



Geoscience Course Equivalent List 'New' Syllabus

The current geoscience syllabi will be replaced by new syllabi on January 1, 2007.

Individuals applying for registration before this date will have their choice of the 'current' or 'new' syllabi.

Those applying for registration after this date will have their applications evaluated with respect to the 'new' syllabi.

**ASSOCIATION OF PROFESSIONAL ENGINEERS & GEOSCIENTISTS OF B.C.
GEOSCIENCE 'NEW' SYLLABUS - COURSE EQUIVALENTS**

NOTE: As this Equivalent Course List includes only some of those courses found to presently cover the material required, APEGBC Course Descriptions should be used as a more complete guide in allotting course equivalents. Courses not listed here will be evaluated to determine whether they meet the syllabus requirements. A course can only be used once as a course equivalent. If more than one course is listed and separated by a comma it means or (n.e.c.= no course equivalent). Courses must be acceptable for credit in the faculty of science or applied science. The Course Equivalent List and Syllabi may change without notice.

COMMON TO ALL GEOSCIENTISTS – 01-GEOCOM- COMPULSORY (7 OF 7 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC- O(OUC)
A1	CALCULUS (2 SEMESTERS)	MATH 151 & 152 OR 154 & 155	MATH 100 & 101, 103 OR 120 & 121	MATH 100 & 101	MATH 100 & 101	MATH 112 & 122
A2	PHYSICS (2 SEMESTERS)	PHYS 101 & 102 & 130 OR PHYS 120 & 121 & 131	PHYS 101 & 102	PHYS 110 & 111	PHYS 102,112	PHYS 112 & 122 OR PHYS 111 & 121
A3	CHEMISTRY (2 SEMESTERS)	CHEM 121 & 122 OR CHEM 122 & 126	CHEM 111 & 113	CHEM 100 & 101 & 120 & 121 Labs	CHEM 101&102	CHEM 112 & 122 OR CHEM 111 & 121
A4	INTRODUCTION TO MINERALOGY	EASC 202	EOSC 220	n.e.c.	EOS 205	EESc 200
A5	INTRODUCTION TO PETROLOGY	EASC 205	EOSC 221	n.e.c.	EOS 205	EESc 201
A6	INTRODUCTION TO SEDIMENTATION & STRATIGRAPHY	EASC 201	EOSC 320	n.e.c.	EOS 201	EESc 356
A7	INTRODUCTION TO STRUCTURE & TECTONICS	EASC 204	EOSC 323	GEOG 498	EOS 202	EESC 325

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COMMON TO ALL GEOSCIENTISTS - 01-GEOCOM- ELECTIVES (3 OF 8 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OU)
B1	INTERMEDIATE MATHEMATICS	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher
B2	INTERMEDIATE CHEMISTRY	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher
B3	INTERMEDIATE PHYSICS	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher
B4	INTRODUCTION OR INTERMEDIATE BIOLOGY	Any 100 Level BIOC or Higher	Any 100 Level BIOL or Higher	Any 100 Level BIOL or Higher	Any 100 Level BIOL or Higher	Any 100 Level BIOL or Higher
B5	INTRODUCTION TO COMPUTING	Any 100 Level CMPT or Higher	ANY 100 Level CPSC or Higher	ANY 100 Level CPSC or Higher	ANY 100 Level CPSC or Higher	Any 100 Level CoSc or Higher
B6	ECONOMICS	Any 100 Level ECON or Higher OR GEOG 221	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher
B7	PROBABILITY AND STATISTICS	STAT 101	STAT 200, 241, 251	MATH 340, 341, 342	STAT 260	STAT 121,230, BIOL 300
B8	TECHNICAL WRITING	ENSC 101	ENGL 301	ENGL 170, NRES 100	ENGL 225, ENGL 301	ENGL 235

