

Minutes of 2023 Earth Science Articulation Meeting

Hosted by Langara College



June 2nd, 2023

Meeting called to order at 1:30 pm

Chair: Duncan Johannessen

Attendance (in person): Terence Day (Okanagan), Deirdre Hopkins (Selkirk), Gordon Weary (Coast Mtn.), Mary Samolczyk (Yukon College), Brett Gilley (UBC-V), Craig Nichol (UBC-O), Jerome Lesemann (VIU), Mark Smith (Langara), Derek Turner (Douglas), Duncan Johannessen (U. Vic.), Steve Earle (TRU-OL), Nasr Khalifa (Camosun), David Wray (La Salle)

On-line: Leanne Pyle (Camosun), James Gifford (Fairleigh-Dickensen U), Terry Neufeldt (TWU), Tim Stokes (VIU), Siobhan McGoldrick (U. Vic)

Regrets: Nancy van Wagoner (TRU), John Martin (KPU), Russell Hartlaub (BCIT)

(Contact information for attendees is provided at the bottom of the document)

1) Approval of the minutes from 2022 meeting: carried

2) Institution reports

Most institution reports were submitted in written form prior to the meeting. Brief highlights from the oral reports are as follows:

- a) **Okanagan College** (Terence): nothing to report.
- b) **TRU** (Nancy): Hiring (please contact her).

- c) **UBC-V** (Brett): Huge turnover of faculty. 8 retirements in geology over next 4 years, not 8 hires. Arts is changing science requirements.
- d) **UBC-O** (Craig): Physical Geology, Environmental Earth Science (Jan. 2024), with labs will be required for BSc., Earth History course for majors will be 2nd-year.
- e) **Selkirk** (Deirdre): Lots of international students, which is good for domestic students. New residences have been constructed. Working on pathways for transfer to Earth Science degree elsewhere. Enrolment is good.
- f) **Douglas** (Derek): Enrolments are soft. (Entirely international students.) Hiring a full-time position (Struct. Geol., Minex), 2nd-year field school went this summer. Recommends the Bear Mountain Mine at Harrison Lk. Took students to Phoenix Mine for field school. NAGT PNW section meeting (June 19 to 21) is hosted by Douglas next month.
- g) **Coast Mountain** (Gord): May not have any domestic enrolment in geoscience this year but lots of Associate of Arts students taking 1st year geoscience course. English ability is an issue.
- h) **Yukon U.** (Mary): Collaboration with VIU was awesome. First graduates this year from 2-year program. Low intake last September (3), more this year (8-9).
- i) **Camosun** (Leanne): no report
- j) **Langara** (Mark): Dynamic Earth is 1107 (identical course – needs to ensure that it is articulating). Does the whole articulation grid need a look?
- k) **TRU-OL** (Steve): No changes to courses or faculty, enrolments are soft.
- l) **Trinity Western U** (Terry): Terry has just retired, will be teaching geology part time.
- m) **VIU** (Jerome): Continuing with on-line introductory courses (and face-to-face), had Yukon U. students at field school and will have YU transfer students in classes this fall. Working on an agreement with Douglas. Enrolments are soft.
- n) **U-Vic** (Duncan): There has been a lot of faculty and staff turnover – lots of lost institutional knowledge. International enrollment still down, financial cutbacks and belt tightening. Concern over capacity to teach hard rock courses in near future.
- o) **Fairleigh-Dickinsen U.** (James): Will be articulating geology courses – all face-to-face
- p) **LaSalle College** (David Wray): Moving to a new campus, lots of new students in Associate of Arts program.

3) Recruitment and outreach

General agreement that we could be doing more to raise awareness of Earth Science as an option at College/University. Discussion of relative merits of class visits, Pro-D day workshops, etc. Duncan suggests posters to explain career paths in Earth Science to go to high school Guidance Counsellors. Craig suggests getting Education students to job-shadow a TA in Earth Science to give them some background. VIU has been building modules for high school teachers. Jerome suggests finding a teacher that is keen and is committed to taking on GEOL 12 course. Duncan does a hands-on Plate Tectonics activity with grade 8 students after they have covered the rocks and plate tectonic material that is in the gr. 8 curriculum – plan to post activities like this on our Moodle site to share them. UBC EOS is going to petition the Dean to add Earth Science as a 1st year requirement for science students – paired with a flexibility for required 1st year sciences (e.g. need 3 lab sciences from the a list – not just the classic three).

4) Committee chairs

Jerome will take over the lead role. Duncan is willing to stay on, but if someone else wants to become a chair or chair in training, please let Duncan or Jerome know. Current model of Chair retained for 2-3 years seems to work well.

4) Next meetings

Last year Nancy suggested TRU in 2025, but that may work for 2024. Jerome suggested VIU could work in 2024. There was discussion about inviting Environmental Programs to a joint meeting. Brett suggested that an articulation meeting in June could be held at UBC's Oliver field station. Suggested talking about professional registration options at next year's meeting. Also discussion of inclusion of Environmental Studies/Science Articulation committee for at least one year, possibly ongoing joint or co-timing of meetings to allow people in both groups to attend both in one trip. Consider joint meetings with Geography being something we repeat on a regular basis (format, collaboration and convenience generally well liked).

Actions – **Duncan/Jerome** to contact Nancy and see if 2024 is an option, or 2025. **Jerome** to look into 2024 at VIU as an option. **Brett** to look into Oliver field station for future meeting (any year).

Meeting adjourned at 3:10

Minutes by S. Earle

2023 Earth Sciences Articulation attendees

Institution	Name	e-mail
Camosun C.	Leanne Pyle	pylel@camosun.bc.ca
Camosun C.	Nasr Khalifa	khalifa@camosun.bc.ca
Coast Mountain C.	Gordon Weary	gweary@coastmountaincollege.ca
Douglas C.	Derek Turner	turnerd1@douglascollege.ca
Langara C.	Mark Smith	masmith@langara.bc.ca
Okanagan C.	Terence Day	tday@okanagan.bc.ca
Selkirk C.	Deirdre Hopkins	dhopkins@selkirk.ca
Thompson Rivers U. - OL	Steve Earle	steven.earle@viu.ca
Trinity Western U.	Terry Neufeldt	terry.neufeldt@twu.ca
UBC – Okanagan	Craig Nichol	craig.nichol@ubc.ca
UBC - Vancouver	Brett Gilley	bgilley@eoas.ubc.ca
U. Victoria	Duncan Johannessen	duncanj@uvic.ca
Vancouver Island U.	Jerome Lesemann	jerome.lesemann@viu.ca
Vancouver Island U.	Tim Stokes	tim.stokes@viu.ca
Yukon U.	Mary Samolczyk	msamolczyk@yukonu.ca
La Salle College	David Wray	dway@lasallecollegevancouver.com
Others not present		
Simon Fraser U.	Kevin Cameron	kjc@sfu.ca

Thompson Rivers U.	Nancy van Wagoner	nvanwagoner@tru.ca
C. of the Rockies	Katie Burles	kburles@cotr.bc.ca
Kwantlen Poly. U.	John Martin	John.Martin@kpu.ca
BCIT;	Russell Hartlaub	russell_hartlaub@bcit.ca

Action: Duncan/Jerome to look over list of institutions not represented and reach out to departments to inquire about representatives.

