

PROGRAM ADVISORY COMMITTEE (PAC)**October 29, 2004****9:30 AM – Room A225****Abbotsford Campus****APPROVED MINUTES**

Present: S. Brigden, P. Burkhart, B. Cooke (Chair), V. Cooke S. Fisher, E. Harris, M. Holmes, M. MacDougall, H. McCullough, P. Miller, R. Morrison, B. Salingré, N. Sexton, J. Snodgrass, R. Snow

Regrets: D. Riel

Guests: G. Baier, R. Frechette, L. Gritmaker, A. Last, F. McQuarrie, B. Moon, S. Murray, N. Taylor, T. Thomson, J. Van Laar, S. Vanderburgh, R. Welch

Recorder: N. Egresits

1. APPROVAL OF PAC AGENDA**MOTION:**

To approve the October 29, 2004 PAC agenda with the following amendments:

3.1 English, New Course: ENGL 109

3.7 KPE, Changes to Courses: KPE 180, KPE 462

3.11 Geography, Changes to Courses: GEOG 131, GEOG 202, GEOG 211, GEOG 242, GEOG 344
GEOG 345 and GEOG 444

3.12 Communications, Changes to Courses: CMNS 115, CMNS 235 and CMNS 312

3.13 Criminal Justice, New Course: CRIM 215

CARRIED**2. APPROVAL OF PAC MINUTES****2.1. PAC minutes: October 1, 2004****MOTION:****B. Salingré/H. McCullough**

- To approve the October 1, 2004 PAC minutes as presented.

CARRIED**3. PAC BUSINESS****3.1. DRAFTING****3.1.1. New Courses: ADT 1, ADT 2, ADT 3, ADT 4, ADT 5, ADT 6 and ADT 7**

With the creation of the ADT courses, DRTE courses will be no longer offered, and can be deleted.

PLA is not possible. A good program student will have prior work experience but cannot challenge the courses.

MOTION:

N. Sexton/P. Burkhart

To approve ADT 1, ADT 2, ADT 3, ADT 4, ADT 5, ADT 6 and ADT 7 with the following amendments:

- **ADT 1:** Prerequisites: ~~Acceptance~~ Admission into the Architectural Drafting Technician program
- **ADT 2:** Prerequisites: ~~Principles of Math 11 with a C+~~ Admission to the Architectural Drafting Technician program
- **ADT 3:** Prerequisites: ~~Successful completion of~~ ADT 1 and ADT 2
- **ADT 4:** Prerequisites: ~~Successful completion of~~ ADT 1 and ADT 2
- **ADT 5:** Prerequisites: ~~Successful completion of~~ ADT 1, ADT 2, ADT 3 and ADT 4
- **ADT 6:** Prerequisites: ~~Successful completion of~~ ADT 1 and ADT 2
- **ADT 7:** Prerequisites: ~~Successful completion of~~ ADT 1 and ADT 2

CARRIED

3.1.2. Changes to Program: Drafting Technician (Architectural/Civil) certificate

MOTION:

P. Burkhart/S. Brigden

To approve the name change of the "Drafting Technician (Architectural/Civil)" program to "Architectural Drafting Technician"; and the entrance requirement change from a "B" to a "C+" in Principles of Math 11, or MATH 084 and MATH 085; and removal of Physics 11.

CARRIED

RECOMMENDED TO UCC FOR APPROVAL

3.2. AVIATION

Changes to Program: BBA Aviation

This proposal would provide fourth-year BBA Aviation students with a choice of two options during that year: the Heavy Jet Transport option (which all students are required to complete now) and the Professional Flight Instructor option. The Professional Flight Instructor option would be available to students entering fourth year in September 2004. The September 2004 implementation would not prevent any student, already enrolled in the BBA Aviation, from completing the program as it existed when he/she enrolled.

No new courses have been developed for this option as all courses are currently offered under the diploma program. Electives from the Adult Education area could benefit students who take the flight instructor option.

The Heavy Jet Transport option is five credits and the Professional Flight Instructor option is three credits. The Professional Flight Instructor option is two fewer credits for a degree, but still meets the minimum requirements of 120 credits by a significant amount.

MOTION:

H. McCullough/J. Snodgrass

To approve the addition of the Professional Flight Instructor option for the BBA Aviation.

CARRIED

RECOMMENDED TO UCC FOR APPROVAL

3.3. BUSINESS ADMINISTRATION

3.3.1. Changes to Courses: BUS 203, BUS 407 and BUS 408 (prerequisites)

MOTION:

V. Cooke/J. Snodgrass

To approve BUS 203, BUS 407 and BUS 408 with the following amendments:

- **BUS 407:**

Prerequisites: Acceptance to Bachelor of Business Administration degree. Pre- or corequisite: BUS 304

Note: ~~Credit will not be given to students who previously completed Bus 307A~~

Synonymous Courses: Cannot take: BUS 307A for further credit.

Calendar Description: This course examines...and societal socialization. Credit will not be given to students who previously completed BUS 307A.

➤ **BUS 408:**

Prerequisites: Acceptance into third year of the to Bachelor of Business Administration degree, BUS 203. Pre- or corequisite: BUS 304

Synonymous Courses: Cannot take: BUS 307B for further credit.

Calendar Description: The ability to work...the class itself. Credit will not be given to students who previously completed BUS 307B.

CARRIED

The new review date for BUS 407 and BUS 408 is September 2008.

3.3.2.4-year Course Review (no changes required): BUS 247, BUS 320, BUS 348, BUS 400 and BUS 410

MOTION:

To approve the 4-year course review (no changes required) for BUS 247, BUS 320, BUS 348, BUS 400 and BUS 410.

