

QuEST project recommendations

Date: Friday, December 8, 2023

No.	Recommended curricular renewal or marketing objectives*	No. items	Recommendation types**						implementation context				ratings (low - high = 1 - 3)			
			1	2	3	4	5	6	course or crs set	degree	dep't	market ing	urgency	impactful	cost of implem't	cost of sustaining
TARGET: ENHANCING COURSES																
1	Rejuvenate syllabi and CLOs	4			✓	✓	✓		✓				3	3	1	1
2	Enhance QES learning by focusing on "quantitative critical thinking"	11		✓				✓	✓				2	2	1	1
3	Increase use of applications and context	3		✓	✓	✓	✓	✓	✓				2	2	1	1
4	Quantitative concepts in service courses.	7		✓		✓			✓		✓		2	2	2	1
TARGET: EXISTING DEGREES																
5	Revitalize degree priorities and corresponding PLOs	6			✓	✓	✓			✓			3	2	1	1
6	Enhance delivery of existing degree programs	5	✓	✓	✓	✓	✓	✓	✓	✓			2	3	3	1
TARGET: ADJUSTING DEGREE PROGRAMS																
7	Adjusting current degree programs	4	✓	✓	✓		✓	✓		✓			2	3	2	2
8	Alternative perspectives on a QES degree	6	✓	✓	✓	✓		✓		✓	✓		1	3	3	3
TARGET: IDEAS AT THE DEP'T LEVEL																
9	Enhance and streamline faculty & TA support and development	6						✓		✓			1	2	2	2
TARGET: STUDENT SUPPORT																
10	Increase students' sense of community within EOAS & QES3	3			✓	✓	✓			✓			3	2	1	1
11	Improve the efficiency and efficacy of QES program advising	6		✓			✓	✓		✓	✓		3	3	2	2
TARGET: CAREER PREPARATION																
12	Incorporate career-related settings into learning activities and tasks	9		✓	✓		✓		✓		✓		3	3	1	1
13	Improve the support for professional registration.	6			✓		✓			✓	✓		3	2	1	1
TARGET: MARKETING QES																
14	A quantitative EOAS first year course	19		✓		✓			✓		✓		2	2	3	2
15	Establish a sustainable marketing strategy.	8				✓		✓			✓	✓	3	3	2	2
16	Attract BSc students as they choose their degree specialization.	6				✓		✓			✓	✓	3	3	1	1
17	Showcase things students learn and experience	8				✓	✓	✓			✓	✓	3	2	1	1
18	Foster partnerships emphasizing QES	11		✓	✓	✓		✓	✓		✓	✓	2	2	2	2
19	Engage in active outreach to high schools and Vantage	6				✓					✓	✓	2	2	2	2
20	Alumni engagement	6			✓		✓	✓			✓	✓	2	3	2	1
21	Enhance EOAS website content for QES recruiting	9				✓	✓				✓	✓	3	3	1	1

*Recommended curricular renewal or marketing objectives or "aspirations"

For each recommended **objective** see corresponding recommended **actions** at --> <https://blogs.ubc.ca/eoasquest/>

**Types of recommendations emerging from QuEST project work

- 1 Establish new approaches to inter-disciplinary QES education across the Earth sciences.
- 2 Enhance the depth, breadth or relevance of quantitative learning .
- 3 Support career awareness and preparation for existing students.
- 4 Attract appropriate students into QES degrees.
- 5 Inspire / motivate enrolled students regarding quantitative aspects of Earth sciences.
- 6 Foster a dep't culture of more efficient & effective engagement with undergraduates.