

HYDROLOGY Graduate Programs: Faculty Assessment Rubric

Please note: This form is an essential tool in our University-mandated effort to assess graduate training in our graduate programs. Aggregate data (not individual) will be used to assess our programs' success in fostering expected learning outcomes:

1. Demonstrate mastery of at least four of the following topics* (water quality, subsurface hydrology, surface water hydrology, systems hydrology, water policy)
2. Conduct basic hydrological measurement techniques
3. Analyze hydrologic data and formulate conclusions
4. Effectively communicate hydrologic concepts and research
5. Produce and/or publish, e.g. data summaries, reports, journal-quality papers on research results

The same benchmarks should be used for all graduate students, both beginning and advanced students. Low marks for beginning students are interpreted as a reflection of their recent entry into the program. Similarly, high marks for advanced students indicate success in achieving the learning objectives in our graduate training as outlined below.

Graduate students will be assessed throughout their residency, particularly upon completion of Year 1 and upon completion of the final oral examination (defense of report, thesis, or dissertation).

Student Name: _____ Date: _____

Semester/Year of Study: _____ Advisor: _____

Degree Program (select one): Non-Thesis Option | Thesis Option | Dissertation

Semester of Study (select one): End of Year 1 | End of Year ____ | Degree Completion

Expected Learning Outcomes	Score (circle one): 1 Needs Improvement, 2 Average, 3 Good, 4 Excellent/Exceeds
1. Mastery of topics (water quality, subsurface hydrology, surface water hydrology, systems hydrology, water policy)	<p style="text-align: center;">1 2 3 4</p> Comments:
2. Conduct basic hydrological measurement techniques	<p style="text-align: center;">1 2 3 4</p> Comments:
3. Analyze hydrologic data and formulate conclusions	<p style="text-align: center;">1 2 3 4</p> Comments:
4. Effectively communicate hydrologic concepts and research	<p style="text-align: center;">1 2 3 4</p> Comments:
5. Produce and/or publish data summaries/reports, journal-quality papers on research results* *For PHD students only, papers which constitute a new contribution to the discipline	<p style="text-align: center;">1 2 3 4</p> Comments: