 400 division CMNS courses.

Directed study and field placement courses may not be used to meet this requirement.

Included in these units, students must complete one of

CMNS 362 - Evaluation Methods for Applied Communication Research (6)
CMNS 363 - Approaches to Media and Audience Research (6)

Also, CMNS 304W or 323W are strongly recommended because the completion of one of these courses will entirely satisfy the University's upper division writing requirements (See Writing, Quantitative, and Breadth Requirements below).

External Requirements

In addition to the specified CMNS courses, students complete at least 40 units from disciplines other than communication including the following:

- o eleven upper division CMNS courses, at least eight (8) must be taken at SFU.
- minimum of six 400 level CMNS courses, at least five must be taken at SFU.
- **CMNS 304W or 323W**
- CMNS 362 or CMNS 363

External Requirements

Students must complete two upper division courses (minimum three units each) outside of Communication, with a minimum C-grade in each. **Courses used to satisfy this requirement may also be used to satisfy the upper division course requirements for another program (major or minor)**

Two 3-unit breadth-humanities (B-HUM) courses, **and** two 3-unit breadth-social sciences (B-SOC) courses, with a minimum C- grade in each. All 4 courses must be from outside Communication. (CMNS 110 does not count in this area.) Two 3-unit breadth-science (B-SCI) courses with a minimum C- grade in each. Two upper division courses (minimum 3 units each) chosen from any department outside Communication, with minimum C-grades in each. Note that no course may be used to satisfy more than two of the above requirements; for example, an upper division breadth-science course may be used as one of the two B-SCI courses required, and one of the two upper division non-CMNS courses required.	

Rationale:
Specify which Upper Division W CMNS course must be completed, to align with University Policy.
Clean-up and remove duplicate calendar language so that it easier for students to understand.
Clarify the external upper division requirements for the program.

*For: **Fall 2016 Calendar***

Passed at CMNS USC meeting on 27 January 2016.

School of Communication UD & W Requirements for <u>CMNS MAJORS</u>

For Fall 2016 Calendar (changes are in **Bold and <u>Underlined</u>**)

FROM (effective Summer 2016 Calendar)	To (for Fall 2016 Calendar)
Upper Division Requirements Students may enroll in upper division courses only when prerequisites have been completed. A minimum total of 44 upper division units is required. This includes the required upper division CMNS courses, any additional upper division CMNS courses completed, and any upper division courses completed to fulfil the required 40 units outside the school (see External Requirements below). Students complete seven upper division CMNS courses (at least 28 units), at least two of which are 400 division CMNS courses. At least four (4) of these courses (minimum 16 units) must be taken at SFU, including at least one (1) 400 division CMNS course. Directed study and field placement courses may not be used to meet this requirement. Also, CMNS 304W or 323W are strongly recommended because the completion of one of these courses will entirely satisfy the University's upper division writing requirement. (See Writing, Quantitative, and Breadth Requirements below.)	**Upper Division Requirements** Students may enroll in upper division courses only when prerequisites have been completed. A minimum total of 44 upper division units is required**, to include the following:** • seven upper division CMNS courses, at least four must be taken at SFU. • minimum of two 400 level CMNS courses, at least one must be taken at SFU. • **<u>CMNS 304W or 323W</u>** Directed study and field placement courses may not be used to meet any of the above upper division requirements. External Requirements

| External Requirements

In addition to the specified CMNS courses, students complete at least 40 units from disciplines other than communication including the following.

  Two 3-unit breadth-humanities (B-HUM) courses, **and** two 3-unit breadth-social sciences (B-SOC) courses, with a minimum C-grade in each. All 4 courses must be from outside Communication. (CMNS 110 does not count in this area.)

  Two 3-unit breadth-science (B-SCI) courses with a minimum C-grade in each.

  Two upper division courses (minimum three units each) chosen from any department outside the school, with a minimum C- grade in each.

Note that no course may be used to satisfy more than two of the above requirements; for example, an upper division breadth-science course may be used as one of the two B-SCI courses required, and one of the two upper division non-CMNS courses required.	Students must complete two upper division courses (minimum three units each) outside of Communication, with a minimum C-grade in each. **Courses used to satisfy this requirement may also be used to satisfy the upper division course requirements for another program (major or minor).**

Rational:
Specify which Upper Division W CMNS course must be completed, so that it aligns with University Policy.
Clean-up and remove duplicate calendar language so that it easier for students to understand.
Clarify the external upper division requirements for the program.

*For: **Fall 2016 Calendar***

Passed at CMNS USC meeting on 27 January 2016.

SFU

SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

COURSE SUBJECT	CMNS	NUMBER	258	TITLE	Introduction to Electroacoustic Communication

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

Course number		Credit	X	Title	X	Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

1. Indicate deleted or changed text using ~~strikethrough~~.
2. Indicate added or new text using underline.
3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

CMNS 258 ~~Introduction to Electroacoustic Communication~~ History of Sound in Media (3)

An introduction to <u>audio representation technology and a survey of the history of major sound-based media, including a discussion of the way sound design conventions have developed over time. Students both analyze sound in media and create audio-based applied projects.</u> ~~the audio medium as a communication tool and to electroacoustic aspects of communication in general.~~ Specific techniques of field recording, interviewing, editing, sound processing, multi-tracking, and basic digital ~~studio~~ <u>audio</u> techniques will be ~~presented~~ <u>explored</u> using the school's studio facilities.

Breadth-Humanities/Social Sciences.

SAMPLE

POL 223 ~~Canadian~~ <u>American</u> Political Economy (3)

~~An introductory study of~~ <u>America's</u> ~~Canada's~~ political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ <u>Focuses</u> on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~
<u>Students with credit for CNS 280 cannot take POL 223 for further credit.</u>

~~Recommended~~ <u>Pre-requisite:</u> POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE (If more space is needed, please use the provided text box on page 2 of this document)

New course title and description reflects more accurately what the course content is about and fits better within the spectrum of existing Communication courses.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

SFU

SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

COURSE SUBJECT	CMNS	NUMBER	259	TITLE	Acoustic Dimensions of Communication I

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

Course number		Credit	X	Title	X	Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

1. Indicate deleted or changed text using ~~strikethrough~~.
2. Indicate added or new text using <u>underline</u>.
3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

CMNS 259 ~~Acoustic Dimensions of Communication I~~ <u>Sound Studies I: Listening, Culture and Society</u> (3)

<u>An introduction to sound as a communications medium and listening as a cultural as well as perceptual practice.</u> <u>D</u>esigned to develop the student's perception and understanding of sound and its behaviour in the interpersonal, social, environmental, media and creative fields. <u>Explores a variety of cultural themes related to sound and listening</u> ~~The acoustic and psychoacoustic bases of sound will be introduced~~ with special reference to acoustic design~~, the electroacoustic media,~~ and sonic environments.

Breadth-Social Sciences/Humanities.

SAMPLE

POL 223 ~~Canadian~~ <u>American</u> Political Economy (3)

~~An introductory study of~~ <u>America's</u> ~~Canada's~~ political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ <u>F</u>ocuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~
<u>Students with credit for CNS 280 cannot take POL 223 for further credit.</u>

~~Recommended~~ <u>Pre-requisite:</u> POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE

New course title and description reflects more accurately and accessibly what the course content is about.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

SFU

COURSE SUBJECT	CMNS	NUMBER	359	TITLE	Acoustic Dimensions of Communication II

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

Course number		Credit	X	Title	X	Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

1. Indicate deleted or changed text using ~~strikethrough~~.
2. Indicate added or new text using <u>underline</u>.
3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

CMNS 359 ~~Acoustic Dimensions of Communication II~~ <u>Sound Studies II: Researching with Sound</u> (4)

<u>Building on Sound Studies I (CMNS 259), this seminar and lab course is designed to support intermediate level project work in the field of sound studies using communications approaches as well as reflexive ethnography.</u> ~~The course~~ <u>S</u>urveys a wide range of theory and research practices associated with orality and oral communication, auditory perception, systems for measurement and evaluation of sound, soundwalking and sound art practice, audio techniques and formats in music production, sound design, soundmapping hearing prostheses, and data sonification. ~~A special topics course and small class work group at an intermediate level in acoustic communication dealing intensively with specific problems in psychoacoustics, acoustic design, soundscape studies, noise in the community, acoustic aspects of social organization, the acoustic aspects, language and interpersonal communication, electronic sound production, media analysis, theories of sound cognition, and information processing.~~

Prerequisite: CMNS 259.

SAMPLE

POL 223 ~~Canadian~~ <u>American</u> Political Economy (3)

~~An introductory study of~~ <u>America's</u> ~~Canada's~~ political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ <u>F</u>ocuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~
<u>Students with credit for CNS 280 cannot take POL 223 for further credit.</u>

~~Recommended~~ <u>Pre-requisite</u>: POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

New course title and description reflects more accurately what the course content is about and emphasizes the applied research aspect of the course.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

SFU

MEMORANDUM

ATTENTION	Martin Gotfrit, FCAT UCC Chair	**DATE**	January 28, 2016
FROM	Chantal Gibson, SIAT UCC Chair	**PAGES**	1
RE:	SIAT Items for Approval at February FCAT UCC		

Dear Martin,

Kindly place the following items on the agenda for the next FCAT UCC meeting on Monday, February 1, 2016.

