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MEMORANDUM

ATTENTION	Senate	DATE	February 4, 2022
FROM	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	PAGES	1/2
RE:	Course Changes (SCUS 22-08)		

For information:

Acting under delegated authority at its meeting of February 3, 2022 SCUS approved the following curriculum revisions effective Fall 2022.

a. Faculty of Arts and Social Sciences1. Department of Economics

(i) Title change for ECON 335

2. Department of French

(i) Prerequisite change for FREN 455

3. Department of Political Science

(i) Equivalent changes for SDA 270

b. Beedie School of Business

(i) Equivalent statement changes for BUS 200

(ii) Description and equivalent statement change for BUS 201

(iii) Title, description, and equivalent statement change for BUS 202

(iv) Title, description, prerequisite and unit number change for BUS 232

(v) Title, description and unit number change for BUS 336

(vi) Prerequisite change for BUS 360W

(vii) Title, units, description and prerequisite change for BUS 473 and 496

c. Faculty of Communication, Art and Technology

1. School for the Contemporary Arts

- (i) Title and description change for CA 122, 123, 124, 220, 221, 320, 324, and 420
- (ii) Title, description and prerequisite change for CA 421
- (iii) Title change for CA 321
- (iv) Course number, title, description, equivalent statement, and prerequisite change for CA 325
- (v) Title, units, description and prerequisite change for CA 425

2. Faculty of Environment

1. School of Resource and Environmental Management

- (i) Title and description change for PLAN 406

e. Faculty of Science

1. Department of Statistics and Actuarial Sciences

- (i) Description and equivalent statement changes to STAT 302 and 305
- (ii) Deletion of ACMA 440
- (iii) Description change for ACMA 340
- (iv) Equivalent statement changes for ACMA 470 and 475

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	ECON	NUMBER	335	TITLE	Introduction to Casual Inference and Policy Evaluation
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under Information about specific course components if changing equivalent statement(s).

~~Introduction to Casual Inference and Policy Evaluation~~ Cause and Effect in Economic Data ECON 335 (3)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

A typo in the current title ('casual' vs 'causal') prompted thinking about a change. Instructors thought 'Cause and Effect in Economics Data' was more representative of the course content and would be more attractive to students.



COURSE SUBJECT

FREN

455

TITLE

Special Topics in Indigenous Literatures in French and Translation

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

- Course number Units Prerequisite
- Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under Information about specific course components if changing equivalent statement(s).

Prerequisite: FREN 355 or departmental approval, FREN 230 or 240 or 245, FREN 301W, and at least one 300-level group B (lit.) course.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022



RATIONALE (must be included)

This change is to align with most 400-level courses which do not require more than would become the new prerequisites. This change is also required because of the hiring of our new specialist in Indigenous Literature, which allows for a more accurate definition of the prerequisites.



COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

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EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)



COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Explore the fundamentals of modern business and organizational management. Working with case studies, students will build upon the basics of revenue, profits, contribution and costs, as well as integrate advanced aspects of business models, innovation, competitive advantage, core competence, and strategic analysis. ~~Students with credit for BUS 130 or 201 may not receive further credit for this course.~~ Breadth-Social Sciences.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

As a result of the Program Review, curriculum changes are occurring with BUS 201 Introduction to Business and BUS 202 Foundations of Collaborative Work Environments, to make the learning outcomes of the introduction courses to the BBA - Major more aligned. Therefore, the introduction course for the Minor should no longer maintain an equivalency to BUS 201.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

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~~The management and operation of business, including the principles, concepts, ideas and tools used by managers. Management in the contemporary world of high technology is emphasized, featuring examples and cases involving high-tech firms. In addition, the course exposes students to international and local business issues, and to large companies as well as to smaller, entrepreneurial firms.~~

For the Business Administration Major – High School Stream - orients students to the Beedie School of Business and the academic expectations of the program. As a broad introduction to the study of business, students are introduced to the different disciplines and how each relates to global perspective, innovation, and social responsibility. Students explore the integration of these disciplines through experiential learning projects by engaging with, and further developing, interpersonal and collaboration skills in culturally diverse team environments.

~~Prerequisite: This course is only open to approved Business Administration majors admitted to the faculty through the Business Foundation Program - High School Stream. Students with credit for BUS 130 or 200 BUS 202 may not receive further credit for this course take this course for further credit. nor students with more than 30 units. Students with more than 30 units may not take this course.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

Rewording of the course description to better reflect the curriculum that is being taught and the program level curriculum goals that the BsB is expecting all courses to deliver.

COURSE SUBJECT	BUS	NUMBER	202	TITLE	Foundations for Collaborative Work Environments
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Title: ~~Foundations for Collaborative Work Environments~~ Foundations of Business

~~The demand for innovation in the context of a globalized workforce has raised the importance of developing collaborative skills and managing workplace diversity. Foundations for Collaborative Work Environments expands students' skills in effectively collaborating with others while participating in the Beedie Product Management Experience to achieve team and business objectives.~~

Business Administration Major – Transfer Stream. Orients students to the Beedie School of Business and the academic expectations of the program. Students explore the different disciplines and specializations within business and tune their prior business knowledge within the context of a global perspective, social responsibility, and innovation. Students explore the integration of these disciplines through experiential learning projects by engaging with and further developing interpersonal and collaboration skills in culturally diverse team environments.

Prerequisite: This course is only open to approved Business Administration majors, joint majors, or second degree students admitted to the faculty through the Business Foundation Program - Transfer Stream. Students with credit for BUS 130 or BUS 201 may not receive further credit for this course.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



Fall 2022

RATIONALE (must be included)

The rationale for this course modification is to align the course with the Undergraduate Program level learning goals that aligns to the Beedie School of Business calling.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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BUS 232 - Business Statistics ~~Data and Decisions I (4)~~ (3)

An introduction to business statistics (descriptive and inferential statistics) with a heavy emphasis on applications and the use of EXCEL. Students will be required to use statistical applications to solve business problems. ~~Prerequisite~~
Corequisite: MATH 150, MATH 151, MATH 154, or MATH 157, with a minimum grade of C-; 15 units. ~~MATH 150, MATH 151, MATH 154, or MATH 157 may be taken concurrently with BUS 232.~~ Students with credit for BUEC 232 or ECON 233 may not take this course for further credit. Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

As part of the undergraduate review of the BBA program, a change in the course title is necessary as there is no longer "Data and Decision I" and "Data and Decisions II". Likewise, a reduction of credits from 4 to 3 is required to align with all core courses in the revised BBA undergraduate program.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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BUS 336 – Data Analytics and Visualization ~~and Decisions II~~ (4) ~~(3)~~

Investigate data analytics, visualization, and modeling approaches relevant to business decisions. The course will investigate three important pillars of analytics including decision analytics, predictive analytics, and data visualization.

~~This course is an extension of BUS 232. It develops and applies the quantitative models that are most directly relevant to business decisions. Beginning with material on multiple regression and forecasting modeling, the course moves on to decision analysis, business simulation, quality control, and an introduction to optimization. Prerequisite: MATH 150, MATH 151, MATH 154, or MATH 157, with a minimum grade of C-; BUS 232, ECON 233, or STAT 270, with a minimum grade of C-; 45 units. Quantitative.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

As part of the undergraduate review of the BBA program, the former BUS 336 ("Data and Decisions II") has been removed from the core BBA program and is now an elective. The course content has been modified to reflect data analytics and visualization methods that are common to managerial applications across operations, finance, MIS and marketing. Likewise, a reduction of credits from 4 to 3 is required to align with all core courses in the revised BBA undergraduate program.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite

Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Helps students develop professional writing- and speaking-based communication strategies they can confidently adapt to a wide range of business situations. The course aims to raise their communication performance to a professionally acceptable level, rather than to memorize or theorize about communication knowledge: this is a "learn-by-doing" course. Students will improve their ability to conceptualize, analyze/evaluate, synthesize, and apply information to guide their thinking and finished products across various business contexts. As teamwork is a fundamental skill valued by employers, students will participate in a major team project to learn about and apply best practices for collaboration with respect to professional business communication. The primary means of instruction and learning is guided practice in both writing and presenting in response to realistic business contexts. Instruction and assessment focus on both the process of creating professional, finished products, as well as the quality of those products.

