

UNIT REPORT

Forensic Death Investigation - 01.Reviewer's Report - Academic Data

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Forensic Death Investigation

Forensic Death Investigation Mission

Mission:

The College's mission includes the promotion and fostering of graduate education in pharmaceutical, clinical, administrative and psychosocial sciences. Students are educated to become distinguished contributors to pharmacy and related disciplines. These programs support that mission. The Forensic Death Investigation certificate program enables the university to fulfill one of its fundamental purposes, teaching, on a far greater scale. The online format provides an opportunity to obtain a high quality, rigorous graduate certificate for students constrained by work and family commitments. Enrollment in the program provides resources for faculty development, seeding of research and program growth and graduate student support. Graduates can apply concepts and skills learned through the program to improve scientific and business operations and outcomes within their organizations. This strengthens the state economy, thereby increasing access to jobs and opportunities for others throughout the state.

Program Type and Level: Certificate – Graduate

Start: 07/01/2022

End: 06/30/2023

Program: Forensic Death Investigation

Program CIP: 51.2099

Site Information: Online

If Other Site: :

Responsible Roles:

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PG 1 Broad Training in Forensic Death Investigation

Goal: To provide students with a broad training in forensic and pharmaceutical science covering forensic death investigation.

Program: Forensic Death Investigation

Evaluation Method:

80% or higher successful completion (grade B or higher) of all required courses. Content of curriculum evaluated yearly to ensure coverage of new concepts.

Results:

Of the 98 course completions toward the certificate, **71 (72%) were passing**. Successful course completion is an effective measurement of this program goal because assignments evaluate the knowledge gained and applied to relevant case scenarios that allow students to transfer what they learned into their work setting.

Program Director and faculty reviewed content of curriculum and made appropriate updates as described in the Programmatic Use of Results.

Attached Files

SLO 1 Knowledge

Outcome: Identify, explain, describe, and apply comprehensive knowledge related to forensic death investigation.

SLO Area (select one): Knowledge (Grad)

Assessment Methods Checklist: Non-exam Course assignment(s)

Assessment Method Narrative:

Student performance on **Module 5 assignment in VME6582 Forensic Medicine 1**. The assignment embodies a cumulation of knowledge in the field of forensic death investigation by using a case study to ask the students to bring together knowledge and understanding of the materials they have accumulated over the course thus far and apply it to a case. A score of 75 (out of 100) or above meets the criteria.

Student performance on **Module 8 assignment in PHA6851 Forensic Analysis of DNA**. The assignment embodies a cumulation of knowledge in the field of forensic death investigation by using a case study to write a mock report as well as answer questions regarding how to present material in court. A score of 20 (out of 30) or above meets the criteria.

Attached Files

SLO Not Assessed This Year:

Threshold of Acceptability: 80

How many students did you assess for this outcome?: 215

How many students met the outcome?: 180

What percentage of students met the outcome?: 84

Does this meet your threshold of acceptability?: Yes

Results:

180 of 215 (84%) students were evaluated by faculty as competent or higher on criterion-referenced assessments incorporated into the graduate certificate coursework. The assessment evaluates overall competency by using a case study to ask the students to bring together knowledge and understanding of the materials that cover core concepts of the forensic death investigation certificate.

Attached Files

Forensic Death Investigation Programmatic Use of Results

Improvement Types Checklist: Modified one or more courses.

Use of Results for Improvement Narrative - Required:

Course materials, case studies and student performance were reviewed by the Program Director and Associate Dean for Research and Graduate Studies. Based on this review, the following improvements were made:

- New instructors that were hired last year continued in their respective courses, providing added expertise to the courses. This assists in offering students added knowledge and real-life experience by having instructors who are currently employed in the field and are up to date on new technologies. All instructors updated their respective courses to reflect updated technology in the field.
- The following course content was reviewed and updated to ensure it is up to date with industry standards and trends.
 - Forensic Analysis of DNA
 - Forensic Medicine I
 - Forensic Medicine II
 - Forensic Anthropology

Each of the graduate certificate programs consists of 15 credits of graduate education delivered online through four or five courses. Each 15-week course is divided into modules and each module has an assignment that is graded every 1-2 weeks. These assignments test the students' knowledge of the material and incorporate case studies and exercises designed to test the student's critical thinking abilities. This data is collected throughout the course and collated at the end of each semester. On completion of the certificate program, the student will have been evaluated through around 45 assignments and several case studies. This information enables us to determine each student's learning outcomes, and modify lessons as needed.

Program Results Not Reported This Year:

Program Results Reporting Complete: true

Forensic Death Investigaton

Providing Department: Forensic Death Investigation

Assessment Cycle:

Program: Forensic Death Investigation Graduate Certificate

College: Pharmacy

Analysis and Interpretation: End of Spring, Summer and Fall Semester

Improvement Actions: Completed by Start of Fall Semester

Dissemination: Completed by Start of Fall Semester

SLOs	Year	22-23	23-24	24-25	25-26	26-27
Knowledge						
SLO 1		X	X	X	X	X

SLO Assessment Rubric:

See

for course assignments and grading rubrics.

Assessment Method Narrative

See attachments for **Results** for final course grades for the academic year.

Assessment Oversight:

Name	Department Affiliation	Email Address	Phone Number
Jatinder K. Lamba	Associate Dean For Research And Graduate Education	jatinderklamba@ufl.edu	(352) 273-6425
Oliver Grundmann	Assistant Dean	grundman@ufl.edu	(352) 246-4994
Nancy Toffolo	Medicinal Chemistry	ntoffolo@ufl.edu	(607) 227-6484

Methods and Procedures - Undergraduate and All Certificate Programs:

Each of the graduate certificate programs consists of 15 credits of graduate education delivered online through four or five courses. Each 15-week course is divided into modules and each module has an assignment that is graded every 1-2 weeks. These assignments test the students' knowledge of the material and incorporate case studies and exercises designed to test the student's critical thinking abilities. This data is collected throughout the course and collated at the end of each semester. On completion of the certificate program, the student will have been evaluated through around 45 assignments and several case studies. This information enables us to determine each student's learning outcomes, and modify lessons as needed.

VME6582 Forensic Medicine (Module 5) embodies a cumulation of knowledge in the field of forensic death investigation by using a case study to ask the students to bring together knowledge and understanding of the materials they have accumulated over the course and apply it to a case. A score of 80 (out of 100) or above meets the criteria.

Additionally, **PHA6851 Forensic Analysis of DNA (Module 8)** embodies a cumulation of knowledge in the field of forensic death investigation by using a case study to write a mock report as well as answer questions regarding how to present material in court. A score of 20 (out of 30) or above meets the criteria.

See **Assessment Method Narrative**

for course assignments and grading rubrics. See **Results** for final grades for the academic year.

Curriculum Map - Undergraduate Degree Programs:

n/a

Research :

n/a

SLO Measures - Graduate and Professional Programs:

Students are assessed by means of course embedded assignment.

Assessment Timeline - Graduate and Professional Programs:

SLO	Assessment 1	Assessment 2
SLO1: Knowledge	PHA 6851, module 8, spring, summer and fall	VME 6582, module 5, spring, summer and fall