1. On Tuesday December 15, 2015, the SIAT UCC approved a motion *to approve a new course IAT359 Mobile Computing and add it to the Interactive Systems concentration.* The SIAT Faculty approved this motion on Wednesday January 27, 2016. The new course form, calendar language updates and supporting course information are attached to this memo.

2. On Tuesday January 12, 2016, the SIAT UCC approved the following:

    a. a motion *to amend the credits for IAT488 from 3 credits to 1, 2, 3, 4, 5, 6 credits.*

    b. a motion *to strike 'Students apply to the program after completing 18 units of the lower division requirements listed below, or equivalent' from the Admissions language from the SFU academic calendar and adopt 'Students apply to the program with the following: English language admission requirement, quantitative and analytical skills requirement, minimum 24 units of transferable course work including 1 first year computer programming course (equivalent to SFU's CMPT 120, 125, 126, 128, 130, 135 or 166); 1 first year Calculus course or 1 first year MACM course; and 1 first year English course.'*

3. On Monday Wednesday January 28, 2016, the SIAT UCC approved the following:

    a. a motion *that the School of Interactive Arts and Technology adopt the following continuance policy to the **Program Requirements** section of the SFU Calendar.* (Policy is attached.)

All necessary documents and supporting materials are attached to this memo. If you require further information, please contact me at Chantal_gibson@sfu.ca. I look forward to seeing you at the meeting.

COURSE SUBJECT | Interactive Arts and Technology | **NUMBER** | IAT 359

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

Mobile Computing

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

Mobile Computing

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 course provides students with~~ an introduction to mobile computing and the development of applications for mobile environments. The three areas that will be covered in the course are mobile technologies, application development and user interaction in a mobile setting. Students will make use of mobile application frameworks and development environments to develop their own application and project, while reinforcing the concepts covered in the lectures. Topics covered include mobile development environments, user interfaces, user experience and application development guidelines, gesture recognition, location, sensors, and graphics, and other, as will be outlined in the weekly schedule.

REPEAT FOR CREDIT ☐ YES ☒ NO How many times? ☐ 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 servwes as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

Library review done? | Approved

RATIONALE FOR INTRODUCTION OF THIS COURSE

This course complements the set of courses in the SIAT Interactive Systems concentration. It has been offered as a special topics course (IAT 381 - Mobile Computing) for the past three years. Taught successfully by Helmine Serban, the course has gained a tremendous reputation amongst students and industry for being relevant and engaging. Offered two times a year, the course has an anticipated enrollment of 48 students per class.

SCHEDULING AND ENROLLMENT INFORMATION

Term and year course would first be offered (e.g. FALL 2016) 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: 48

UNITS

Indicate number of units: 3

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

OTHER

FACULTY

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

Helmine Serban, Eric Yang

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

48 units

EQUIVALENT COURSES

Does this course replicate the content of a previously-approved course to such an extent that students should not receive credit for both courses?

FEES

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

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

After completing this course, students will be able to:

• Design and implement computing applications considering characteristics of mobile computing in the context of mobile architecture
• Apply application development guidelines to ensure a smooth user experience
• Integrate sensor capabilities of smartphones to support user experience

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 responsiblity 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

Helmine Serban and Chantal Gibson

**Calendar Entry Change: IAT Interactive Systems Concentration
Interactive Arts and Technology Major and Honours Program, Bachelor of
Science**

Rationale for change:

IAT 359 – Mobile Computing (3) has been added to the list of options for students pursuing an Interactive Systems Concentration.

Effective term and year: Fall 2016

The following program(s) will be affected by these changes:

Interactive Arts and Technology Major – Bachelor of Science
Interactive Arts and Technology Honours - Bachelor of Science