Prerequisite: This course is open to students admitted prior to Fall 2014 to the business administration major, honours, or second degree program and who have 45 units, OR to students admitted Fall 2014 - Summer 2017 to the business administration major, honours, or second degree program and who have 45 units and BUS 130 or (BUS 201 or BUS 202) or BUS 301, with a minimum grade of C-, OR to student admitted Fall 2017 - ~~onwards~~ Summer 2022 to the business administration major, honours, or second degree program and who have 45 units and BUS 130 or (BUS 201 or BUS 202) or BUS 301, with a minimum grade of C- and BUS 217W with a minimum grade of C-, OR to students admitted Fall 2022 onwards to the business administration major, honours, or second degree program, and who have 45 units; BUS 217W and (BUS 201 or BUS 202), both with a minimum grade of C-; and corequisite: BUS 300, OR to business administration joint major or joint honours students with BUS 217W with a minimum grade of C- and 45 units, OR to business and economics joint major students with ECON 220W with a minimum grade of C- and 45 units, OR to mechatronic systems engineering and business administration double degree students with 45 units, OR to management systems science or actuarial science majors with 45 units OR to data science major with BUS 217W with a minimum grade of C- and 45 units. Students who have taken BUS 360 may not take this course for further credit. Writing.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

FALL 2022

RATIONALE (must be included)

As a part of the Undergraduate Program Review, an introduction of the new course BUS 300-1 (Professional Development – Planning) has been incorporated into the undergraduate program. The course has been included as a co-req requirement for BUS 360W, ensuring that students are on track to complete the course prior to advancing to further upper division coursework.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

BUS 473 – Advanced Operations Management ~~(4)~~ (3)

~~The management of operating systems including allocation and scheduling of resources; control of costs, inventories, quality, and manpower; design of operating systems including location, layout and manpower; establishment of work methods and standards. Prerequisite: BUS 336, 360W, both with a minimum grade of C-; 60 units.~~

The systems approach to management of operations including the design, implementation, control and improvement of processes in order to grow social, environmental, and economic value for stakeholders involved in bringing goods and services to market. Prerequisite: BUS 373, BUS 360W, both with a minimum grade of C-; 60 units.

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EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

As part of recent major review of our BBA program, addition of a new course, BUS373 - Introduction to Operations and Supply Chain Management- is being considered as a core course for all BBA students. The revision of BUS 473 is suggested to minimize its overlap with the new course (BUS373), and to emphasize the focus of this course on systems approach in operations management to grow social, environmental, and economic value for stakeholders involved in bringing goods and services to market. This course will build on students learning at BUS 373 and will bring essential concepts and latest developments in the field from research and practice.

COURSE SUBJECT	BUS	NUMBER	496	TITLE	Selected Topics in Business Administration
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

~~BUS 496 Selected Topics in Business Administration (5)-Professional Development - Summit (1)~~

Final professional development course within the Bachelor of Business Administration enables students to think about what they have learned and experienced as part of their academic and learning journey. This course helps students to identify and explain their transformation as a learner and how that applies to their career journey and development.

~~The subject matter will vary from term to term depending upon the interests of faculty and students. Prerequisite: As stated by the faculty at the time of offering and BUS 360W with a minimum grade of C- ; 60 units.~~

Prerequisite: BUS 300; BUS 360W with a minimum grade of C-; 95 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

The Beedie School of Business has undergone a program review to bring the BBA in alignment with the calling. This final professional development course provides students the opportunity to look back on how they have grown and developed their own understanding of the program learning goals and how that their transformation as a student impacts and directs their transition from Beedie onto their chosen career path. Students will present on their experience to their peers who are just beginning to explore all the different concentrations within the program and incorporate that peer insight as part of their decision-making process. The presentation is an opportunity for students to begin to articulate the transferable skills and experiences acquired while completing the BBA, to a variety of different work environments and industries.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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From:

~~Contemporary Dance I (5)~~

~~First of two studio courses in contemporary dance and ballet technique. Introduces theoretical approaches to contemporary dance. This is one of four courses required for entry into the dance major and minor programs. Prerequisite: Prior approval as a result of an audition. Corequisite: CA 122 and CA 129 must be taken concurrently. Students with credit for FPA 122 may not take this course for further credit.~~

