PhD Curriculum Declaration

The School of Freshwater Sciences faculty recommended, and UWM governance committees approved, changes to the PhD curriculum to take effect spring 2018. Typically, students complete the requirements that are in place during the semester of initial enrollment.

However, students who enrolled prior to spring 2018 have the option of following the new or old requirements. If you are in this category and would like to change to the new requirements, you must declare your intention to do so before November 3, 2017. Anyone who does not respond by November 3, 2017 is assumed to continue under the current curriculum. This declaration confirms your commitment to complete the requirements as stated below for the remainder of your program. This form should be submitted to Mallory Kaul, Academic Affairs Manager. You should consult with your advisor as to the best option for your particular situation. An updated Plan of Study should be submitted to the Academic Office as soon as possible. Requirements for each curriculum are listed below.

Curriculum guidelines for students admitted fall 2017 or prior

Students must earn 54 credits beyond the bachelor’s degree, of which 24 credits may be taken from formal coursework completed as part of a master’s degree. Students are required to take two integrative Seminar courses (Frshwtr 901) and two Freshwater Sciences Practicum courses (Frshwtr 512), as well as Frshwtr 504 Quantitative Freshwater Analysis. In addition, students must complete at least 9 credits of dissertation research. Elective courses are selected in consultation with the student’s PhD committee. A minimum of 27 credits must be earned in residence at UWM. Students may take up to a maximum of 9 credits of independent study counting toward their degree.

Students must be proficient in at least three of the four areas of study: 1) freshwater systems, 2) human and ecosystem health, 3) freshwater technology, and 4) freshwater economics, policy, and management. To meet this requirement, core courses are offered in each of these respective areas: Frshwtr 502 Aquatic Ecosystem Dynamics, Frshwtr 506 Environmental Health of Freshwater Ecosystems, Frshwtr 508 Aquatic Technology (formerly Freshwater Engineering), and Frshwtr 510 Economics, Policy, and Management of Water.

The student’s doctoral committee can recommend an exemption from taking the core course in any area that the student is deemed proficient. For more information on exemptions, please contact the SFS Graduate Program Representative. Requests for exemption from Frshwtr 504 Quantitative Freshwater Analysis follow the same guidelines as the core course proficiency policy.

Curriculum guidelines for students admitted spring 2018 or beyond

Students must earn 54 credits beyond the bachelor’s degree, of which 24 credits may be taken from formal coursework completed as part of a master’s degree. A minimum of 27 credits must be earned in residence at UWM. Students may take up to a maximum of 9 credits of independent study counting toward the degree.

Required courses (5 credits)
- Two Frshwtr 900 Colloquium in Freshwater Sciences (1 credit each)
- English 890 Science, Communication, and Public Engagement (3 credits)

Four of the following (12 credits)
- Frshwtr 502 Aquatic Ecosystem Dynamics (3 credits)
- Frshwtr 504 Quantitative Freshwater Analysis (3 credits)
- Frshwtr 506 Environmental Health of Freshwater Ecosystems (3 credits)
- Frshwtr 508 Aquatic Technologies (3 credits)
- Frshwtr 510 Economics, Policy, and Management of Water (3 credits)

One of the following (3 credits)
- Frshwtr 513 Field Experimentation and Analysis in Freshwater Sciences (3 credits)
- Frshwtr 514 Analytical Techniques in Freshwater Sciences (3 credits)

Elective courses (17 credits)
To be selected in consultation with the student’s committee

Dissertation research (17 credits)
- Frshwtr 990 Doctoral Research and Dissertation

☐ I declare that I will follow the fall 2017 and prior curriculum for the remainder of my program.

☐ I declare that I will follow the spring 2018 and beyond curriculum for the remainder of my program.

Student Name (Printed): ___________________________ Student Signature: ___________________________ Date: __________

Advisor Name (Printed): ___________________________ Advisor Signature: ___________________________ Date: __________