CURRENT	PROPOSED
Concentration in Interactive Systems	**Concentration in Interactive Systems**
Students in this concentration learn how to design and program interactive technology used in work, play and learning.	Students in this concentration learn how to design and program interactive technology used in work, play and learning.
This concentration emphasizes applying human-computer interaction principles to highly interactive applications, devices and systems.	This concentration emphasizes applying human-computer interaction principles to highly interactive applications, devices and systems.
Graduates will be able to conceive, design and program applications in areas such as the web, handheld devices and games.	Graduates will be able to conceive, design and program applications in areas such as the web, handheld devices and games.
Students who choose this concentration must complete all of	Students who choose this concentration <u>must complete six of</u>
IAT 351 - Advanced Human-Computer Interaction (3) IAT 352 - Internet Computing Technologies (3) IAT 355 - Introduction to Visual Analytics (3) IAT 410 - Advanced Game Design (3) IAT 452 - Developing Design Tools (3) IAT 455 - Computational Media (3)	IAT 351 - Advanced Human-Computer Interaction (3) IAT 352 - Internet Computing Technologies (3) IAT 355 - Introduction to Visual Analytics (3) <u>IAT 359 – Mobile Computing (3)</u> IAT 410 - Advanced Game Design (3) IAT 452 - Developing Design Tools (3) IAT 455 - Computational Media (3)
Upper Division Requirements	**Upper Division Requirements**
A major in Interactive Arts and Technology comprises 30 units of upper division IAT courses. These may include courses listed in the next section. Directed study and field school courses are not counted as part of the major requirements and are considered electives.	A major in Interactive Arts and Technology comprises 30 units of upper division IAT courses. These may include courses listed in the next section. Directed study and field school courses are not counted as part of the major requirements and are considered electives.
Students in this BSc program will complete 24 units chosen from the following	Students in this BSc program will complete 24 units chosen from the following
IAT 333 - Interaction Design Methods (3) IAT 336 - Materials in Design (3) IAT 437 - Representation and Fabrication (3) IAT 351 - Advanced Human-Computer Interaction (3) IAT 352 - Internet Computing Technologies (3) IAT 355 - Introduction to Visual Analytics (3) IAT 381 - Special Topics in Interactive Arts and Technology (Science) (3) IAT 410 - Advanced Game Design (3) IAT 432 - Design Evaluation (3) IAT 452 - Developing Design Tools (3) IAT 455 - Computational Media (3) IAT 481 - Special Topics in Interactive Arts and Technology (Science) (3)	IAT 333 - Interaction Design Methods (3) IAT 336 - Materials in Design (3) IAT 437 - Representation and Fabrication (3) IAT 351 - Advanced Human-Computer Interaction (3) IAT 352 - Internet Computing Technologies (3) IAT 355 - Introduction to Visual Analytics (3) IAT 359 – Mobile Computing (3) IAT 381 - Special Topics in Interactive Arts and Technology (Science) (3)

and any upper division course from computing science (CMPT), engineering science (ENSC), physiology and kinesiology (KIN), management and systems science (MSSC), mathematics (MATH), mathematics and computing science (MACM), cognitive science (COGS) or psychology (PSYC).	IAT 410 - Advanced Game Design (3) IAT 432 - Design Evaluation (3) IAT 452 - Developing Design Tools (3) IAT 455 - Computational Media (3) IAT 481 - Special Topics in Interactive Arts and Technology (Science) (3) and any upper division course from computing science (CMPT), engineering science (ENSC), physiology and kinesiology (KIN), management and systems science (MSSC), mathematics (MATH), mathematics and computing science (MACM), cognitive science (COGS) or psychology (PSYC).

SFU

SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

COURSE SUBJECT	IAT	NUMBER	488	TITLE	Directed Studies (1)

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please type 'X' for the appropriate revision(s):

Course number	X	Credit		Title		Description		Prerequisite		Deletion

WORDING/DESCRIPTION EDITS

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   a. Students with credit for x cannot take y for further credit.

SAMPLE

~~IAT 488 - Directed Studies (1)~~

Independent reading and research topics selected in consultation with individual members of the IAT faculty. Prerequisite: Completion of 69 units. No more than six units of Directed Studies may be taken, and permission of the instructor and school are required.

IAT 488 – Directed Studies (1-6)

POL 223 ~~Canadian~~<u>American</u> Political Economy (3)

~~An introductory study of~~<u>America's</u> ~~Canada's~~ political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~<u>Focuses</u> on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~
<u>Students with credit for CNS 280 cannot take POL 223 for further credit.</u>

~~Recommended~~<u>Pre-requisite:</u> POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

IAT 488 is not approved for multiple enrollments. There are a handful of students that require more than 1 DS unit, and less than 3. Allowing for variable units will provide more flexibility in meeting the needs of the students.

EFFECTIVE TERM AND YEAR, FOR CHANGES

FALL 2016

INSTRUCTIONS (OVERALL):

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2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
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WORDING/DESCRIPTION EDITS

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3. Equivalent courses: preclusion statement should read:
   a. Students with credit for x cannot take y for further credit.

Continuance Requirements:

All students who are successfully admitted to the School Interactive Arts and Technology are offered the status of "major" in either the Bachelor of Arts or Bachelor of Science. In order to remain in the major, all students are required to maintain a GPA in IAT courses of 2.40. Students that fall below the 2.40 IAT GPA will have a limited time (see process below) to bring up their average before losing their status in the major.

Students who lose their status in the IAT major will have the option of pursuing the extended minor as part of the double minor BA option through the Faculty of Communication Art and Technology. In extraordinary circumstances, the Student Affairs Coordinator, Undergraduate Curriculum Chair and Director of IAT will review academic continuance policy cases.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

A SIAT Continuance Policy will provide a mechanism that allows advisors to pro-actively have conversations with students about their academic success and goals. It will allow the school to better document student success, especially for internal and post-secondary transfers, and to enforce academic standards and degree integrity.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2016

RATIONALE