To

Dance Training and Movement Systems I (5)

First of two studio courses in contemporary dance, ballet and other movement techniques. This is one of four courses required for entry into the dance major and minor programs. Prerequisite: Prior approval as a result of an audition. Corequisite: CA 122 and CA 129 must be taken concurrently. Students with credit for FPA 122 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and editing the descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:

~~Contemporary Dance II (5)~~

Continues and expands on the work undertaken in CA (or FPA) 122. ~~Emphasizes work in contemporary dance and ballet technique with attention to theoretical approaches to contemporary dance.~~ Prerequisite: CA (or FPA) 122. Corequisite: CA 123 and CA 124 must be taken concurrently. Students with credit for FPA 123 may not take this course for further credit.

To

Dance Training and Movement Systems II (5)

Continues and expands on the work undertaken in CA (or FPA) 122. Emphasizes work in contemporary dance, ballet, and other movement techniques with attention to theoretical approaches to contemporary dance. Prerequisite: CA (or FPA) 122. Corequisite: CA 123 and CA 124 must be taken concurrently. Students with credit for FPA 123 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and editing the descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.



**COURSE
SUBJECT**

CA

NUMBER

124

TITLE

**Dance Improvisation and
Composition (3)**

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course
number

Units

Prerequisite

Title

Description

Equivalent
Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike-through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

EFFECTIVE TERM AND YEAR FOR CHANGES

From:

Dance Improvisation and Composition

~~Selected dance improvisational skills will be explored in a variety of solo, duet, small group and large group forms through structured movement themes.~~ Emphasis will be on sensory awareness, elements of movement, and composition. Recommended: dance or theatre experience. Students with credit for FPA 124 may not take this course for further credit.

To

Improvisation Tools and Scores

Movement improvisational skills will be explored in a variety of solo, duet, group forms through structured movement themes and scores. Emphasis will be on sensory awareness, elements of movement, and composition. Recommended: dance or theatre experience. Students with credit for FPA 124 may not take this course for further credit.

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

Fall 2022

The title and description edit is designed to sequence with the upper division courses in composition.

RATIONALE (must be included)

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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From:
~~Contemporary Dance III (4)~~
~~The first studio course in a series designed for students pursuing a major or extended minor in dance. Emphasizes work in contemporary dance and is designed to develop technical facility in movement and acquaint the student with form and style in contemporary dance.~~ Prerequisite: CA (or FPA) 122, 123, 124, 129 and prior approval by interview. Students with credit for FPA 220 may not take this course for further credit.

To
Dance Training and Movement Systems III (4)
A continuation of the work in CA 123, this course focusses on a range of movement forms and approaches to dance studio practice. Prerequisite: CA (or FPA) 122, 123, 124, 129 and prior approval by interview. Students with credit for FPA 220 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and editing the descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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From:

~~Contemporary Dance IV (4)~~

~~The second studio course in a series designed for students pursuing a major or extended minor in dance. Expands on the work undertaken in CA (or FPA) 220-4 Contemporary Dance III and aims to develop technical facility in movement and acquaint the student with form and style in contemporary dance. (studio). Prerequisite: CA (or FPA) 220. Students with credit for FPA 221 may not take this course for further credit.~~

To

Dance Training and Movement Systems IV (4)

A continuation of the work in CA 220, this course focuses on a range of movement forms and approaches to dance studio practice. (studio). Prerequisite: CA (or FPA) 220. Students with credit for FPA 221 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and editing the descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:

~~Contemporary Dance V (4)~~

~~The first of four upper division courses which build upon the movement vocabulary of contemporary dance.~~ Prerequisite: CA (or FPA) 221. Students with credit for FPA 320 may not take this course for further credit.