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SPECIFIC TO ENVIRONMENTAL GEOSCIENCE - 01-EG - COMPULSORY (7 OF 7 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
A1	INTRODUCTION TO GEOMORPHOLOGY	GEOG 213	EOSC 330, GEOG 306	GEOG 210	GEOG 376	GEOG 222 , EESc 222
A2	INTRODUCTION TO GEOCHEMISTRY	EASC 208	EOSC 327	n.e.c.	EOS 240	EESc 323
A3	INTRODUCTION TO HYDROLOGY	GEOG 311	GEOG 205, CIVL 418, EOSC 329	GEOG 310	GEOG 370	GEOG 205, EESc 205
A4	QUATERNARY GEOLOGY	EASC 403, GEOG 412	GEOG 308	GEOG 411	EOS 450	EESC 431
A5	INTRODUCTION TO SOIL SCIENCE	GEOG 317	SOIL 200	FSTY 205	GEOG 379	EESc 456
A6	INTRODUCTION TO APPLIED GEOPHYSICS	EASC 207	EOSC 252, 350, 351	n.e.c.	EOS 480	GEOP 360
A7	HYDROGEOLOGY	EASC 304	EOSC 329	ENSC 451	EOS 440	EESc 342
SPECIFIC TO ENVIRONMENTAL GEOSCIENCE – 01 EG – COMPULSORY (1 OF 1 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
B1	FIELD WORK	EASC 206 & 306 OR EASC 406	GEOG 309	GEOG 333	GEOG 325, 477	EESc 335 with one of : EESc 435, EESc 437, GEOG 416

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SPECIFIC TO ENVIRONMENTAL GEOSCIENCE - 01-EG - ELECTIVES (8 OF 25 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(UC)
C1	ADVANCED GEOMORPHOLOGY I	GEOG 312, 313	GEOG 308	GEOG 311	GEOG 476	EESc 435
C2	ADVANCED GEOMORPHOLOGY II	GEOG 413	GEOG 405, 406, 408	n.e.c.	GEOG 478	n.e.c.
C3	APPLIED GEOMORPHOLOGY	EASC 303	GEOG 306	GEOG 498	GEOG 377	EESc 437
C4	ANALYTICAL GEOCHEMISTRY	n.e.c.	EOSC 325	n.e.c.	n.e.c.	EESc 333
C5	ANALYTICAL HYDROLOGY	GEOG 411	EOSC 428	n.e.c.	n.e.c.	EESc 413
C6	GROUNDWATER CONTAMINATION	EASC 410	EOSC 429	n.e.c.	n.e.c.	n.e.c.
C7	FLUID MECHANICS	EASC 409	PHYS 314, CIVL 215, MECH 280	ENSC 350	PHYS 426, MECH 345	PHYS 314
C8	SOIL MECHANICS	EASC 313	CIVL 210	n.e.c.	n.e.c.	n.e.c.
C9	ROCK MECHANICS	EASC 313	MINE 303	n.e.c.	n.e.c.	n.e.c.
C10	ENGINEERING GEOLOGY	EASC 413	EOSC 434	n.e.c.	n.e.c.	n.e.c.

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(UC)
C11	PALEONTOLOGY INTERPRETATION METHODS	GEOG 415, BISC 434	EOSC 425	n.e.c.	n.e.c.	EESc 341
C12	SEDIMENTOLOGY	EASC 402	EOSC 421	n.e.c.	n.e.c.	n.e.c.
C13	ADVANCED MINERALOGY	n.e.c.	EOSC 325, 520	n.e.c.	n.e.c.	EESc 401
C14	ADVANCED GEOPHYSICS	EASC 307, 317, 417	300 plus LEVEL	n.e.c.	EOS 470, PHYS 427	n.e.c.
C15	GEOPHYSICAL HAZARD EVALUATION	GEOG 312	GEOG 404	n.e.c.	n.e.c.	GEOG 416
C16	INTRODUCTION TO ECOSYSTEMS	GEOG 315, BISC 204	GEOG 207	BIOL 110	BIOL 215	BIOL 203
C17	WEATHER AND CLIMATE	GEOG 214	GEOG 300	ENSC 408	GEOG 372,373, EOS 340	GEOG 200
C18	GEOSCIENCE COMPUTER APPLICATIONS	GEOG 352	EOSC 211	n.e.c.	n.e.c.	n.e.c.
C19	GEOGRAPHIC SPATIAL ANALYSIS	GEOG 255	GEOG 376	GEOG 300	GEOG 228, 308, 326, 328	GEOG 373