CARRIED

If a department completes a 4-year course review, but does not make any changes to the course outline, PAC receives a form stating a review has been completed, but does not receive a copy of the official course outline. This is considered a review by department not by PAC.

PAC needs to decide whether they want to review all these outlines, but PAC workload must also be considered. A concern is many course outlines are in old word perfect forms and current forms require additional information like PLA. This item will be placed on a future PAC agenda for discussion.

ACTION: UCC Office (February PAC agenda)

3.4. PHYSICS

Deletion of Course: PHYS 207

MOTION:

J. Snodgrass/P. Miller

To approve the deletion of PHYS 207.

CARRIED

3.5. CHEMISTRY

Changes to Course: CHEM 221

MOTION:

J. Snodgrass/S. Brigden

To approve CHEM 221 as presented.

CARRIED

3.6. KINESIOLOGY

3.6.1. Deletion of Courses: KPE 255A, KPE 255B, KPE 280, KPE 281, KPE 282A, KPE 282B, KPE 282C and KPE 282D

MOTION:

J. Snodgrass/N. Sexton

To approve the deletion of KPE 255A, KPE 255B, KPE 280, KPE 281, KPE 282A, KPE 282B, KPE 282C and KPE 282D and removal from program requirements.

CARRIED

3.6.2. Changes to Courses: KPE 215, KPE 220, KPE 365, KPE 451 and KPE 480 (prerequisites)

Most of the proposed prerequisite changes broaden requirements. The proposed change to KPE 215 and KPE 365 removes KPE 163 as a prerequisite. KPE 163 is core to the KPE degree so degree students would not be affected by the change. This course can be used as a lab science requirement so the change may make it more difficult for non-degree students to take the course. To ensure students are not affected by the change, the department agreed adequate notice should be given.

MOTION:

J. Snodgrass/B. Salingré

To approve KPE 215, KPE 220, KPE 365, KPE 451 and KPE 480 as presented.

CARRIED

The changes to KPE 220, KPE 451 and KPE 480 will be implemented September 2005. The changes to KPE 215 and KPE 365 will be implemented September 2006.

3.7. BIOLOGY

3.7.1. Changes to Program: Biology Majors and Minors

MOTION:

B. Salingré/E. Harris

To approve the addition of MATH 104 as an acceptable statistics credit for the Biology major, extended minor and minor.

CARRIED

3.7.2. New Courses: BIO 310 "Conservation Biology" and BIO 403 "Molecular Techniques I"

BIO 310 and BIO 403 will be offered in spring 2005.

MOTION:

P. Miller/S. Brigden

To approve BIO 310 and BIO 403 as presented.

CARRIED

3.7.3. Changes to Courses: BIO 301, BIO 303, BIO 304, BIO 305, BIO 306, BIO 312, BIO 320, BIO 401, BIO 402, BIO 406, BIO 408, BIO 409 and BIO 416 (calendar description)

MOTION:

J. Snodgrass/B. Salingré

To approve the calendar description change for BIO 301, BIO 303, BIO 304, BIO 305, BIO 306, BIO 312, BIO 320, BIO 401, BIO 402, BIO 406, BIO 408, BIO 409 and BIO 416 as presented.

CARRIED

3.8. PHILOSOPHY AND POLITICS

3.8.1. New Courses: PHIL 360 “Special Topics: Contemporary Issues for Philosophical Analysis”, PHIL 481 “Special Topics in Epistemology and Metaphysics”, PHIL 482 “Special Topics in the History of Philosophy” and PHIL 483 “Selected Topics in Philosophy”

The implementation date of these new courses is September 2005.

PAC discussed the prerequisite phrase for these new courses, and current philosophy courses. The department was asked to consider the phrase and to determine how it applies to their department (e.g. if the intention is “university-level credits”).

PHIL 483 is a shell course for areas not covered by other topics courses. Topics courses can be taken for further credit which may require them to be designated as c, d or e course in the future.

MOTION:

R. Snow/V. Cooke

To approve PHIL 360, PHIL 481, PHIL 482 and PHIL 483 with the following amendment:

- **PHIL 360: Calendar Description:** The course will provide...of philosophical analysis. ~~A variety of topics may be available and these topics may not be limited to what is covered in the traditional philosophical curriculum.~~ The student will gain...the philosophy of technology.

CARRIED

3.8.2. 4-Year Course Review (no changes required): PHIL 100, PHIL 490 and PHIL 491

MOTION:

P. Burkhardt/J. Snodgrass

To approve the 4-year course reviews (no changes required) for PHIL 100, PHIL 490 and PHIL 491.

CARRIED

3.9. HISTORY

3.9.1. New Courses: HIST 323/EDUC 323 “History of Education in Canada”, HIST 358 “African Slavery in the Americas”, HIST 364 “Indian Social History”, HIST 457 “Sexuality and Gender in Latin America”, HIST 458 “History of Indigenous Peoples in Latin America” and HIST 465 “British India”

Course outlines are required for each cross-listed course. These courses will be articulated as both HIST 323 and EDUC 323. There is some concern when cross-listing courses; primarily when cross-listed courses diverge and are nowhere near each other. Having a single course outline, that includes both course names, could help alleviate this problem.

The History department offers 42 upper-level history courses in a two year rotation. All of these are active courses.

MOTION:

M. MacDougall/J. Snodgrass

To approve HIST 323/EDUC 323, HIST 358, HIST 364, HIST 457, HIST 458 and HIST 465 with the following amendments:

- **EDUC 323: Calendar Description:** This course examines...in British Columbia.
This course is also offered as HIST 323. Students cannot take HIST 323 for further credit.
- **HIST 323: Calendar Description:** This course examines...in British Columbia.
This course is also offered as EDUC 323. Students cannot take EDUC 323 for further credit.