To

Dance Training and Movement Systems V (4)

The first of three upper division courses which build upon the movement vocabulary and practice of contemporary dance. Prerequisite: CA (or FPA) 221. Students with credit for FPA 320 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and editing the descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

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From:

CA 324 ~~New Dance Composition (3)~~

~~Students will be introduced to traditional choreographic structures and explore new directions in composition. Emphasis will be on the creation and analysis of work generated by extending the parameters of source, style and form in contemporary dance. Prerequisite: CA (or FPA) 124, 228W, 285. Students with credit for FPA 324 may not take this course for further credit. Quantitative.~~

To:

324- Approaches to Composition (3)

Focused on learning different *movement based* compositional methods used to make new work. Students will apply new compositional ideas, expanding and setting material in space and working with different approaches of music, light and sound. Students will work with peers from production and design and other areas to create specific projects. Prerequisite: CA (or FPA) 124, 228W, 285. Students with credit for FPA 324 may not take this course for further credit. Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

CA 324 will be maintaining the same content but changing the title to reflect the focus on composition and research that will integrate in the 4th year courses.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:

~~Contemporary Dance VII (4)~~

~~The third of four upper division courses which build upon the movement vocabulary of contemporary dance. Can only be repeated for credit once.~~

~~Prerequisite: CA (or FPA) 285 and CA (or FPA) 321.~~

To

Dance Training and Movement Systems VII (4)

The third upper division courses which build upon the movement vocabulary and practice of contemporary dance. Can be repeated twice for credit. Prerequisite:

CA (or FPA) 285 and CA (or FPA) 321.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles and descriptions of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT	CA	NUMBER	421	TITLE	Contemporary Dance VIII: Choreography Lab (4)
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:

~~Contemporary Dance VIII: Choreography Lab (4)~~

~~Continues and expands the work undertaken in CA (or FPA) 324. This process-oriented workshop will focus on choreographic strategies and devices used to develop dance works. Specific studies in movement generation, improvisation, partnering, spatial design and compositional structures will be explored. Prerequisite: CA (or FPA) 124 and 285. May repeat twice for credit.~~

To

Choreographic Lab(4)

Continues and expands on strategies undertaken in CA (or FPA) 324. Focused on guest artist or faculty research-this course is a process-oriented laboratory for artistic exploration. Students will engage in artistic research led by the guest or faculty artist and culminate in a showing at the end of the term. Prerequisite: CA (or FPA) 124, and 285, 324 and (326 or 327). Repeatable two times for credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

The title and description edit is designed to sequence with the upper division courses in composition. We also want to distinguish this class that focuses on choreography from the studio classes focused on movement form training. The course should be repeatable as the instructors and guest artists will always change.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:
~~Contemporary Dance VI (4)~~
Continues and expands upon the work undertaken in CA (or FPA) 320.
Prerequisite: CA (or FPA) 320. Students with credit for FPA 321 may not take this course for further credit.

To
Dance Training and Movement Systems VI (4)
Continues and expands upon the work undertaken in CA (or FPA) 320.
Prerequisite: CA (or FPA) 320. Students with credit for FPA 321 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

We are changing the titles of our technique classes to be more inclusive of a range of approaches to movement forms.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:

CA 325: ~~Special Projects in Dance Composition (3)~~

~~A specific topic or set of ideas will form the basis for choreographic exploration. Students will create one or more works and participate in research and critical analysis, depending on the particular topic in a given term. May be repeated twice for credit if the topic changes.~~

~~Prerequisite: 40 units in CA (or FPA) courses. Students with credit for FPA 325 may not take this course for further credit.~~

To:

CA 424 Making/Artistic Research (3)

Students are encouraged to focus their efforts on an individual practice and to develop new work mentored by faculty and guest artists. The research from this course will be carried over to the spring semester senior projects in CA 425. Part of the class will focus on documentation and approaches to building personal profiles. This course can be repeated once for credit.

Prerequisite: CA 324. Students with credit for CA 325 may not take this course for further this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

CA 424 will now be part of a series of courses leading to senior projects in dance. The original design for 325 was meant to be open to a wide range of approaches to research depending on faculty. The shift in title and description will focus the course on senior level dance majors preparing for senior projects in CA 425. The prerequisite change also follows the new design of the BFA in dance for a sequential approach to dance making.



COURSE SUBJECT	CA	NUMBER	425	TITLE	Intensive Studies in Performance (5)
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

From:
CA 425 Intensive Studies in Performance(5)
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: CA (or FPA) 285 and CA (or FPA) 326 or 327 with prior approval by application. Students must also be concurrently enrolled in a dance technique course at the appropriate level. These courses include CA 221, 321, 323, and 421.