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SPECIFIC TO ENVIRONMENTAL GEOSCIENCE - 01-EG - ELECTIVES (8 OF 25 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUIC)
C20	REMOTE SENSING OF THE EARTH'S SURFACE	GEOG 353	GEOG 373	GEOG 432	GEOG 319, 322	GEOG 272
C21	AIR PHOTO INTERPRETATION	GEOG 253	GEOG 373	GEOG 205	GEOG 222	GEOG 272
C22	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C23	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C24	THESIS IN GEOSCIENCE-Topic must be geoscience, not bioscience or chemistry	GEOG 491, EASC 499	EOSC 447, 449	ENSC 430, GEOG 430	GEOG 499, EOS 499	EESc 449, GEOG 498

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SPECIFIC TO GEOLOGY - 01-GL - COMPULSORY (7 OF 7 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(UUC)
A1	INTRODUCTION TO GEOMORPHOLOGY	GEOG 213	EOSC 330, GEOG 306	GEOG 210	GEOG 376	GEOG 222, EESc 222
A2	INTRODUCTION TO GEOCHEMISTRY	EASC 208	EOSC 327	n.e.c.	EOS 240	EESc 323
A3	INTRODUCTION TO APPLIED GEOPHYSICS	EASC 207	EOSC 252,350,351	n.e.c.	EOS 480	GEOP 360
A4	INTRODUCTION TO PALEONTOLOGY	EASC 203	EOSC 222	n.e.c.	EOS 330	EESc 341
A5/A6 ANY TWO OF	IGNEOUS PETROLOGY	EASC 301	EOSC 321	n.e.c.	EOS 310	EESc 322
	METAMORPHIC PETROLOGY	EASC 301	EOSC 322	n.e.c.	EOS 320	EESc 322
	SEDIMENTARY PETROLOGY	EASC 302	EOSC 421	n.e.c.	n.e.c.	n.e.c.
A7	REGIONAL GEOLOGY	EASC 309	EOSC 332	n.e.c.	EOS 410	n.e.c.
SPECIFIC TO GEOLOGY – 01-GL – COMPULSORY (1 OF 1 REQUIRED)						
B1	FIELD WORK	EASC 206 & 306 OR 406	EOSC 223 & 328	GEOG 333	EOS 300 & 400	EESs 335 and one of EEsc 435, 437

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SPECIFIC TO GEOLOGY - 01-GL - ELECTIVES (8 OF 30 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C1	ADVANCED MINERALOGY	n.e.c.	EOSC 325, 520	n.e.c.	n.e.c.	EESc 401
C2	IGNEOUS GEOLOGY	EASC 620	EOSC 420, 530	n.e.c.	n.e.c.	n.e.c.
C3	METAMORPHIC GEOLOGY	EASC 608	EOSC 534	n.e.c.	n.e.c.	n.e.c.
C4	SEDIMENTARY GEOLOGY	EASC 402, 611	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C5	ADVANCED STRUCTURE & TECTONICS	EASC 309, 404	EOSC 422	n.e.c.	n.e.c.	n.e.c.
C6	ADVANCED GEOMORPHOLOGY	GEOG 313	GEOG 308, 405, 406, 408	GEOG 311	GEOG 476	EESc 435
C7	ADVANCED PALEONTOLOGY	BISC 434	EOSC 425	n.e.c.	EOS 506	n.e.c.
C8	ADVANCED GEOCHEMISTRY	EASC 412	EOSC 325, 427	n.e.c.	EOS 425, 430, EOS 504	EESc 423
C9	ADVANCED GEOPHYSICS	EASC 307, 317, 417	EOSC 400 LEVEL OR HIGHER	n.e.c.	n.e.c.	n.e.c.