CARRIED

3.9.2. Changes to Courses: HIST 261, HIST 262, HIST 301A/B, HIST 370, HIST 459

The review date for these courses is September 2007.

MOTION:

S. Fisher/N. Sexton

To approve HIST 261, HIST 262, HIST 301A/B, HIST 370 and HIST 459 with the following amendments:

- **HIST 301:**
Course Number: HIST 301A/B
Credits (as listed in the calendar): ~~4 credits each course~~ **8 credits**
- **HIST 370:** Calendar Description: **This course examines** ~~An examination of the African-Americans' struggle for racial justice, from the 1930s to the 1960s, and of recent historiographical debates in the field.~~
- **HIST 459:** Prerequisites: Nine **credits of** lower-level history ~~credits.~~ **(Effective September 2006: Nine credits of lower-level history,** which must include one of HIST 261 or HIST 262).

CARRIED

Due to the focus of HIST 370, the History department will discuss whether HIST 358 would be a useful prerequisite. PAC wondered whether history courses with Indo Canadian content, should be cross-listed as INCS.

3.10. GEOGRAPHY

Changes to Courses: GEOG 131, GEOG 202, GEOG 211, GEOG 242, GEOG 344, GEOG 345 and GEOG 444

MOTION:

V. Cooke/B. Salingré

To approve the changes to GEOG 131, GEOG 202, GEOG 211, GEOG 242, GEOG 344, GEOG 345 and GEOG 444, with a directive to the department to specify and clarify the learning objectives to GEOG 242 and GEOG 345, and bring back to PAC for information.

CARRIED

The Adult Education department has offered their services to assist departments in developing learning objectives on course outlines.

PAC felt learning objectives should be reviewed by curriculum committees before any course outline is brought to PAC for approval. Recently, PAC decided to begin reviewing learning objectives in more detail. Departments need to be given guidance as to what is acceptable, and given notice that this area will be reviewed.

An ACC subcommittee is reviewing cross-listed courses. Rhonda was asked to forward any information to Bill so he has some guidance in this area.

3.11. COMMUNICATIONS

Changes to Courses: CMNS 115, CMNS 235 and CMNS 312

CMNS 115 has a significant change to hours but should be considered a long overdue correction to the current practice.

MOTION:

H. McCullough/S. Brigden

To approve CMNS 115, CMNS 235 and CMNS 312 as presented.

CARRIED

Calendar description revisions to CMNS 115 and CMNS 312 were not noted on the memos. Calendar copy will be updated with the new descriptions.

CMNS 115 is not promoted as equivalent to CMNS 125, but students cannot take CMNS 125 for further credit. CMNS 115 is oversubscribed as every ELTT student must take the course.

3.12. CRIMINAL JUSTICE

New Course: CRIM 215 “Theory and Practice of Restorative Justice”

There are no formal prerequisites for CRIM 215 but most 200-level CRIM courses do not have prerequisites. Due to the intensive seminar format of the course, maximum enrolment is 25 students.

This course will be offered in January 2005 but the winter timetable has already gone to print.

MOTION:

P. Burkhart/B. Salingré

To approve CRIM 215 with the following amendment:

- Structure of Hours (per term): Lectures: 45 15 Hrs, Seminar: 30 Hrs

CARRIED

4. INFORMATION ITEMS

- 4.1. PAC Minutes:** The September 2, 2004 PAC minutes have been posted to the web.

5. ADJOURNMENT

The meeting adjourned at 10:25 AM.

CALENDAR COPY CHANGES

3.1 DRAFTING

Calendar Copy (page 201)

Changes to Program: Drafting Technician (Architectural/Civil) certificate

CALENDAR COPY: Program name has changed from "Drafting Technician (Architectural/Civil) certificate" to "Architectural Drafting Technician certificate". Please make a global change to the database.

Architectural Drafting Technician (~~Architectural/Civil~~) certificate

Entrance requirements

To be admitted you must:

1. Be 19 years...,plus
2. ~~Have successfully completed Physics 11 (or equivalent), plus~~
- 3-2. Have one of the following with a **B-C+** or better:
 - Principles of Math 11
 - MATH 084 and MATH 085

Calendar Copy (page 202)

Changes to Program: Drafting Technician (Architectural/Civil) certificate now known as Architectural Drafting Technician certificate

Program Outline

~~The new provincial....~~

~~This program....modular basis:~~

~~———— First Semester (September — December)~~

Course #	Subject	Credits
DRTE 1	Basic Drafting Techniques	6
DRTE 2	Applied Mathematics	2
DRTE 3	Computer Assisted Drafting	3

~~———— Note: DRTE 1, 2, 3 are prerequisites to register for DRTE 4, 5.~~

~~———— Second Semester (January — April)~~

DRTE 4	Architectural — Residential /	
	Commercial Design & Drafting	14
DRTE 5	Strength of Materials	2

~~———— Third Semester (April — June)~~

DRTE 6	Civil Drafting/ Surveying	10
CMNS 145	Technical Communication	3

~~———— (Do not register or pay....this semester.)~~

Program Outline

The new provincial common core drafting program was incorporated into the program in 1996.

This program has been developed on the following modular basis:

First Semester (September – December)

<u>Course #</u>	<u>Title</u>	<u>Credits</u>
ADT 1	Drafting Fundamentals and CAD	8
ADT 2	Applied Mathematics	2

Note: ADT 1 and ADT 2 are prerequisites to register for the remainder of the program.