To
CA 425 Intensive Studies in Performance: Senior Projects (4)
Senior students continue the **movement based** research initiated in CA 424. An extended final project will be developed, mentored by faculty and guest artists, culminating in a showing or presentation at the end of the semester. Students will have the option of working as a choreographer or performer, and or collaborating with students from other disciplines. Prerequisite: CA 324, 424.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

CA 425, a course designed for performance, will maintain this focus with an emphasis on student led work. The work will be mentored by faculty and guest artists and culminate in a showing at the end of the term. The change in credit hours reflects the contact hours in the studio over a term. Changes to prerequisites reflect the course progression from third to fourth year courses in composition and performance.



COURSE SUBJECT	PLAN	NUMBER	406	TITLE	Rural Planning and Development
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

PLAN 406 - ~~Rural~~Community Planning and Development (4)

~~Examines the processes and practices of planning in the rural setting. Topics may include the historical development of rural planning in Canada, the principles and practices of rural development and their relevance to planning, planning in resource regions, and planning for rural resilience. For each topic the course will identify the challenges and opportunities associated with adding a rural lens to planning practice.~~

Examines the processes and practices of considering land in municipal and regional planning settings. Topics may include the historical development of land use and spatial planning at the local level in Canada, the evolving principles and practices of land development, valuation, sustainability, resilience, and climate planning Through alternative approaches to land via economic, policy, legal, socio-cultural and socio-environmental lenses, the course equips students to become municipal land use planners.

Prerequisite: PLAN 100 or PLAN 200; and 60 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

FALL 2022

RATIONALE (must be included)

The Professional Standards Board (PSB), the body responsible for managing planning programs' accreditation for the Canadian Institute of Planners, recommended we include a course of urban planning. Rather than have one course on rural planning and another course on urban planning, we are re-designing 406 to cover both rural and urban by focusing on municipal planning. The proposed changes aim to fulfill the PSB's recommendation and thereby strengthen the planning programs prospect for full accreditation in the near future.

Changing the content of REM 406 this way also allows us to provide our students with a better education. Many planning students complete co-op placements with municipal and regional organizations (i.e. Translink), and many go on to work at these levels of government once they graduate. This course will provide them with the foundation they need to succeed in these environments.

COURSE SUBJECT	STAT	NUMBER	302	TITLE	Analysis of Experimental and Observational Data
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

The standard techniques of multiple regression analysis, analysis of variance, and analysis of covariance, and their role in observational and experimental studies. This course may not be used to satisfy the upper division requirements of the **following programs**: Statistics major, ~~or Statistics honours program~~, **Actuarial Science major, and Actuarial Science honours**. Prerequisite: One of STAT 201, STAT 203, STAT 205, STAT 270, or BUS 232, with a minimum grade of C-. **Students who have taken STAT 350 first may not then take this course for further credit.** Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

STAT 452 is becoming a required course in the Actuarial Science major and honours programs. Currently, STAT 302 is one of the optional prerequisites for STAT 452. We wish to discourage the actuarial students from taking it as the material in STAT 302 is largely taught in both STAT 285 and 350. The latter two courses present the material at a higher level required by the discipline, and taking STAT 302 in addition to STAT 285 and 350 is therefore redundant. Note that a similar rule is already in place for the Statistics major and honours programs.

COURSE SUBJECT	STAT	NUMBER	305	TITLE	Introduction to Biostatistical Methods for Health Sciences
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Intermediate statistical techniques for the health sciences. Review of introductory concepts in statistics and probability including hypothesis testing, estimation and confidence intervals for means and proportions. Contingency tables and the analysis of multiple 2x2 tables. Correlation and regression. Multiple regression and model selection. Logistic regression and odds ratios. Basic concepts in survival analysis. This course may not be used to satisfy the upper division requirements of the **following programs:** Statistics major, ~~or Statistics honours program~~, **Actuarial Science major, and Actuarial Science honours**. Prerequisite: One of STAT 201, STAT 203, STAT 205, STAT 270, or BUS 232, with a minimum grade of C-. **Students who have taken STAT 350 first may not then take this course for further credit.** Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