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C10	MINERAL DEPOSITS	EASC 401	EOSC 331	n.e.c.	EOS 420	EESc 360
C11	ORE PETROLOGY	n.e.c.	EOSC 424	n.e.c.	n.e.c.	n.e.c.
C12	MINING EVALUATION	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C13	PETROLEUM GEOLOGY	EASC 420	EOSC 432	n.e.c.	EOS 422	n.e.c.
C14	RESERVOIR EVALUATION	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C15	COAL GEOLOGY	n.e.c.	EOSC 432, 528	n.e.c.	n.e.c.	n.e.c.
C16	INDUSTRIAL MATERIALS	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C17	QUATERNARY GEOLOGY	EASC 403, GEOG 412	GEOG 308	GEOG 411	EOS 450	EESc 431

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SPECIFIC TO GEOLOGY - 01-GL - ELECTIVES (8 OF 30 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C18	HYDROGEOLOGY	EASC 304	EOSC 329	ENSC 451	EOS 440	EESc 342
C19	GROUNDWATER CONTAMINATION	EASC 410	EOSC 429	n.e.c.	n.e.c.	n.e.c.
C20	MARINE GEOLOGY	n.e.c.	EOSC 426	n.e.c.	EOS 408, 508, EOS/BIOL 311	n.e.c.
C21	INTRODUCTION TO SOIL SCIENCE	GEOG 317	SOIL 200	FSTY 205	GEOG 379	EESc 456
C22	ENGINEERING GEOLOGY	EASC 413	EOSC 434	n.e.c.	n.e.c.	n.e.c.
C23	ENVIRONMENTAL GEOLOGY	EASC 303, 411	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C24	GEOSCIENCE COMPUTER APPLICATIONS	n.e.c.	EOSC 211	n.e.c.	n.e.c.	n.e.c.

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C25	GEOGRAPHIC/ SPATIAL DATA ANALYSIS	GEOG 255	GEOG 270	GEOG 300	GEOG 222, 308, 326, 328	GEOG 370
C26	REMOTE SENSING OF THE EARTH'S SURFACE	GEOG 353	GEOG 373	GEOG 432	GEOG 228, 319, 322	GEOG 272
C27	AERIAL PHOTO INTERPRETATION	GEOG 253	GEOG 373	GEOG 205	GEOG 222	n.e.c.
C28	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C29	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C30	THESIS IN GEOSCIENCE	EASC 499	EOSC 447, 449	GEOG 430, ENSC 430	EOS 499	EESc 449

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SPECIFIC TO GEOCHEMISTRY - 01-GC - COMPULSORY (7 OF 7 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
A1	INTRODUCTION TO GEOCHEMISTRY	EASC 208	EOSC 327	n.e.c.	EOS 240	EESc 323
A2	EXPLORATION GEOCHEMISTRY OR APPLIED GEOCHEMISTRY	n.e.c.	EOSC 525	n.e.c.	n.e.c.	n.e.c.
		EASC 410	EOSC 429	n.e.c.	EOS 425, 430	n.e.c.
A3	ANALYTICAL GEOCHEMISTRY	n.e.c.	EOSC 325	n.e.c.	n.e.c.	EESc 333
A4	HYDROGEOLOGY	EASC 304	EOSC 329	ENSC 451	EOS 440	EESc 342
A5	INTRODUCTION TO GEOMORPHOLOGY	GEOG 213	GEOG 306, EOSC 330	GEOG 210	GEOG 376	GEOG 222, EESc 222
A6	INTRODUCTION TO APPLIED GEOPHYSICS	EASC 207	EOSC 252, 350, 351	n.e.c.	EOS 480	GEOP 360
A7	INTRODUCTION TO SOIL SCIENCE	GEOG 317	SOIL 200	FSTY 205	GEOG 379	EESc 456