Second Semester (January – April)

<u>Course #</u>	<u>Title</u>	<u>Credits</u>
ADT 3	Building Construction 1	10
ADT 4	Building Construction 2	9
ADT 5	Final Architectural Project	2
ADT 6	Introduction to Structures	1

Third Semester (April – June)

<u>Course #</u>	<u>Title</u>	<u>Credits</u>
ADT 7	Civil Drafting and Surveying	5
CMNS 145	Technical Communications for Drafting	3

Faculty

Tricia Thomson, Diploma **Associate degree** in Building Technology (BCIT), ...

Program Advisory Committee

Chad Bretchin, Integrity Design

3.2 BUSINESS ADMIN/AVIATION

Calendar Copy (page 112)

Changes to Program: BBA Aviation

CALENDAR COPY: Delete current Semester VII and Semester VIII requirements and replace with the following:

Note: Students entering fourth year of the BBA Aviation will be required to select either the Heavy Jet Transport or the Professional Flight Instructor option for Semester VII and VIII

Semester VII

<u>Course</u>	<u>Title</u>	<u>Credits</u>
AV 350A	Fitness	0.5
AV 404	Advanced Aerodynamics & Operating Procedures	3
BUS 403	Strategic Management	3
BUS 420	International Business	3
Elective	A second language	3
PLUS: courses for Heavy Jet Transport or Professional Flight Instructor options (see additional chart below)		

Semester VIII

Course	Title	Credits
AV 350B	Fitness	0.5
AV 405	Advanced Jet Transport Systems & Performance	3
BUS 350	Operations Management	3
BUS 430	Management of Innovation	3
BUS 460	Aviation Management	3
Elective	Social Science elective (other than Economics)	3
PLUS: courses for Heavy Jet Transport or Professional Flight Instructor options (see additional chart below)		
Semester VII HEAVY JET TRANSPORT OPTION		
Course	Title	Credits
AV 403	Jet Transport Systems & Operations	1
AV 413	Simulator – Jet Transport Operations I	1
AV 414	Simulator – Jet Transport Operations II	1
Semester VIII HEAVY JET TRANSPORT OPTION		
Course	Title	Credits
AV 415	Simulator – Crew Operations	2
Semester VII & VIII PROFESSIONAL FLIGHT INSTRUCTOR OPTION		
Course	Title	Credits
AV 451	Theory – Instructor	2
AV 452	Flight Instructor Practicum	1
Note: The MATH 111....students.		
Note: GEOG 101 or....electives.		

BUSINESS ADMINISTRATION

Website: www.ucfv.ca/busadmin

Careers in business administration offer excitement and challenge...to most business careers.

The Business Administration department offers the following programs:

- Bachelor of Business Administration degree (Co-op Ed option available)
- ~~Bachelor of Business Administration degree (Aviation) (see Aviation section)~~
- Bachelor of Business Administration degree or Bachelor of Business Administration (Aviation) degree with either a Heavy Jet Transportation or Professional Flight Instructor option. (see Aviation section)
- Business Administration diploma (Co-op Ed option available)

Calendar Copy (page 232)**Changes to Courses: BUS 407 and BUS 408****BUS 407:****Gender and Diversity Issues****3 credits**

(Credit will not be given to students who previously completed BUS 307A)

Prerequisites: Acceptance to Bachelor of Business Administration degree

Pre- or corequisites: BUS 304

Transferability: Check with the institution you wish to attend.

This course examines...and societal socialization.

Credit will not be given to students who previously completed BUS 307A.

BUS 408:**Teamwork in Organizations****3 credits**

(Credit will not be given to students who previously completed BUS 307B)

Prerequisites: Acceptance to Bachelor of Business Administration degree, BUS 203

Pre- or corequisites: BUS 304

Transferability: Check with the institution you wish to attend.

The ability to work...the class itself.

Credit will not be given to students who previously completed BUS 307B.

3.3 PHYSICS

Calendar Copy (page 300)

Deletion of Course: PHYS 207

PHYS 207:

Science for Elementary School Teachers

4 credits

Prerequisites: 45 university-level credits, or a B.C. teaching certificate or equivalent, or instructor's permission

This course is designed for elementary school teachers desiring greater competence in science. The course consists of 40 short experiments, and discussion around the experiments. The areas covered include the life sciences, physical sciences, and earth and space science, and correspond to the provincially prescribed Learning Outcomes for Science K-7.

3.4 CHEMISTRY

Calendar Copy (page 235)

Changes to Courses: CHEM 221

CHEM 221:

Inorganic Chemistry

4 credits

Prerequisites: One of CHEM 113, or CHEM 111, or CHEM 101 (with B or better); and one of CHEM 114, or CHEM 112, or CHEM 102 (with B or better). Note: After April 2005, CHEM 101, 102, 111, 112 will no longer meet prerequisites for this course.

Transferability: SFU, UVic, OU, TWU (and, with CHEM 222, to UBC)

This course concentrates on the chemistry of non-transition elements and their compounds, with emphasis on symmetry, bonding, periodic properties and the descriptive chemistry of selected groups. The experiments performed in the laboratory component of the course will be directly related to the topics discussed during lectures.

CHEM 221, 222, and 231 are intended for students who wish to take majors or minors in chemistry, or take a combined honours program involving chemistry and another science subject.

3.1 KINESIOLOGY

Calendar Copy (page 282-283)

Deletion of Courses: KPE 255A, KPE 255B, KPE 280, KPE 281, KPE 282A, KPE 282B, KPE 282C and KPE 282D

KPE 255a and KPE 255b:

Work Experience I and II

6 credits

Prerequisites: Admission to Fitness and Exercise Management Program

Contact the KPE department for details.

KPE 280:

Training Methods I

3 credits

Prerequisites: KPE 103, 163, 181, 170

This course will introduce students to aerobic and anaerobic training methodologies. This course will review the energy systems and discuss training options available of the development of each system; details of techniques, progressions, periodization, overtraining, factors affecting training, and planning training programs.

