**Plan of Study Toward the QERM Master’s Degree**

**Instructions:** The purpose of the Plan of Study is to obtain guidance from your advisory committee on which courses you should take during your degree and to keep track of program milestones. This plan will be based largely on your research, other interests, and long-term career goals. Return a committee-signed copy to the QERM Program Coordinator located in Ocean Teaching Building #366. (You may revise this form in later quarters if major changes are made to your plan of study.)

**Student Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Faculty Adviser Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**A. Required QERM Master’s coursework:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Title** | **Credits** | **Planned**  **Qtr. & Yr.** |
| \*BIOSTAT 522 | Statistical Inference for Biometry I | 4 |  |
| \*BIOSTAT 523 | Statistical Inference for Biometry II | 4 |  |
| \*QERM 514 | Analysis of Ecological and Environmental Data | 4 |  |
| \*SEFS 540 | Optimization Techniques for Natural Resources | 5 |  |
| \*AMATH 523  or  \*AMATH 535 | Mathematical Analysis in Biology and Medicine (offered even numbered years)  or  Mathematical Ecology (offered odd numbered years) | 5 |  |
| CSE 583 | Software Development for Data Scientists | 4 |  |
| QERM 597 | QERM Autumn Seminar (first year students) | 2 |  |
| QERM 597 | QERM Winter Seminar (all QERM students) | 2 |  |
| Ecology Elective | Refer to list of recommended ecology electives | variable |  |
| QERM 600 | Independent Study (as needed) | variable |  |
| QERM 700 | Master’s Thesis Credits (minimum of 9 required) | 9 |  |

\* The QERM PhD Qualifying Exam covers topics from these classes.

**B. Recommended QERM Master’s coursework:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Title** | **Credits** | **Planned**  **Qtr. & Yr.** |
| IND E 512,  IND E 513, or AMATH 514 | Course in Linear Optimization strongly recommended if relevant to research. | variable |  |

**C.** **Additional required coursework determined in conjunction with Supervisory Committee:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Title** | **Credits** | **Planned**  **Qtr. & Yr.** |
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**D. Recommended coursework determined in conjunction with Supervisory Committee.** These courses are recommended, but not required to graduate. Include audited courses in this section.

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| --- | --- | --- | --- |
| **Course** | **Title** | **Credits** | **Planned**  **Qtr. & Yr.** |
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**E.** **Estimated milestone completion dates** (for planning purposes only):

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| --- | --- | --- |
| **Milestones** | **QERM Timeline** | **Estimated Completion**  **Qtr. & Yr.** |
| Confirm advisor and funding plan | 3rd quarter (Spring) |  |
| Form Supervisory Committee and hold first meeting | 5th quarter (Autumn) |  |
| Plan of Study approved by Supervisory Committee | 5th quarter (Autumn) |  |
| Thesis Proposal Approved by Committee | 6th quarter (Winter) |  |
| \*Final Exam (oral defense) and Thesis Submission  (must be registered during the quarter of exam and submission) | 8th or 9th quarter (Summer or Autumn) |  |

\* The student and committee should plan to complete the thesis in the 8th or 9th quarter. However, failure to meet this target will not automatically trigger programmatic action because the pace of research progress is difficult to predict and can be delayed by many factors that cannot be controlled by the student.

**Overall minimum course requirements** (established by the UW Graduate School):

* At least 36 credits must be completed.
  + All courses numbered 400-799 that are numerically graded 2.7 and above, or have a grade of Satisfactory or Credit ('S' or 'CR') count toward the 36 credit total. 499 courses are not counted in the 36 credit total.
  + Courses graded less than 2.7 do not count towards the 36 credit total.
  + At least 18 credits must be in courses numbered 500 and above.
  + 18 credits must be numerically graded in department approved 400-level courses accepted as part of the major and in 500-level courses. This excludes 499 and transfer credits.
  + No more than 6 graduate level quarter credits can be transferred count toward the 36 credit total.
  + No more than 12 UW Graduate Non-matriculated credits can be applied to the 36 credit total.
  + No more than 12 credits derived from any combination of UW Graduate Non-matriculated credits and transfer credits can be applied to the 36 credit total.
  + If a student repeats a non-repeatable class, only one set of credits counts toward the 36 credit total.
* A minimum cumulative GPA (grade point average) of 3.00 is required for a graduate degree at the University.
* The online Master's Degree Request must be filed.
* Must complete all degree requirements within six years.
  + The timeframe/clock begins on the first day of the quarter that the Graduate student uses a course to satisfy degree requirements when he/she is coded as either a Graduate Non-matriculated student (department code with class 6) or as a Graduate student (department code with class 8) in the department to which he/she is admitted.
  + UW Graduate Non-matriculated credits used towards the 36 course credit total are counted in the six years.
  + Quarters spent On-Leave and out of status are counted in the six years.
* Must maintain registration through the end of the quarter in which the degree is conferred or, if eligible, pay the Graduate Registration Waiver Fee within 14 days following the last day of the quarter in which all degree requirements were met.
* Thesis track students are required to take a minimum of 9 thesis credits in their 36 credit total.
* Thesis Track students are required to submit their electronic thesis by 5 pm on the last day of the quarter.

**F. Thesis Proposal Submission Date (estimate):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**H. Additions, modifications, or other notes by the Supervisory Committee** (complete Master’s Committee Meeting Documentation Form)

**Approval of Supervisory Committee:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Role** | **Printed Name** |  | **Signature** |  | **Date** |
| Chair |  |  |  |  |  |
| Member |  |  |  |  |  |
| Member |  |  |  |  |  |
| Member |  |  |  |  |  |

Forward to QERM Student Services Office (Ocean Teaching Building #366, Mailbox 357941) for final review and approval by QERM GPC.

**Office Use Only:**

Approved by QERM GPC: Date: