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MEMORANDUM

ATTENTION

FROM

Senate

Wade Parkhouse, Chair

Senate Committee on Undergraduate Studies

RE:

Course Changes (SCUS 18-78)

DATE PAGES December 7, 2018

1/2

Colour

For information:

Acting under delegated authority at its meeting of December 6, 2018 SCUS approved the following curriculum revisions effective Fall 2019.

- 1. School of Interactive Arts and Technology
 - (i) Prerequisite change for IAT 391, 392, 393, 396, 397
- 2. School for the Contemporary Arts
 - (i) Prerequisite change for CA 412W

b. Faculty of Environment

- 1. School of Resource and Environmental Management
 - (i) Prerequisite change for REM 311, 375, 423, 427,
 - (ii) Units and prerequisite change for REM 412 and 445
 - (iii) Description, units and prerequisite change for REM 471
 - (iv) Equivalent statement change for SD 301

c. Faculty of Science

- 1. Department of Molecular Biology and Biochemistry
 - (i) Description and prerequisite changes for MBB 496

2. Department of Physics

- (i) Prerequisite change for PHYS 132 and 133
- 3. Department of Statistic and Actuarial Science
 - (i) Prerequisite and Equivalent Statement changes for STAT 180
 - (ii) Prerequisite change for STAT 240, 300W, 302 and 305

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 SU	BJECT IAT	NUMBER	391	TITLE Italian Design History (3)	
TYPE OF CH	I ANGES. Pleas	se type 'X' for the ap	propriate re	vision(s):	
Course number		Units		Prerequisite ⊠	
Title		Description		Equivalent \square Statement	
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Field School		n of 45 units. Corequ	usite: IAT 39	92/IAT 393 (ItaliaDesign	
		EAR FOR CHANGES rear (please enter in			
Fall 2019					
RATIONALE	(must be incl	uded)			
The current these cours	t prerequisite es to complet	s do not accurately i e this Field School p	reflect the se rogram.	equence in which students take	





COURSE SUBJECT	IAT	NUMBER	392	TITLE	Italian Design in Context: Learning from La Citta (3)	
TYPE OF CHANGES	. Please type ''	X' for the app	propriate rev	vision(s):		
Course \square	Ur	nits		Prer	equisite ⊠	
Title	De	escription		-	uivalent 🗆 atement	
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: Completion of 45 units, including IAT 391. Corequisite: IAT 391/IAT 393 (ItaliaDesign Field School).						
EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox) Fall 2019 RATIONALE (must be included) The current prerequisites do not accurately reflect the sequence in which students take these courses to complete this Field School program.						



COURSE SU	BJECT I	AT NUMBER	393		Interaction Design Wor (3)	kshop
TYPE OF CH	IANGES. Ple	ease type 'X' for the ap	propriate	revision(s):		
Course number		Units		Prere	equisite 🛚	
Title		Description			ivalent 🗆 tement	
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	te: Complet gn Field Sch	ion of 45 units <u>, includi</u> iool).	<u>ng 391</u> . Co	orequisite: IA	T 391/ 392	
		YEAR FOR CHANGES d year (please enter in	textbox)			
The curren these cours	t prerequis	icluded) ites do not accurately i lete this Field School p	reflect the rogram.	sequence in v	which students take	



COURSE SU	BJECT IAT	NUMBER	396	TITLE North Europe Design Field School: Design Inquiry (6)
TYPE OF CH	IANGES. Plea	se type 'X' for the ap	propriate re	evision(s):
Course number		Units		Prerequisite 🖂
Title		Description		Equivalent \square Statement
indicate add allows, drag expand. Plea specific cour	ed or new tex the endpoint se review the se componer	at using <u>underline</u> . If of the text box to ma	you need to ake it bigger nents" secti alent staten	
Fall, Spring, S		EAR FOR CHANGES year (please enter in		
Fall 2019				
RATIONALE	(must be inc	luded)		
		s do not accurately r e this Field School pr		equence in which students take





COURSE SU	BJECT IA	T NUMBER 397	TITLE North Europe Design Field School: design synthesis (3)
TYPE OF CH	HANGES. Plea	ase type 'X' for the appropriat	e revision(s):
Course number		Units \square	Prerequisite 🖂
Title		Description \square	Equivalent Statement
indicate add allows, drag expand. Plea specific cour	led or new te the endpoin ase review th rse compone	xt using <u>underline</u> . If you need t of the text box to make it big	
		YEAR FOR CHANGES year (please enter in textbox)	
Fall 2019			
RATIONALE	E (must be inc	cluded)	
		tes do not accurately reflect the test that the test this Field School program.	ne sequence in which students take



