

—IE Measures—
 Date Submitted: September, 1999
 Department Name: Chemistry

Department Chair: Dr. Glenn Cunningham
 Participating Faculty: Drs. Ballantyne, Belfield, Cunningham, Clausen, Elsheimer, Hampton, Geiger, Kujawa, Madsen, Matsui, McGee, Miles, Phanstiel, Price, Richardson, Fookes

Program Name & CIP Code: Forensic Science, CIP #43.0106 Level (U or G): Bachelor

Example of Linkage between Expanded Statement of Institutional Purpose, Departmental/Program Intended Outcomes/Objectives, Assessment Criteria and Procedures, Results, and Use of Results at our University

Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/Objectives	Assessment Criteria & Procedures	Assessment Results	Use of Results
<p>Mission Statement: The Department of Chemistry seeks to expand the unique and nationally recognized B.S. Forensic Science Program into graduate level education. The current Chemistry/Biochemistry themes will extend into Forensic Anthropology and Forensic Technology activities to match the national professional needs.</p>	<p>1. 70% of graduates in Forensic Science will pass the American Board of Criminalists exam.</p>	<p>1. (a) Students in their final year will take the National Examination of the American Board of Criminalists. 1. (b) The Department respectfully requested that a waiver of the requirement for a second measure for item #1 be granted. No other nationally administered exam exists.</p>	<p>1.(a) This is a new test that will be taken by Forensic Science students for the first time in the Fall of 1999. 1.(b) Waiver granted and no data to report.</p>	<p>1 (a) No results in the current cycle. 1 (b) No results in the current cycle.</p>

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<p>Vision Statement: The program has a multidisciplinary mission to provide an outstanding educational experience for future forensic scientists.</p>	<p>2. Eighty percent of graduates will demonstrate abilities to conduct scientific investigations, report the analyses of those studies, and make the analyses ready for presentation to the courts.</p>	<p>2. (a) All students will complete a six hundred hour internship in an accredited ASCLAD laboratory, working under the supervision of an experienced Senior Forensic Scientist. The supervisor submits a written assessment of the student's performance in three selected skill areas mentioned in column 2.</p> <p>2. (b) All students write a paper upon a research/investigative topic, styled upon the American Academy of Forensic Sciences Journal guidelines. The review of the three selected skill areas, mentioned in column 2, by the supervisor and faculty is scored on a 0-5 scale. Eighty percent will achieve 4 or better.</p>	<p>2. (a) Assessment based upon a scale of 0-4 conducted by the professional supervisor. 86% (8 candidates) were assessed as 4.</p> <p>2. (b) 86% (8 candidates) were assessed at 4 or 5.</p>	<p>2 (a) Data reviewed by faculty. The results confirm the relevance of the curriculum in meeting the professional needs of forensic Scientists. Internship assessment provided to Human Resources division, if requested, at recruitment.</p> <p>2 (b) Data establishes the abilities of candidates to disseminate scientific information in a style acceptable to the Court.</p>

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 Results, and Use of Results at our University*

Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/Objectives	Assessment Criteria & Procedures	Assessment Results	Use of Results
	<p>3. Students will comprehend the ethical and legal issues essential to their career paths. It is anticipated that seventy percent of graduates will meet professional standards on the first attempt.</p>	<p>3. (a) Student understanding of the ethical and legal issues of the profession will be evaluated by a panel of Forensic Science experts upon interview with the student.</p> <p>3. (b) All students undertake a review of current legal issues and prepare a presentation for assessment by a three member Forensic Science forum each semester beginning with Fall 1999.</p>	<p>3. (a) 100% (42 candidates) were assessed as competent.</p> <p>3. (b) New procedures waiver sought.</p>	<p>3 (a) Faculty monitor student performance as a value benchmark of subject matter presented in the program</p> <p>3 (b) Data available for future review cycles.</p>