STAT 452 is becoming a required course in the Actuarial Science major and honours programs. Currently, STAT 305 is one of the optional prerequisites for STAT 452. We wish to discourage the actuarial students from taking it as the material in STAT 305 is largely taught in both STAT 285 and 350. The latter two courses present the material at a higher level required by the discipline, and taking STAT 305 in addition to STAT 285 and 350 is therefore redundant. Note that a similar rule is already in place for the Statistics major and honours programs.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

Over the past five years, the actuarial profession changed drastically with the introduction of more data science and predictive analytics. Future actuaries are expected to have better computing skills and be more knowledgeable about statistical methodology. ACMA 440 is deleted and removed from our programs to make room for statistical courses better aligned with the future of the profession (e.g., STAT 350 and 452). Students will not be impacted by this deletion as those interested in the topics taught in this course will still be able to enroll in ACMA 490 (cross-listed with ACMA 830) that covers part of the learning objectives of ACMA 440.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Two programs are impacted by this deletion, i.e.,

1. Actuarial Science Major (BSc),
2. Actuarial Science Honours (BSc).

As part of the package, we are submitting program modification forms that address how the program will be changed to address this deletion. Note that ACMA 440 is not a prerequisite for any of the courses offered at Simon Fraser University.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT	ACMA	NUMBER	340	TITLE	Financial Economics for Actuaries
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

~~Actuarial~~ **Option pricing** models and their application to insurance and financial risks. Introduction to **finance and** ~~derivatives~~. ~~Options~~—Option strategies and risk management. ~~Discrete-time models:~~ **Binomial models,** ~~multi-period models.~~ ~~Continuous-time models:~~ Black-Scholes-Merton model. Market-making, hedging, and option Greeks. Introduction to exotic options. **Mean-variance portfolio theory and asset pricing models.** Covers part of the syllabus for ~~Exam IFM of the Society of Actuaries and Exam 3F of the Casualty Actuarial Society.~~ Prerequisite: ACMA 201 (or 210), with a minimum grade of C. Corequisite: STAT 285. Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

We are removing ACMA 440 from our Actuarial Science programs. Some important topics covered in ACMA 440 need to be covered in our degrees, however. We have decided to move these two topics to ACMA 340 (i.e., mean-variance portfolio theory and asset pricing models). We expect to reduce the coverage of option strategies to compensate for these extra topics.

COURSE SUBJECT	ACMA	NUMBER	470	TITLE	Property and Casualty Insurance
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Ratemaking: terminology, process, trend, ultimate losses, expense provisions, profit and contingencies, overall rate indications, classification rates, increased limits. Individual risk rating: prospective systems, retrospective rating, design. Loss Reserving: accounting concepts, definitions, principles, loss reserving process. Risk classification: relationship to other mechanisms, criteria for selecting rating variables, examples, efficiency, estimating class relativities. Covers part of the syllabus for Exam 5 of Casualty Actuarial Society. ~~Cannot repeat for credit if taken as STAT 490 or ACMA 490 previously.~~ Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

Before creating ACMA 470, this course was offered as a special topic (ACMA or STAT 490). The last offering of this course as a special topic was Summer 2003, so it is safe to assume that all students present at the time of this change graduated. Further, a reference to STAT and ACMA 490 is confusing because other special topics are taught under this number. We are therefore removing the mention of STAT and ACMA 490 from the equivalent statement of ACMA 470 as it is not needed anymore.

COURSE SUBJECT NUMBER TITLE

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

Overview of pension plans: design, funding, regulation, accounting standards. Pension funding methods: actuarial cost methods, terminal funding method. Individual actuarial cost methods: accrual benefit cost method, entry-age actuarial cost method, unit-credit method, individual-level-premium method, attained-age-normal method. Group actuarial cost methods. Prerequisite: ACMA 301 (or 320), with a minimum grade of C. Corequisite: ACMA 401. ~~Students with credit for STAT 490 or ACMA 490 may not take this course for further credit.~~ Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

Before creating ACMA 475, this course was offered as a special topic (ACMA or STAT 490). The last offering of this course as a special topic was Fall 2006, so it is safe to assume that all students present at the time of this change graduated. Further, a reference to STAT and ACMA 490 is confusing because other special topics are taught under this number. We are therefore removing the mention of STAT and ACMA 490 from the equivalent statement of ACMA 475 as it is not needed anymore.