KPE 281:

Training Methods II

3 credits

Prerequisites: KPE 103, 163, 181, 170

This course will introduce students to flexibility, muscular strength, and muscular endurance training methodologies. The

course will review the theoretical concerns and discuss training options for the development of each component; details of techniques, progressions, periodization overtraining, factors affecting training, and planning training programs, etc.

KPE 282a:

Exercise and Special Populations: Children

1 credit

Prerequisites: KPE 170 and KPE 103

This course will introduce students to the many growth and maturation concerns which dictate appropriate physical activities for children. This course will address the trainability of children, and the impact of training on the immature skeleton, and discuss age-appropriate activities for pre-and circum-pubertal children.

KPE 282b:

Exercise and Special Populations: Women

1 credit

Prerequisites: KPE 170 and KPE 103

This course is designed to give fitness professionals the specific knowledge and practical skills to design exercise programs for women. Women's health issues, physiology, nutrition, and social considerations are discussed in order to facilitate active lifestyles and quality of life for women. The latest research in these areas as it relates to exercise for women will be discussed.

KPE 282c:

Exercise and Special Populations: Elderly

1 credit

Prerequisites: KPE 170 and KPE 103

This course is designed to give fitness professionals the specific knowledge and practical skills to design exercise programs for the elderly population. Senior's health issues, physiology, nutrition, and social considerations are discussed in order to facilitate active lifestyles and quality of life for the aging population. The latest research as it relates to exercise for seniors will be discussed.

KPE 282d:

Exercise and Special Populations: Adapted

1 credit

Prerequisites: KPE 170 and KPE 103

This course will involve a hands-on approach to current trends in the theory and practice in adapted physical activity and fitness. The focus will be on how to include and integrate individuals with disabilities into physical activity and fitness programs.

Calendar Copy (page 172)

Fitness and Exercise Management certificate/diploma

Diploma Program Outlines

(certificate plus 36 credits)

Note the last intake for this diploma program will be September 2004

Kinesiology courses:

.....

Canadian Physical Activity.....Basic Fitness Leader Theory exam.

Calendar Copy (page 174)

Module 4 – Applied Kinesiology electives

Course	Title	Credits
KPE 280	Training Methods I	3
KPE 281	Training Methods II	3

Calendar Copy (page 282-284)

Changes to Courses: KPE 215, KPE 220, KPE 365, KPE 451 and KPE 480**KPE 215 (formerly KPE 110):****Introduction to Biomechanics****3 credits**Prerequisites: ~~KPE 163~~ or KPE 170; BIO 111/112 and PHYS 101 recommended. (Effective September 2006, KPE 163 will no longer meet the prerequisites for this course.)**KPE 220: (formerly KPE 420)****Teaching Dance and Gymnastics****3 credits**Prerequisites: ~~KPE 170~~ None**KPE 365 (formerly KPE 265):****Physical Growth and Motor Development****3 credits**Prerequisites: ~~KPE 163~~ or KPE 170 or BIO 111/412 (Effective September 2006, KPE 163 will no longer meet the prerequisites for this course.)**KPE 451:****Health Promotion and Fitness Program Planning and Evaluation****3 credits**Prerequisites: ~~KPE 160~~, KPE 360**KPE 480:****Pathophysiology****3 credits**Prerequisites: ~~KPE 270~~ and KPE 370**3.7 BIOLOGY****Calendar Copy (page 152)****Changes to Programs: Biology Major, Minor and Extended Minor****Biology major****Lower-level requirements**

Plus three credits from:

Course	Title	Credits
MATH 104	Introductory Statistics	4
or MATH 106	Statistics I	4
or MATH 270	Introduction to Probability and Statistics	4
or PSYC 110	Statistical Analysis in Psychology	3

Biology minor**Lower-level requirements**

Plus three credits from:

Course	Title	Credits
MATH 104	Introductory Statistics	4
or MATH 106	Statistics I	4
or MATH 270	Introduction to Probability and Statistics	4
or PSYC 110	Statistical Analysis in Psychology	3

Biology extended minor**Lower-level requirements**

Plus three credits from:

Course	Title	Credits
MATH 104	Introductory Statistics	4
or MATH 106	Statistics I	4
or MATH 270	Introduction to Probability and Statistics	4
or PSYC 110	Statistical Analysis in Psychology	3

Calendar Copy (page 227-228)**New Courses: BIO 310 and BIO 403****BIO 310:****Conservation Biology****3 credits**

Prerequisites: BIO 210

This course examines both theoretical and practical aspects of conservation biology. Drawing from numerous biological fields, including ecology, population genetics, and evolution, this multidisciplinary approach seeks to investigate causes and extent of human impacts on the natural world and to develop practical solutions to prevent further declines. Upon successful completion of the course, students will have developed an excellent working knowledge of the global makeup of biological diversity and the threats that exist. They will be well versed in the various approaches and challenges to achieving realistic conservation goals on both local and global scales, and will be familiar with the different career opportunities open to conservation biologists.

BIO 403:**Molecular Techniques I****3 credits**

Prerequisites: BIO 202, BIO 220, BIO 203 and one of BIO 312, BIO 320, BIO 325 or BIO 401

This is an intensive practical laboratory course that provides students with an applied introduction to the methodology used in recombinant DNA technology. The course encompasses an integrated series of molecular biology laboratory exercises that involve the cloning and analysis of the bioluminescence genes from a marine bacterium. The course focuses on the basic techniques of modern molecular biology including: DNA isolation and restriction analysis, agarose gel electrophoresis, ligations, transformation of recombinant DNA, preparation and screening of a genomic library, and Southern blotting and hybridization. The course is appropriate as a molecular biology component of Microbial Genetics, Genetics, Biochemistry, or Advanced Microbiology programs of study.

