

EOSC MAJORS

Minimum credits for degree: 120

This version updated: 15 FEBRUARY 2012

PLEASE NOTE: This is a **GUIDELINE ONLY**. **YOU** are responsible for checking that you meet all requirements explained in detail in the **UBC CALENDAR**.

For APEGBC requirements to become a REGISTERED GEOSCIENTIST refer to <http://www.apeg.bc.ca/> for required course content.

NOTE: Refer to the "credit exclusion lists" in the calendar before completing.

FAMILY NAME: _____ **GIVEN NAME:** _____
STUDENT NUMBER _____ **E-MAIL** _____
TELEPHONE _____

IA) FIRST YEAR REQUIREMENTS

The shaded courses are required to register for EOSC Major (1223)

<i>COURSES</i>	<i>CREDIT</i>	<i>COURSES TAKEN</i>	<i>Total</i>
PHYS* ² 101 or 107	3		/ 3
CHEM 121 or 111	4		/ 4
CHEM 123 or 113	4		/ 4
MATH 100 / 102 / 104 / 180 or equivalents	3		/ 3
MATH 101 / 103 / 105 or equivalents	3		/ 3
EOSC * ³ 100 Level	6		/ 6
EOSC 111 * ³ (lab)	1		/ 1
Communication: ENGL * ¹ 100 LEVEL	3		/ 3

IB) First Year Elective

<i>COURSES</i>	<i>CREDIT</i>	<i>COURSES TAKEN</i>	<i>Total</i>
ELECTIVE* ⁴	3		/ 3

*1 A total of 6 credits of coursework are required to meet the Communication Requirement. ENGL 112 is recommended. Qualified students are encouraged to consider ENGL 120 and/or ENGL 121. For full list of acceptable courses see Communication Requirement in the UBC calendar. NOTE: communication courses offered by the Faculty of Science such as SCIE 113 can be used as communication credits but WILL NOT count towards the required 18 credits of arts.

*2 Students without Physics 12 must normally take PHYS 100 before 101. Qualified students are encouraged to take PHYS 107.

*3 3 credits may be deferred until second year. The requirement for these courses may be waived if a student has completed upper-level courses in each of the solid and fluid earth sciences. Students wishing to register as a professional geologist (PGeo) should take EOSC110.

*4 Students without Biology 11 or 12 must take 3 credits of 100 level BIOL. This elective can be from any Faculty. **NOTE:** in addition to the two MATH courses your degree must include an ADDITIONAL 3 credits in computational science (MATH / STAT / CPSC / EOSC 211)

NOTE: only 3 lower level requirements may be carried beyond the first 60 credits (ENGL and MATH 100 (and equivalents) may not be deferred.

HOW TO REGISTER IN EOSC MAJORS (1223)

Admission requires an application to the Faculty of Science. Normally this would occur prior to registration in the summer following year 1 or, for transfer students, before you first register for courses at UBC. Early contact with an EOS advisor (see last page), to discuss your intended specialization, is strongly recommended. Note the minimum MATH, CHEM and PHYS requirements above.

PROMOTION REQUIREMENTS – For greater detail PLEASE SEE CALENDAR!!!!!!

2nd year: successful completion of 24 or more credits, of which at least 12 must be science credits from the Faculty's lower-level requirements or equivalent advanced credits. **Students must meet the minimum requirements for promotion to second year within a maximum of 48 credits of coursework attempted** (i.e., passed, failed or withdrawn) including advance and transfer credit.

3rd year: successful completion of 48 or more credits (max 72) including communication requirement. At least 15 science credits from the Lower-Level Requirements or equivalent advanced credit, and at least 15 additional science credits eligible for credit in EOSC / ATSC. **6 credits must be from ATSC or EOSC numbered 200 or above**

4th year: successful completion of 72 or more credits. Of these, 50 or more credits must be: science credits, including all of the Faculty's Lower-Level Requirements; all required courses specified in the first and second years by the specialization (but not all general electives); and at least 40% of the credits specified in the upper years by the specialization. **12 credits of ATSC or EOSC numbered 200 or above. MUST BE COMPLETED WITHIN 108 CREDITS**