SPECIFIC TO GEOCHEMISTRY - 01-GC - COMPULSORY (1 OF 1 REQUIRED)						
B1	FIELD WORK	n.e.c.*	n.e.c.*	n.e.c.*	n.e.c.*	n.e.c.*

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SPECIFIC TO GEOCHEMISTRY - 01-GC – ELECTIVES (8 OF 20 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
C1	IGNEOUS PETROLOGY	EASC 301	EOSC 321	n.e.c.	EOS 310	EESc 322
C2	METAMORPHIC PETROLOGY	EASC 301	EOSC 322	n.e.c.	EOS 320	EESc 322
C3	SEDIMENTARY PETROLOGY	EASC 302	EOSC 421	n.e.c.	n.e.c.	n.e.c.
C4	MINERAL DEPOSITS	EASC 401	EOSC 331	n.e.c.	EOS 420	EESc 360
C5	ORE PETROLOGY	n.e.c.	EOSC 424	n.e.c.	n.e.c.	n.e.c.
C6	ADVANCED MINERALOGY	n.e.c.	EOSC 325, 520	n.e.c.	n.e.c.	EESc 401
C7	STATISTICAL INTERPRETATION OF GEOCHEMICAL DATA	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C8	QUATERNARY GEOLOGY	EASC 403	GEOG 308	GEOG 411	EOS 450	EESc 431
C9	PHYSICAL HYDROLOGY	GEOG 311	GEOG 205, CIVL 418	GEOG 310	GEOG 370	GEOG 205
C10	GROUNDWATER CONTAMINATION	EASC 410	EOSC 429	n.e.c.	n.e.c.	n.e.c.
C11	APPLIED GEOMORPHOLOGY	EASC 303, 408	n.e.c.	GEOG 498	GEOG 377	EESc 437
C12	PEDOLOGY	GEOG 317	SOIL 200	FSTY 205	GEOG 379	n.e.c.
C13	GEOGRAPHIC - SPATIAL DATA ANALYSIS	GEOG 255	GEOG 376	GEOG 300	GEOG 228, 308, 326, 328	GEOG 370
C14	REMOTE SENSING OF THE EARTH'S SURFACE	GEOG 353	GEOG 373	GEOG 432	GEOG 228,319, 322	GEOG 272

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUC)
C15	AIR PHOTO INTERPRETATION	GEOG 253	GEOG 373	GEOG 205	GEOG 222	GEOG 272
C16	ADVANCED COURSE IN GEOCHEMISTRY	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE
C17	ADVANCED COURSE IN GEOCHEMISTRY	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE	ANY UPPER LEVEL GEOCHEMISTRY COURSE
C18	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C19	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C20	THESIS IN GEOSCIENCE	EASC 499	EOSC 447, 449	GEOG 430, ENSC 430	EOS 499	EESc 449

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SPECIFIC TO GEOPHYSICS - 01-GP - COMPULSORY (7 OF 7 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(UC)
A1	EXPLORATION GEOPHYSICS	EASC 307	EOSC 252, 350	n.e.c.	EOS 480	n.e.c.
A2	PHYSICS OF THE EARTH	n.e.c.	n.e.c.	n.e.c.	PHYS 210, EOS 470	n.e.c.
A3	ELECTRICITY & MAGNETISM	PHYS 126	PHYS 301	PHYS 202	PHYS 216	PHYS 311
A4	POTENTIAL FIELD THEORY	n.e.c.	EOSC 450	n.e.c.	n.e.c.	n.e.c.
A5	PHYSICAL PROPERTIES OF GEOLOGICAL MATERIALS	n.e.c.	EOSC 252	n.e.c.	n.e.c.	n.e.c.
A6	SEISMOLOGY	EASC 417	EOSC 353	n.e.c.	EOS 523	n.e.c.
A7	TIME SERIES ANALYSIS	n.e.c.	EOSC 354	n.e.c.	PHYS 411	n.e.c.
SPECIFIC TO GEOPHYSICS - 01-GP - COMPULSORY (1 OF 1 REQUIRED)						
B1	FIELD WORK	n.e.c. *	n.e.c.*	n.e.c. *	n.e.c. *	n.e.c. *

* Until there is an approved university field school course, APEGBC will consider appropriate field work, supervised by a professional geoscientist, as a substitute.