COURSE SU	JBJECT	CA NUMBER	412W	TITLE Advanced S Culture Stu	eminar in Art ar dies
TYPE OF CH	ANGES. F	Please type 'X' for the app	propriate	e revision(s):	
Course number		Units		Prerequisite 🗵	
Title		Description		Equivalent \square Statement	
allows, drag expand. Plea specific cour Provides a topic in an leading to seminars. different t departme 210, 335,	the endpose review se review and in-depose and cultured a substate Topics we copics are nts. Prerior 337, o	oint of the text box to may the "Equivalency statements if changing equivalents if changing equivalent investigation of a soluture studies. This countial paper, as well as will vary from term to the offered. May be of pa	ake it big nents" se alent sta elected t rse requ directed term. Th rticular division	theoretical, historical or it ires independent researd I reading preparation for e course may be repeate interest to students in of units; and one of CA (or I	thematic ch d when
Fall 2019					





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RATIONALE (must be included)

Currently, the prerequisite for this course makes it accessible only to students in the SCA's Visual Art and Art, Performance and Cinema Studies programs. The addition of FPA/CA 335, 337 and 357W as prerequisite options opens enrolment to SCA students pursuing other majors, especially film and theatre, who will benefit from the availability of an upper division W course.

November 2016



COURSE SUE	ВЈЕСТ	REM	NUMBER	311	TITLE		Ecology and able Environme	ents
TYPE OF CHA	NGES. P	lease type 'X'	for the appi	ropriate revi	sion(s):			
Course number		Uni				quisite	\boxtimes	
Title		Des	cription			ivalent cement		
WORDING/DE indicate added allows, drag th expand. Please specific course	or new e endpo review	text using <u>un</u> int of the text the "Equivale	derline. If yo box to mak ency stateme	ou need to er te it bigger, a ents" section	nter more s it will n under <u>In</u>	e text that	n the box atically	
Prerequisite 203 or 205	Prerequisite: REM 100 or EVSC 100; BISC 204 or GEOG 215; STAT 101 or 201 or 203 or 205 or GEOG 251 or STAT 201 or equivalent. Quantitative.							
Fall, Spring, Sur Fall 2019								
	ATIONALE (must be included) STAT 101 has been renumbered as STAT 205.							



COURSE SUB	JECT REM	NUMBER	375	TITLE	Ecology Coastal	and Conservat BC	ion of
TYPE OF CHAN	IGES. Please	type 'X' for the ap	propriate rev	ision(s):			
Course number		Units		Prere	quisite		
Title		Description		_	ivalent tement		
indicate added allows, drag the expand. Please	or new text use endpoint of review the "Ecomponents	EDITS. Indicate do sing underline. If the text box to ma quivalency stater if changing equiv	you need to e ake it bigger, a nents" section	enter more as it will n n under <u>In</u>	e text that ot autom	n the box natically	1
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		R FOR CHANGES					
Fall 2019	nmer and yea	r (please enter in	textboxj				
RATIONALE (m	nust be includ	ed)					
This change b unit prerequis		rse in line with ot	her REM 300	level cour	ses, whi	ch have a 45	



COURSE SUBJE	СТ	REM	NUMBER	423	TITLE	Researc Assessn	ch Methods in Fisheri nent
TYPE OF CHANG	ES. P	ease type 'X'	for the app	ropriate revi	sion(s)		
Course number		Uni				quisite	
Title		Des	scription			ivalent tement	
indicate added or allows, drag the expand. Please respecific course co	WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using <u>underline</u> . 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 <u>Information about specific course components</u> if changing equivalent statement(s). Prerequisite: BISC 204 or GEOG 215; STAT 101 or 201 or 203 or 205 or GEOG 251 or equivalent; MATH 151 or 154 or 157 or equivalent; and 60 units.						
EFFECTIVE TERM Fall, Spring, Summ Fall 2019	ner ar	d year (plea		extbox)			
STAT 101 has b			s STAT 205.				



