

Proposed Assessment Plan for the Forensic Science MS Program

Student Learning Goals/Objectives	Courses Resulting in Achievement of Goals/Objectives	Assessment Activities Measuring Achievement of Goals/Objectives	Measures of Achievement of Goals/Objectives	Timetable
1. Students will develop expertise in areas of scientific knowledge that are essential to forensic scientists	Forensic Science core courses: FOR 612, FOR 614, FOR 616, FOR 618, and CHE/BIO 672	ABC Forensic Science Assessment Test	>66%tile: exceeds expectations 45-66%tile: meets " 33-44%tile: approaching " <33 %tile: does not meet "	Spring semester of 2 nd year in attendance or after completion of all core requirements
2. Students will acquire skills and experience in the application of basic forensic science concepts and of specialty knowledge to problem solving	Forensic Science laboratory courses: FOR 614, FOR 616, and BIO/CHE 672	Laboratory report evaluations in FOR 614	Score on laboratory reports: >90%: exceeds expectations 80-90%: meets " 70-80%: approaching " <70%: does not meet "	Spring of every year in FOR 614.
3. Students will be oriented in professional values, concepts and ethics	FOR 612	Exams, written assignments	Evaluation of imbedded "ethics" questions in exams and written assignment on "ethics".	Fall of every year that FOR 612 is offered
4. Students will acquire the basic knowledge necessary for effective testimony as an expert witness	FOR 612	Exams, written assignments	Evaluation of imbedded "testimony" questions in exams and written assignment on "testimony".	Fall of every year that FOR 612 is offered
5. Students will demonstrate effective oral communication of scientific information	FOR 612, CHE/BIO 672, CHE 699	Assessment tool designed for evaluation of student seminars by all faculty members.	Avg. score on assessment tool: >4.0: exceeds expectations 3.0-4.0: meets " 2.0-3.0: approaching " <2.0: does not meet "	Ongoing, generally during students' 2 nd year
6. Students will demonstrate integration of knowledge and skills through a capstone experience	CHE 699, CHE/BIO/FOR 795	Thesis research and thesis defense	Evaluation of thesis research and thesis defense by the thesis committee	Ongoing, upon completion of research and preparation of thesis