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SPECIFIC TO GEOPHYSICS - 01-GP - ELECTIVES (8 OF 21 REQUIRED)						
NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
C1	ELECTRONICS	PHYS 326, ENSC 220	PHYS 209, EECE 263	PHYS 305	PHYS 214	n.e.c.
C2	MECHANICS	PHYS 125	EOSC 352	PHYS 300	PHYS 431 OR PHYS 321 A & B	n.e.c.
C3	HEAT & THERMODYNAMICS	PHYS 344	PHYS 203	PHYS 200	PHYS 317	PHYS 215
C4	ELECTROMAGNETIC THEORY	PHYS 324	PHYS 401	PHYS 310	PHYS 326, 422	n.e.c.
C5	APPLIED MATHEMATICS	MATH 310	MATH 316, PHYS 312	MATH 434	MATH 323	n.e.c.
C6	NUMERICAL METHODS COMPUTING	n.e.c.	EOSC 211, CPSC 302	MATH 335	CSC 110	n.e.c.
C7	ADVANCED APPLIED EXPLORATION GEOPHYSICS	n.e.c.	EOSC 451, 452	n.e.c.	n.e.c.	n.e.c.
C8	GEO-, PALAEO-, AND ROCK - MAGNETISM	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C9	GEOPHYSICAL INTERPRETATION	n.e.c.	EOSC 550, 555	n.e.c.	n.e.c.	n.e.c.
C10	ADVANCED SEISMOLOGY	EASC 607	EOSC 551, 561	n.e.c.	n.e.c.	n.e.c.
C11	ADVANCED EARTH PHYSICS	n.e.c.	EOSC 453	n.e.c.	n.e.c.	n.e.c.

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NUMBER	DESCRIPTION	SFU	UBC	UNBC	UVIC	UBC-O(OUc)
C12	NUCLEAR PHYSICS	n.e.c.	PHYS 473	n.e.c.	PHYS 314	PHYS 413
C13	MARINE GEOPHYSICS	n.e.c.	n.e.c.	n.e.c.	n.e.c.	n.e.c.
C14	REMOTE SENSING OF THE EARTH'S SURFACE	GEOG 353	GEOG 373	GEOG 432	GEOG 228, 319, 322	GEOG 272
C15	GEOPHYSICAL HAZARD EVALUATION	GEOG 312	GEOG 404	n.e.c	n.e.c.	GEOG 416
C16	GROUNDWATER CONTAMINATION	EASC 410	EOSC 429	n.e.c.	n.e.c.	n.e.c.
C17	HYDROGEOLOGY	EASC 304	EOSC 329	ENSC 451	EOS 440	EESc 342
C18	ADVANCED COURSE IN GEOPHYSICS	ANY UPPER LEVEL GEOPHYSICS COURSE	ANY UPPER LEVEL GEOPHYSICS COURSE	ANY UPPER LEVEL GEOPHYSICS COURSE	ANY UPPER LEVEL GEOPHYSICS COURSE	ANY UPPER LEVEL GEOPHYSICS COURSE
C19	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C20	ADVANCED COURSE IN GEOSCIENCE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE	ANY UPPER LEVEL GEOSCIENCE COURSE
C21	THESIS IN GEOSCIENCE	EASC 499	EOSC 447, 449	GEOG 430, ENSC 430	EOS 499	EESc 449