

Environmental Toxicology

Graduate Coordinator: Dr. Russell Carr

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Admission Criteria

To be admitted to the Ph.D. graduate program in Environmental Toxicology, the applicant must have at least a bachelor's degree from a fully recognized four-year institution of higher learning and preferably an M.S. in a related field of study. The scholastic record for all undergraduate, graduate, and professional school coursework will be reviewed and should exceed a minimum GPA of 3.00 for undergraduate work; GPA of 3.00 for any graduate work; GPA of 2.75 for the four years of the veterinary curriculum, if applicable. Also required are three reference letters, a minimum TOEFL score of 550 PBT (79 iBT) or IELTS score of 6.5 for international students where English is not the primary language, and if a Graduate Record Examination score is available, those scores will be considered.

Provisional Admission

In special circumstances a student who does not meet admission criteria may be admitted provisionally if approved by the Graduate Program Advisory Committee. See Provisional Admission under Admission in this publication for provisional requirements.

Academic Performance

If a student does not show satisfactory progress toward meeting academic, research, and/or dissertation requirements, his/her performance will be reviewed in a meeting with the student's graduate committee. This committee may recommend a change in the student's program or recommend that the student be dismissed from the graduate degree program in the College of Veterinary Medicine. Preliminary exams and the proposal are to be completed and approved/submitted by the end of year three in the program; either one can be completed first. Both must be completed for admission to candidacy. Students must follow all guidelines outlined in the *Graduate Catalog*.

Doctor of Philosophy in Environmental Toxicology (for students with a master's degree)

CVM 9000	Dissertation Research/ Dissertation in Veterinary Medicine	20
Three seminar courses (CVM 8011 or equivalent) ¹		3
Two statistics courses ^{1,2}		6
Graduate-level courses (at least 12 hours of all coursework must be at 8000-level) or additional CVM 9000 credits ³		31
Total Hours		60

¹ Equivalency of seminars and coursework is determined by the student's graduate committee.

² Previous graduate level statistics courses can satisfy this requirement with approval of the student's graduate committee. Transfer of credit for any previously taken courses is subject to the MSU *Graduate Catalog* policy. Graduate-level statistics courses that have counted towards a previous degree can satisfy this policy but will not be calculated towards the Ph.D. coursework hours.

³ Coursework taken at the M.S. level will be counted toward the 24 hours required if approved by the Ph.D. graduate committee.

The student must pass a preliminary examination which covers the major and supportive fields and a final examination which is a defense of the dissertation. In addition, the student must present an open seminar of the dissertation research prior to the oral final examination. The student must adhere to the University and College regulations regarding his/her graduate program.

Doctor of Philosophy in Environmental Toxicology (for students with a bachelor's but no master's degree)

CVM 9000	Dissertation Research/ Dissertation in Veterinary Medicine	20
Three seminar courses (CVM 8011 or equivalent) ¹		3
Two statistics courses ²		6
Graduate-level coursework		15
Additional graduate-level coursework and/or CVM 9000 credits ³		46
Total Hours		90

2 *Environmental Toxicology*

- 1 Equivalency of seminars and coursework is determined by the student's graduate committee.
- 2 Previous graduate level statistics courses can satisfy this requirement with approval of the student's graduate committee. Transfer of credit for any previously taken courses is subject to the MSU *Graduate Catalog* policy. Graduate-level statistics courses that have counted towards a previous degree can satisfy this policy but will not be calculated towards the Ph.D. coursework hours.
- 3 Students must have 24 hours of graduate coursework to graduate with a Ph.D. in Environmental Toxicology.

The student must pass a preliminary examination which covers the major and supportive fields and a final examination which is a defense of the dissertation. In addition, the student must present an open seminar of the dissertation research prior to the oral final examination. The student must adhere to the University and College regulations regarding his/her graduate program.