After completing the course students will be comfortable in a laboratory setting and will be prepared for careers in research or the biotechnology/pharmaceuticals industry.

Calendar Copy (page 227-228)

Changes to Courses: BIO 301, BIO 303, BIO 304, BIO 305, BIO 306, BIO 312, BIO 320, BIO 401, BIO 402, BIO 406, BIO 408, BIO 409 and BIO 416

For BIO 301, BIO 303, BIO 304, BIO 305, BIO 306, BIO 312, BIO 320, BIO 401, BIO 402, BIO 406, BIO 408, BIO 409 and BIO 416 **please remove the designation "Developed in partnership with Simon Fraser University"**

3.8 PHILOSOPHY AND POLITICS**Calendar Copy (page 298)****New Courses: PHIL 360, PHIL 481, PHIL 482 and PHIL 483****PHIL 360:****Special Topics: Contemporary Issues for Philosophical Analysis****3 credits**

Prerequisites: 45 credits from Arts, Science or Applied programs, including one of PHIL 100, PHIL 110, PHIL 120

The course will provide students with an opportunity to investigate contemporary cultural and social issues using the methods of philosophical analysis. The student will gain a broader understanding of modern problems and will acquire a greater appreciation for the practical application of philosophical techniques. Topics will vary with instructor but may include the status of gender in society, the concept of information, and the philosophy of technology.

PHIL 481:**Selected Topics in Epistemology and Metaphysics****3 credits**

<p>Prerequisites: 45 credits from Arts, Science or Applied programs, including one of PHIL 120, PHIL 220</p> <p>The course will allow the student to investigate a range of problems in epistemology and metaphysics. It builds on the discussion of topics introduced in lower level courses in the philosophy of knowledge and reality. The focus will vary with the instructor but can include cognitive philosophy, philosophy of mind, fundamental ontology and skepticism.</p>	
<p>PHIL 482: Selected Topics in the History of Philosophy Prerequisites: 45 credits from Arts, Science or Applied programs, including one of PHIL 120, PHIL 220, PHIL 250, PHIL 251 or PHIL 252</p>	<p>3 credits</p> <p>The course will allow the student to investigate a specific area in the history of philosophy. It will build on what is offered in lower level philosophy courses. The course is primarily intended as an exploration of material not covered in other classes or for a more advanced study of a particular philosopher.</p>
<p>PHIL 483: Selected Topics in Philosophy Prerequisites: 45 credits from Arts, Science or Applied programs, including three credits of lower-level philosophy</p>	<p>3 credits</p> <p>The course will allow the student to investigate in detail topics not found in regular course offerings or to engage in a more detailed study of problems or philosophers introduced in other courses. Topics covered will vary according to instructor and may include such areas as philosophy of art, philosophy of language or hermeneutics and phenomenology.</p>

3.9 HISTORY

Calendar Copy (page 275-277)

New Courses: HIST 323, HIST 358, HIST 364, HIST 457, HIST 458 and HIST 465

<p>HIST 323/EDUC 323: History of Education in Canada Prerequisites: Nine credits of lower-level history</p>	<p>4 credits</p>
<p>This course examines the major trends in historical writing on Canadian education and reviews the key developments in Canada's educational history from the early 19th century to the present. Themes include the emergence of the public school system in the 19th century, the politics of education before World War One, school experiences for students and teachers, progressive education ideologies, First Nations schooling, the institutional effects of gender and race/ethnicity, and curriculum change over time. An emphasis will be on education history in British Columbia.</p>	
<p>This course is also offered as EDUC 323. Students cannot take EDUC 323 for further credit.</p>	
<p>HIST 358: African Slavery in the Americas Prerequisites: Nine credits of lower-level history</p>	<p>4 credits</p>
<p>This course explores the development of the Atlantic slave trade and the history of African slavery in the Americas. It takes a broad view, examining the institution of slavery over four centuries, while considering the diverse experiences of slaves in the hemisphere's distinct colonies and early nation-states. Topics may include the impact of slavery on African polities, the formation of Afro-American societies and cultures, the perspectives of both slaves and slave owners, the genesis of new identities and ideologies regarding race, class, and gender, the mechanisms used to keep slaves under control and the forms of resistance they practiced, and the struggle to achieve personal freedom and abolition.</p>	
<p>HIST 364: Indian Social History Prerequisites: Nine credits of lower-level history, HIST 264 is recommended</p>	<p>4 credits</p>
<p>This course will examine the forces shaping the emergence of modern Indian society from the 17th century to the 1980s. Issues such as imperialism, nationalism, urbanization, and industrialization will be explored with reference to their impact on ethnicity, caste, class and gender in Indian society to recent times.</p>	
<p>HIST 457: Sexuality and Gender in Latin America Prerequisites: Nine credits of lower-level history, which must include one of HIST 261 or HIST 262</p>	<p>4 credits</p>
<p>This course examines the history of sexuality and gender in Latin America from the colonial era to the present. Topics may include the historical and sociocultural construction of sexuality and gender, as well as the complex relationship between sex, gender, and power; patriarchy, honour, and authority; contested gender relations and the family; machismo and notions of masculinity and femininity; the nation-state's concern with gender, moral order, and the control of sexual behaviour; sexual identities and politics; and the intersection of gender, sexuality, class, and ethnicity.</p>	
<p>Students may not take HIST 459c for further credit.</p>	
<p>HIST 458: History of Indigenous Peoples in Latin America Prerequisites: Nine credits of lower-level history, which must include one of HIST 261 or HIST 262</p>	<p>4 credits</p>
<p>This course explores the history of indigenous peoples in Latin America through the in-depth study of a particular region</p>	

(the Maya area, central Mexico, the Andes, or the Amazon), typically from the pre-European period to the present. Topics may include the political, economic, and sociocultural transformation of indigenous societies under colonial rule; the shifting, complex relationship between indigenous peoples and the state, considering questions of citizenship, ethnicity, class, and gender; national ideology and *indigenismo*; struggles over land, labour, and other resources; religious change; repression and rebellion; the impact of state-directed development policies; and the emergence of new identities.

