

UCA-UBC EES Curriculum Development Project: Expectations for UBC Faculty Partners

Each of the 22 courses we are building for UCA's Earth and Environmental Sciences (EES) program will be based upon analogous courses offered at UBC. Roughly half will be derived from Geography courses and the other half from Earth, Ocean and Atmospheric sciences. Courses from the Earth and Environmental Sciences program at UBC-Okanagan campus (<http://eesc.ok.ubc.ca/>) may also contribute.

The development team for each course consists of:

- **One or more UBC faculty "subject experts"** who have taught or are teaching the analogous course;
- **One Science Education Specialist (SES)** who will be responsible for working with the UBC subject expert and UCA advisors to construct all components of the course.
- **UCA advisors** and an EES Curriculum Review Committee that will review early versions of syllabi, lesson plans, assignments and assessments. This means there will be some iteration.
- **The UBC project coordinator** will help ensure all 22 courses are sufficiently consistent to enable efficient transfer from the development team to the UCA teaching team.
- **Undergraduate and/or graduate student assistants** may be available to work under the supervision of the SES. They may help with routine construction and user testing.

Benefits of participating

This will be a highly interesting and rewarding opportunity from several perspectives. In particular:

- Working with an SES presents an opportunity to upgrade lessons, homework or assessments, and incorporate alternative contexts (mountain regions, Central Asia, etc.).
- Sharing your research / educational expertise will enhance post-secondary capacity in Central Asia.
- Research and professional relations already exist between some UBC faculty and central Asian colleagues. This curriculum development project should facilitate further opportunities.
- There may be opportunities to join the development team in travelling to central Asia to meet project partners, UCA students and UCA researchers.
- There is also a small monetary incentive available to UBC faculty. \$3000.00 is available as an honorarium for each course, which could be split by several subject experts if appropriate.

Contributions

As this is a complex and extended project, opportunities and tasks may evolve as the project progresses. UBC faculty who participate as subject experts may contribute as follows. Ideally they should ...

- ... either be teaching or have taught the analogous UBC course.
- ... review the *Memorandum of Understanding* and the *UCA-UBC Agreement*. Both documents were signed by UBC's president and UCA's Chairman of the Board of Directors, Jan 10th, 2017.
- ... provide teaching, learning and assessment materials, within the constraints of the contractual obligations in Section 6, Intellectual Property, of the UCA-UBC Agreement.
- ... contribute roughly 1 hour per week for up to a year (equivalent, but spread over 18-36 mths depending upon progress and courses.) to consult with SESs. There may be "busier" and "quieter" periods as the project progresses.
- ... answer emailed questions and provide advice to SESs, the coordinator and UCA partners.
- ... if possible, be available during UCA faculty training sessions. These may include virtual conferences and training workshop for UCA faculty at UBC, probably in the summer of 2019.
- ... NOT commit a significant amount of time beyond suggestions above. In fact, this project is not supposed to impose on normal faculty duties. See also "benefits of participating" above.

Please contact the project coordinator (Francis Jones, fjones@eoas.ubc.ca) for further details.