COURSE SUI	BJECT REM	NUMBER	427	TITLE Avalan	che Risk Managemen
TYPE OF CHA	NGES. Please	type 'X' for the app	oropriate rev	ision(s):	
Course number		Units		Prerequisite	\boxtimes
Title		Description		Equivalent Statement	
indicate added allows, drag th expand. Please	l or new text une endpoint of ereview the "I	EDITS. Indicate de using <u>underline</u> . If y the text box to ma Equivalency staten if changing equiva	you need to e ke it bigger, a nents" sectior	nter more text thans it will not auton n under <u>Informatio</u>	an the box natically
MATH-157	and one of S	ncluding one of M FAT 101, STAT 20 Land 60 units; O	01 , <u>or</u> STAT	203 , <u>or </u> 205 STA	T 270 or
		AR FOR CHANGES ar (please enter in			
RATIONALE (must be includ	ded)			
STAT 101 ha	s been renum	bered as STAT 205	5.		



COURSE SU	вјест 🛚 🛚	REM NUMBER	412	TITLE Environmental Modeling
TYPE OF CH	ANGES. Ple	ase type 'X' for the app	propriate	revision(s):
Course number		Units		Prerequisite 🖂
Title		Description		Equivalent \square Statement
indicate adde allows, drag t expand. Pleas	ed or new to the endpoin se review th	ext using <u>underline</u> . If y nt of the text box to ma	you need t ke it bigge nents" sec	hanged text using strike through, to enter more text than the box er, as it will not automatically tion under Information about ment(s).
Students re simulation REM 100 or	ceive hand models of e r EVSC 100;	environmental and eco	logical sys 5; STAT 1	ion and analysis of computer stems and problems. Prerequisite: 01 or 201 or 203 <u>or 205</u> or 270 <u>or</u>
		YEAR FOR CHANGES I year (please enter in	textbox)	
	(must be in			
The purpos			e contact	lecture hours from 2 hours to 3
		or conveying more co		recture nours from 2 nours to 3
STAT 101 h	as been ren	numbered as STAT 205	5.	



COURSE SU	IBJECT R	EM NUMBER	445	TITLE Environmental Risk Assessment
түре оғ сн	ANGES. Plea	se type 'X' for the ap	propria	te revision(s):
Course number		Units	\boxtimes	Prerequisite ⊠
Title		Description		Equivalent \square Statement
indicate adde allows, drag expand. Plea specific cours	ed or new te the endpoint se review the se componer	ext using <u>underline</u> . If to a state of the text box to make "Equivalency staten of the interest of the control	you neo ke it bi nents" s alent st	
Environmental Risk Assessment REM 445 (3) (4) Students receive theory and practical experience in the control and management of hazardous substances in the environment. This includes the application of techniques used to assess toxicological, ecological and human health risks of contaminants within the current regulatory framework. Prerequisite: MATH 151 or 154 or 157; STAT 101 or 103 or 201 or 203 or 205 or 301 or GEOG 251 or equivalent; and 60 units.				
EFFECTIVE	TERM AND Y	ZEAR FOR CHANGES		
		year (please enter in		x)



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RATIONALE (must be included)

The purpose of the unit change is to increase contact lecture hours from 2 hours to 3 hours with professor for conveying more content.

STAT 101 has been renumbered to STAT 205. STAT 103 has been renumbered as STAT 203.

The addition of 60 units brings the course in line with other REM 400 level courses.



COURSE SUE	BJECT REM	NUMBER	471	TITLE Forest l	Ecosystem Management
TYPE OF CHA	NGES. Please ty	ype 'X' for the ap	propriate rev	rision(s):	
Course number		Units	\boxtimes	Prerequisite	\boxtimes
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).

Forest Ecosystem Management REM 471 (3) (4)

Students will examine the problems of managing forest ecosystems for a variety of societal goals and objectives. The course will start with an examination of the ecological characteristics of forest ecosystems and their dynamics. The second section will focus on the objectives and tools of forest management in an ecological context. Forests are critical components of the earth system and provide diverse ecological services. They are also a source of conflict regarding their conservation and use. Students will examine the problems of managing forest ecosystems for a variety of societal goals and objectives. We begin by examining the ecological characteristics of forest ecosystems and follow with a focus on the objectives and tools of forest management. The final section of the course will focus on the examine institutions, economics, and policies of policy related to forests management, with a focus on British Columbia's historical and current management issues. This course will involve lectures, group discussions, field trips, and exercises. Prerequisite: At least one of REM 311, BISC 304, BISC 310, BISC 404, GEOG 315, or GEOG 316, One of REM 100, or GEOG 100 or 111, or EVSC 100 or BISC 102: and 45 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2019	Fall 2019	
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Page 2 of 2

RATIONALE (must be included)

The unit change is to increase contact lecture hours from 2 hours to 3 hours with professor for conveying more content.

The prerequisite change is intended to make the course more accessible to students.



COURSE SU	BJECT S	SD NUMBER	301	TITLE Building a Sus	stainable World			
TYPE OF CHA	ANGES. Ple	ase type 'X' for the app	oropria	nte revision(s):				
Course number		Units		Prerequisite \square				
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).								
for understa governance, Developmer	Exploration of how to cultivate a more sustainable world. Provides a foundation for understanding sustainable development at the global scale. Explores cases of governance, programs and policies in the Global South that foster the Sustainable Development Goals (SDGs), such as food and water security, biodiversity, inclusive economies, and clean energy.							
	Prerequisite: 45 units or admission to the Post Baccalaureate Diploma in Sustainable Development.							
Students who have taken SD (or DEVS) 401 first may not then take this course for further credit								
		YEAR FOR CHANGES I year (please enter in		x)				
Fall 2019								



RATIONALE (must be included)

DEVS 401 is equivalent to SD 401, not SD 301.

This line was included in the calendar entry by mistake when this course was added to the SD Program.

SFU COURSE SU	SENATE COMMITUNDERGRADUAT	'E STUDIES	496-6	TITLE		Page	e 1 of 1
COUNSESO	bject Mi	NOMBER	470-0	ITTLE		ours MBB-BUS	
TYPE OF CI	HANGES. Plea	se type 'X' for the ap	propriate re	evision(s):			
Course number		Units		Pre	requisite	X	
Title		Description	X		quivalent tatement		
WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using <u>underline</u> . 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 <u>Information about specific course components</u> if changing equivalent statement(s).							
molecular	biology or bi	Part-time scientific le	ırse is inten	ded only f	or those sti	udents	

taking a joint MBB/BUS or MBB/CS honours degree. MBB 496 coursework will include the preparation of a research proposal, a report on the results of the research and an oral presentation of the research. Before seeking approval for enrollment in this course, the student should already have obtained obtain the agreement of a faculty member that he/she is willing to supervise the project, and have prepared a written proposal (of approximately 1-2 pages) prepare, in consultation with the supervisor, a one-page Letter of Intent stating the nature of the research readings and project. The course will include preparation of a written report on the results of the project, and may, at the discretion of the supervisor, include an oral presentation of the results. Prerequisite: 75 units and upper division standing in an MBB MBB/BUS or MBB/CS joint honours program, and MBB 308 or 309W with a minimum grade of C. Students who take MBB 496 are not allowed to take MBB 491, 492 or 493 with the same faculty supervisor.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2019

RATIONALE (must be included)

Course description was modified to make it consistent with other MBB Independent Study Semester Courses, MBB 309W was included as an alternative lab course prereg (in addition to MBB 308); the requirement that students not do additional ISS courses with the same instructor was removed. These changes give students more flexibility.





TVDE OF CU	ANCES Dlag	so type 'V' for the any	nnonviote	y marriagion (a).			
TIPEOFUN	ANGES. Plea	se type 'X' for the app	propriate	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). Corequisite: PHYS 101 or 120 or 125.							
EFFECTIVE TERM AND YEAR FOR CHANGES							
		EAR FOR CHANGES year (please enter in					
Fall, Spring, S	Summer and	year (please enter in					





COURSE SU	BJECT F	PHYS NUMBER	133	TITLE Physics Laboratory II				
TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):								
Course number		Units		Prerequisite ⊠				
Title		Description		Equivalent \square Statement				
indicate adde allows, drag t expand. Pleas specific cours	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). Corequisite: PHYS 102 or 121 or 126.							
EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox) Fall 2019 RATIONALE (must be included)								
We have determined that PHYS 102 is also a suitable co-req for PHYS 133.								



Page 1 of 1

COURSE SUBJECT	COURSE SUBJECT STAT N		180	TITLE	Career Development Seminar for Statistics and Actuarial Science
TYPE OF CHANGES	5. Please type '	X' for the app	propriate rev	vision(s):	
Course number	U	nits		Prei	requisite 🗵
Title _	D	escription		-	uivalent 🗵 atement
	ew text using the top the text with the "Equivariant of the text o	underline. If yext box to ma alency statem anging equiva as undertaking e experience areer advice. I actuarial Scie instructor. St	you need to ke it bigger, nents" section alent statement or erelevant to Prerequisite major or endents with	enter mo as it will on under l ent(s). an honou Statistics choolers honours	ars program in students and ent, or intended programs, or
EFFECTIVE TERM Fall, Spring, Summe			textbox)		
Fall 2019					
RATIONALE (must	be included)				8
"Intended enrolm	ent" is a vague	term that ha	is caused co	nfusion a	mong students.

"Intended enrolment" is a vague term that has caused confusion among students. Presumably, this term was originally included to allow intended Actuarial Science students to take the course. However, these students are generally registered in the Statistics major prior to applying for admission to Actuarial Science. The term "intended enrolment" is thus unnecessary. In addition, the proposed change will allow students who transfer from the Data Science major/honours to the Statistics major/honours to receive credit for STAT 180 after having completed DATA 180 (thus avoiding a repeat on their transcripts). This change is consistent with our current policy that allows credit for DATA 180 after completion of STAT 180.





COURSE SUBJECT STAT NUMBER 240 TITLE Introduction to Data Science **TYPE OF CHANGES.** Please type 'X' for the appropriate revision(s): Course Units number 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). Introduction to modern tools and methods for data acquisition, management, and visualization capable of scaling to Big Data. Prerequisite: AnyOne of STAT 201. STAT 203, STAT 205, STAT 270, course (except STAT 100) or BUEC 232, and one of CMPT 102, CMPT 120, CMPT 125, CMPT 128, CMPT 129, CMPT 130, or permission of the instructor. Quantitative. EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox) Fall 2019 RATIONALE (must be included) The new wording specifies explicitly the STAT courses that are acceptable as prerequisites and, in particular, excludes STAT 180, STAT 310, and STAT 311 (which are possible first STAT courses but are not appropriate as prerequisites).



COURSE SUBJECT STAT NUMBER 300W TITLE Statistics Communication							
TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):							
Course \square Units \square Prerequisite \boxtimes number							
Title Description Description Statement							
WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike through, indicate added or new text using <u>underline</u> . 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 <u>Information about specific course components</u> if changing equivalent statement(s).							
Guided experiences in written and oral communication of statistical ideas and results with both scientific and lay audiences. Prerequisite: Admission to the major or honours programs in statistics; or actuarial science at SFU. STAT 350 or 9 units of upper division STAT/ACMA courses and permission of the instructor; prior completion of a lower division W course. Writing.							
EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox) Fall 2019							
Now that ACMA 360W exists, ACMA students will generally be taking that course instead of STAT 300W.							



COURSE SUBJECT	STAT	NUMBER	302	TITLE		of Experimental ar ional Data
TYPE OF CHANGE	S. Please type '	X' for the app	propriate rev	rision(s):		
Course \square number	U	nits		Prei	requisite	\boxtimes
Title	De	escription			uivalent atement	
wording/description indicate added or mallows, drag the enexpand. Please revispecific course com The standard techniques of covariant to course may a Statistics major of STAT 205, STAT 205.	dew text using god point of the team the "Equivaries of characters and their not be used to see the control of	underline. If yext box to ma alency statem anging equiva tiple regressi role in obsessatisfy the up	you need to e ke it bigger, nents" sectio alent stateme on analysis, rvational and oper division uisite: AnyOi	enter mo as it will n under I ent(s). analysis d experin requirer ne of STA	re text than not autom nformation of variance nental stud nents of th T 201, STA	n the box atically n about e, and lies. e
EFFECTIVE TERM Fall, Spring, Summe Fall 2019 RATIONALE (must	er and year (ple		textbox)			
The new wording and, in particular, STAT courses but	specifies expli	Γ 180, STAT 3	310, and STA	at are acc T 311 (w	ceptable as which are po	prerequisites ossible first



COURSE SU	ВЈЕСТ :	STAT NUMBER	305	TITLE Introduction to Biostatistical Methods for Health Sciences				
TYPE OF CH	HANGES. P	lease type 'X' for the ap	propria	te revision(s):				
Course number		Units		Prerequisite ⊠				
Title		Description		Equivalent Statement				
indicate add allows, drag expand. Plea specific cour Intermedia concepts in confidence analysis of model sele analysis. T the Statisti	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 Statistics major or honours program. Prerequisite: AnyOne of STAT 201, STAT 203, STAT 270, course (except STAT 100) or BUEC 232. Quantitative.							
EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox) Fall 2019								
RATIONALE	(must be i	ncluded)						
and, in par	ticular, exc	cifies explicitly the STA ludes STAT 180, STAT 3 not appropriate as pre	310, and	ses that are acceptable as prerequisites d STAT 311 (which are possible first ses).				