HIST 465:

British India

4 credits

Prerequisites: Nine credits of lower-level history, HIST 264 or HIST 314 is recommended

This course will explore the rise of the British presence in India and the emergence of a distinct Anglo-Indian society from the 18th century to Indian independence. The impact of Anglo-British society on Britain as well as India will be considered. Issues such as imperialism, racism, gender, and class in the context of a hybrid colonial-metropolitan society will receive special consideration.

Calendar Copy (page 274-277)

Changes to Courses: HIST 261, HIST 262, HIST 301A/B, HIST 370 and HIST 459

HIST 261:

Latin American History: The Colonial Experience

3 credits

Prerequisites: None

Transferability: For transferability see the B.C. transfer guide at www.bccat.bc.ca

~~This course surveys the history of Latin America, from the time of the great pre-Columbian empires (Mayan, Aztec, and Inca), through the colonial era, to the emergence of independent nations in the early 19th century. Throughout, the course focuses on how the interaction between native Americans, Spaniards, Portuguese, and people of African descent created distinct societies in the "New World".~~

This course surveys the history of Latin America, from the time of the great pre-Columbian city-states and empires (Mayan, Aztec and Inca), through the colonial era, to the emergence of independent nations in the early nineteenth century. Throughout, the course focuses on how the interaction between Native Americans, Spaniards, Portuguese and people of African descent created distinct societies in the 'New World'.

HIST 262:

Latin American History: The National Experience

3 credits

Prerequisites: None

Transferability: For transferability see the B.C. transfer guide at www.bccat.bc.ca

~~This course is a survey of some of the principal themes in Latin American history from the time of independence to the present. Topics will include Latin America's place in the international economy, social and class relations, populism, military regimes, 20th century revolutions, and the role of the United States in the region. To permit more in-depth study of these themes, special attention will be given to Brazil, Mexico, Argentina, and Cuba.~~

HIST 301A/301B:

Applied Studies in History

4-credits-per-course 8 credits

Prerequisites: Department permission; nine credits of lower-level history; priority will be given to History majors, extended minors, and minors; computer skills strongly recommended.

Transferability: Check with the institution you wish to attend.

~~This course is designed to integrate applied experience and training into students' academic studies in history. Through an extended practicum, students will undertake supervised, unpaid work with a local employer or organization, applying and building upon their historical skills and opening up employment opportunities through work contacts. In addition, in-class seminars will provide the opportunity to consider critically the conceptual, methodological, and ethical issues raised by the application of history outside the classroom.~~

History 301 is designed to integrate applied experience and training into students' academic studies in history. Through an extended practicum, students participate in supervised, unpaid work experience with a local employer or institution to apply and build upon their historical skills and open up employment opportunities through work contacts. In addition, in-class seminars provide a chance to examine the conceptual issues around historical representation outside the classroom; students will critically assess a range of historical sites, including museums and historical recreations, popular history in print, film and television histories, and history as it is taught in the school system.

* Applied Studies in History is a full-year course. HIST 301A is normally offered Sept-Dec, and HIST 301B follows. HIST 301B must be taken in the same academic year as HIST 301A. Students must take both to receive credit. Only four of these credits will count toward the History major, Extended minor, or Minor requirements. The other four credits can be used for upper-level electives.

HIST 370:

The American Civil Rights Movement

4 credits

Prerequisites: HIST 242 or HIST 380; nine **Nine** credits of lower-level history

~~Transferability: Check with the institution you wish to attend.~~

~~An examination of the African-Americans' struggle for racial justice, from the 1930s to the 1960s. Topics will include major legislative and judicial landmarks, national leaders and organizations, local community struggles, gender dynamics, contribution of labour unions and white "allies" to the movement, role of media, and representation in recent films and documentaries. The focus may widen to include other aspects of racial relations.~~

This course examines the African-Americans' struggle for racial justice, from the 1930s to the 1960s, and of historiographical debates in the field. Topics will include the use of nonviolence as a strategy for social change; armed resistance and black nationalism; the place of religion in the struggle for, and resistance to, integration; gender dynamics and other tensions within the movement; the role of white allies and the federal government; the impact of the Cold War on civil rights debates; and northern racism. Special attention will be paid to popular and academic representations of the movement.

HIST 459:

Problems Topics in the Political and Social History of Latin America

4 credits

Prerequisites: Nine credits of lower-level history. (Effective September 2006: Nine credits of lower-level history, which must include one of HIST 261 or HIST 262)

~~Transferability: Check with the institution you wish to attend.~~

Advanced study of selected problems topics in Latin American history. Topics will have a regional, thematic or comparative focus, and may include contact and conquest, colonial identity, nationalism and independence, elite structures, agrarian revolution, populism, the military and society, and Latin American international relations. (Seminar-)

CALENDAR COPY: HIST 459 name has changed. Please make a global change to the database.

Calendar Copy (page 64-65)

Changes to Program: History major, extended minor and minor (addition of note)

History major requirements

Lower-level requirements: 18 credits

- six credits of 100-level history
- 12 credits of 100- or 200-level history.

Note: Students must take upper-level courses in three breadth areas: North America, Europe, and Asia/Latin America. It is recommended that students take lower-level courses in each of the breadth areas.