II) 200 LEVEL EOSC / ATSC / ENVR COURSES: 12 CREDITS

NOTE: 6 Cr may be delayed to 3rd year if 300+ courses are used: SEE ADVISOR

COURSES	CREDIT
1 EOSC / ATSC / ENVR	
2 EOSC / ATSC / ENVR	
3 EOSC / ATSC / ENVR	
4 EOSC / ATSC / ENVR	
TOTAL	/ 12

III) 300+ LEVEL EOSC / ATSC / ENVR or EQUIVALENT COURSES: 30 CREDITS

COURSES	CREDIT
1 EOSC / ATSC / ENVR	
2 EOSC / ATSC / ENVR	
3 EOSC / ATSC / ENVR	
4 EOSC / ATSC / ENVR	
5 EOSC / ATSC / ENVR	
6 EOSC / ATSC / ENVR	
7 EOSC / ATSC / ENVR	
8 EOSC / ATSC / ENVR	
9 EOSC / ATSC / ENVR / BIO / GEOB / CHEM (see*5 below)	
10 EOSC / ATSC / ENVR / BIO / GEOB / CHEM (see*5 below)	
TOTAL NUMBER OF CREDITS:	/ 30

*5 - NOTE: 6 of these credits may be from BIOL 302, 303, 304, 306, CHEM 301, 302, GEOB 300, 304

IV). YEAR 2 AND ABOVE ELECTIVES: (Total: 48)

**Any level BUT remember you still require a total of 48 300+ credits to graduate.
Consider the VERY IMPORTANT FoS note on next page while completing**

A. COMMUNICATION

COURSES	CREDIT
1 Communication: ENGL * ¹ 100 LEVEL	/ 3

B. 12 CREDITS ARTS (or 15 if using SCIE 113 or similar for communication credits).

A total of 18 ARTS required for this degree (includes any ENGL courses used as communication credits).

COURSES	CREDIT
1	
2	
3	
4	
TOTAL	/ 12

**C. FOS MAJORS BREADTH REQUIREMENT: 9 CREDITS in additional arts and / or science
OUT OF EOSC / ATSC / ENVR (May include a mix of Arts / Science)**

COURSES	CREDIT
1	
2	
3	
TOTAL	/ 9

D. 6 CREDITS SCIENCE OR ARTS: May include additional EOSC / ATSC / ENVR

NOTE: you need a total of 72 science credits to graduate.

COURSES	CREDIT
1	
2	
TOTAL	/ 6

**E. 18 ADDITIONAL CREDITS – MAY BE IN ANY FACULTY
(PLEASE consider IMPORTANT FoS note below while completing)**

COURSES	CREDITS	
	FACULTY OF SCIENCE / ARTS	ANY OTHER FACULTY
1.		
2.		
3.		
4.		
5.		
6.		
SUB TOTALS		
GRAND TOTAL	/ 18	

IMPORTANT: FoS REQUIREMENTS

YOU MUST ALSO MEET THE FOLLOWING FoS REQUIREMENTS:

TOTAL CREDITS.....	120
OF WHICH 300+	48 *** keep an eye on this! ***
TOTAL SCIENCE CREDITS	72
OF WHICH COURSES 300+	30
TOTAL ARTS CREDITS	18
MAX CREDITS NOT IN SCIENCE	18
OR ARTS (OPTIONAL)	

ADVISORS

Please do not expect to find advisors in their office at all times on every day; you should email ahead to make an appointment or to confirm availability. Advisors will attempt to return inquiries soon as possible but as we are all faculty within the department we may be out of the office conducting fieldwork or on other business that could put us out of reach of telephones and email. If it is an emergency please contact another advisor or the department undergraduate secretary: Teresa Woodley: EOS-Main 113, 604 822 3146, twoodley@eos.ubc.ca

EOSC Majors advisors

PLEASE USE E-MAIL to set up appointments or ask general questions. Place ‘advising’ in the subject field AND INCLUDE YOUR FULL NAME AND STUDENT NUMBER on ALL communication.

**If your major leans towards oceanography / atmospheric science:
Dr. Roger Francois, Copp 3029, 604 822 6355, rfrancois@eos.ubc.ca**

**If your major leans towards geology / geophysics:
Dr. Stuart Sutherland, EOS-South 153, 604 328 0426, ssutherland@eos.ubc.ca**

If you are not sure – please contact either advisor.

**For a list of other advisors visit: <http://www.eos.ubc.ca/academic/undergraduate/advise>
For more advising information visit: <http://www.eos.ubc.ca/academic/undergraduate/advise.html>**