Upper-level requirements: 32 credits

- 12 credits at the 300-level
- 12 credits at the 400-level
- eight credits at the 300- or 400-level
- Eight upper-level credits in each of the following three areas:
 - North America
 - Europe
 - Asia/Latin America.

Note: Four of the eight credits from HIST 301 may be counted toward one of these areas, and all four credits from HIST 300 may be counted toward one of these areas but HIST 300 and HIST 301 may not be counted toward the same breadth area.

Note: Students may count three credits from THEA 201 or THEA 202 towards their History major or extended minor requirements.

Note: Students may count EDUC 323 toward the History major, extended minor or minor requirements.

History extended minor requirements

Lower-level requirements: 18 credits

Eighteen credits in lower-level history as follows:

- six credits of 100-level history
- 12 credits of 100- or 200-level history.

Upper-level requirements: 16 credits

Sixteen credits in 300- and 400-level History as follows:

- four credits at the 300-level
- four credits at the 400-level
- eight credits at the 300- or 400-level
- no more than four credits may be in Directed Studies courses.

Note: Students may count three credits from THEA 201 or THEA 202 towards their History major or extended minor requirements.

Note: Students may count EDUC 323 toward the History major, extended minor or minor requirements.

History minor requirements

Lower-level requirements: 9 credits

Nine credits in lower-level history.

Upper-level requirements: 16 credits

Sixteen credits in upper-level history:

- no more than four credits may be in Directed Studies courses.

Note: Students may count EDUC 323 toward the History major, extended minor or minor requirements.

Calendar Copy (page 253)

New Course: EDUC 323

EDUC 323/HIST 323:

History of Education in Canada

4 credits

Prerequisites: Nine credits of lower-level history

This course examines the major trends in historical writing on Canadian education and reviews the key developments in Canada's educational history from the early 19th century to the present. Themes include the emergence of the public school system in the 19th century, the politics of education before World War One, school experiences for students and teachers, progressive education ideologies, First Nations schooling, the institutional effects of gender and race/ethnicity, and curriculum change over time. An emphasis will be on education history in British Columbia.

This course is also offered as HIST 323. Students cannot take HIST 323 for further credit.

EDUC 323 will count toward the History major, extended minor or minor requirements.

3.10 GEOGRAPHY

Calendar Copy (page 267-269)

Changes to Courses: GEOG 242 and GEOG 345

GEOG 242:

Economic Geography

3 credits

Prerequisites: GEOG 140

Transferability: For transferability see the B.C. transfer guide at www.bccat.bc.ca

~~Introduces the basic concepts and theories of economic geography. Special attention is directed to an analysis of the location of settlement patterns, agricultural land use, resource extraction, energy development, manufacturing, retailing and other economic activities. The objective will be to examine the impact of economic decisions on the spatial organization of economic activity on the local, regional, national, and global scale.~~

This course introduces the basic concepts and theories of economic geography. Attention is directed to an analysis of the spatial aspects of primary resources, agriculture, energy, manufacturing and services in the contemporary capitalist economy. The objective will be to understand the impact of globalization on economic activity at local, regional and national and international scales.

GEOG 344:

Geography of Urban Development

4 credits

Prerequisites: GEOG 241 or **GEOG 242**

GEOG 345:

Historical Geography I

4 credits

Prerequisites: GEOG 241 or **GEOG 242**

Transferability: Check with the institution you wish to attend.

~~This course explores the approaches, methods, and techniques~~

~~of the field, using research drawn from a range of different historical and regional settings. Fieldwork is an integral part of the course.~~

Using research drawn from a variety of theoretical perspectives, this course explores the concepts and methods of historical geography. Focusing on North America, students will learn not only how to interpret past landscapes, but how

such an understanding continues to inform the geographies of the present.

3.11 COMMUNICATIONS

Calendar Copy (page 239-240)

CMNS 115:**Technical Communications for Trades****3 credits**

Prerequisites: CPT of 48 or a Acceptance into the Trades programs

Transferability: For transferability see the B.C. transfer guide at www.bccat.bc.ca

This course provides a practical introduction to effective written and oral communication for tradespeople. The course will examine some of the trade-specific communication needs, such as incident reporting, report writing, field reports, and technical correspondence.

Communications 115 is an introduction to the general principles and techniques of effective communications in the work place. The course examines the barriers to effective communications and how these barriers can be reduced. Common written and oral communications on the job (including customer and co-worker relations) are the focus of course assignments. Employment applications (forms, letters of applications, and resumes) and interview preparation and skills are a major practical area of the course.

CMNS 312:**Introduction to Public and Community Relations****3 credits**

Prerequisites: A first-year Communications course, or English ENGL 105, or CMNS/MACS 212 with a C or better

This course provides an introduction to the principles and applications publications of public and community relations.

Students will develop practical strategies to communicate to a variety of audiences. Students will work with clients to produce a press kit (press release, backgrounder, brochure) for a specific event. Students will also work as consultants to develop communicative strategies (e.g., media campaign) for projects and organizations.

3.12 CRIMINAL JUSTICE

Calendar Copy (page 247)

New Course: CRIM 215**CRIM 215:****Theory and Practice of Restorative Justice****3 credits**

Prerequisites: None

Transferability: For transferability see the B.C. transfer guide at www.bccat.bc.ca

This course provides students with an introduction to the theory and practice of restorative justice. Theoretical, historical, and philosophical perspectives on restorative justice will be analyzed. Foundational principles and values of restorative justice will be explored in the context of restorative justice as a response to crime and violence distinct from traditional methods within the criminal justice system. A variety of processes and program models for restorative justice will also be examined with emphasis on program effectiveness.