



***MASTER OF SCIENCE IN FORENSIC SCIENCE***

Fisher College of Science  
and Mathematics (FCSM)

Dept. of Chemistry-MSFS

Welcome to Towson University's Master of Science in Forensic Science program. This program is offered in partnership with local, state, Federal, and private forensic organizations throughout the region, providing students the opportunity to experience hands-on learning with many laboratories in the Baltimore Metropolitan area.

Towson's MSFS program is a Professional Science Master's Program that is designed to prepare students with the scientific training necessary to advance and excel in science, while simultaneously developing highly valued forensic business skills. The program combines rigorous graduate study in forensic science with skills-based coursework. A strong emphasis is placed on developing forensic knowledge and specialty analytical skills, written and oral communication skills, ethics, quality assurance and expert testimony. MSFS graduates will be as comfortable in the science lab as the court room and other forensic professional settings.

The staff and faculty at Towson University are very willing to help you during your time in the MSFS program. The Program Director, Mark Profili will serve as your academic advisor and internship coordinator. Dr. Cynthia Zeller will serve as the research advisor for those doing research in the area of Molecular Biochemistry. Dr. Ellen Hondrogiannis will serve as the research coordinator for those choosing research in the area of Analytical Chemistry. Professional forensic scientists supplement the program by teaching specialty forensic courses and acting as internship mentors.

This handbook is designed to help you with the many questions you probably have as you start your graduate school experience. However, the *Towson University Graduate Catalog* is the official source for the University's academic regulations and degree requirements. A printable version of the catalog can be found online at [www.towson.edu/main/academics/coursesandcatalogs/graduatecatalog.asp](http://www.towson.edu/main/academics/coursesandcatalogs/graduatecatalog.asp).

Wishing you the very best,

Mark Profili, M.F.S.  
Program Director

Cynthia Zeller, Ph. D.  
Assistant Professor

Ellen Hondrogiannis, Ph.D.  
Assistant Professor

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## **The Basics:**

### 1-The Towson University Graduate Catalog is the source for information regarding:

- 1-Procedures and Policies
- 2-Registration and Fees
- 3-Policies on Academic Progress
- 4-Tuition Costs, Financial Aid and Scholarships
- 5-Graduation Requirements
- 6-Other Academic Policies

### 2-Working While In School:

The MSFS program can be taken either as a part-time or full-time student. If you are interested in work on campus visit the University Career Center's website at <http://www.towson.edu/careercenter/>

### 3-Driving and Parking on campus:

While the University has shuttle service to many of the on and off campus residences and apartment complexes, most graduate students live off campus and drive to their classes. Internships are mostly held at off-campus sites. This requires the intern students to provide their own transportation to the internship facility. On campus parking is by permit only at designated parking lots. Contact parking services at <http://www.towson.edu/adminfinance/auxservices/parking/> for more information.

### 4-The One Card:

The One Card is your all-access pass to Towson University. The One Card can be used for dining plans, purchases at the bookstore and at some off campus restaurants and businesses. Go to [www.towson.edu/adminfinance/auxservices/onecard/](http://www.towson.edu/adminfinance/auxservices/onecard/) for more information.

### 5-Smith Hall:

The MSFS program is part of the Chemistry Department of the Fisher College of Science and Mathematics which is housed in Smith Hall on the main campus at Towson University. Many of the classes for the MSFS program will be held on the 5<sup>th</sup> floor of Smith Hall, although some research projects and internships could be held at other sites, both on and off campus.

### 6-Cell Phones and Other Electronic Devices:

Cell phones are not to be used during classes for phone calls, texting or other activities. If you bring a cell phone to class it is not to be on your desk or work space. Laptops and other electronic devices can be used during class but only for academic purposes. Emailing, being on face book, etc. is not allowed. Instructors may confiscate these items and return them after class if they are being misused.

## **MSFS Program Overview:**

The Master of Science in Forensic Science program at Towson University is designed to prepare students with the education and training necessary to advance in the forensic science discipline while developing highly valued scientific skills. The program is a molecular biochemistry based program that has as its core learning experience the application of DNA technologies in forensic science. Forensic analytical methods are also taught with respect to the analysis of trace evidence, illegal drugs and toxicology using forensic laboratory equipment and a variety of microscopes.

The mission of the Master of Science in Forensic Science program is to provide students with a comprehensive and in-depth study of major areas of forensic science that will allow them to compete for positions in forensic science beyond the entry level of practice in government and private laboratories. In addition, students will be prepared to pursue further graduate and/or professional degrees, if desired.

The mission is based on an application-focused curriculum that provides the student an advanced educational background and the development of laboratory skills. The program's mission is further enhanced through active forensic research, internships and collaborative learning experiences with local accredited forensic laboratories.

### Learning Objectives:

1-Students will learn to apply their knowledge of analytical chemistry, molecular biology, population genetics, forensic biology, forensic DNA technology and statistics in a forensic setting

2-Students will gain advanced skills in instrumental methods, microscopy, serology, DNA analysis, quality assurance and the ethical and legal requirements applicable to the examination of physical evidence

3-Students will develop written and oral communication skills for presentation of analytical findings and courtroom testimony and will be able to make a professional presentation of their research findings in a symposium/seminar format

### Program Features:

1-Small class sizes

2-Distinguished faculty

3-Courses taught by current or former practicing forensic scientists

4-Active research programs in multiple forensic disciplines

5-Internships with professional forensic laboratories

6-Computerized library facility allow for remote access

## Curriculum: Course Requirements & Descriptions

All students must complete 37 units of graduate work. In addition to the 8 required courses all students must select 3 elective courses and earn a minimum of 6 units of capstone courses. No more than three courses may be taken at the 500 level. There are two options to complete the capstone course requirement, thesis and non-thesis.

The learning objective of the curriculum is to have students obtain basic/background knowledge of forensic biology, forensic chemistry, physical analysis, ethics, legal requirements and testifying in mock trials in a progressive manner. The course progression provides an understanding of forensic science, teaches basic forensic science concepts and problem solving. Specialty courses, such as CHEM 568 and FRSC 600, explore professional values, concepts and ethics.

The curriculum is designed so that courses taken during the first and second semester provide a foundation for the advanced laboratory and research courses. This is done to ensure that students will gain knowledge in the areas essential to forensic science so that they can better develop skills and experience in the application of this knowledge in the analysis of evidence. The capstone courses and seminar serve to demonstrate that students can integrate their knowledge and skills acquired through the coursework and laboratory practices in research activity, internships and oral presentations. Students who follow the recommended curriculum will finish in two years. The recommended curriculum is:

First Semester	Second Semester	Third Semester	Fourth Semester
CHEM 568	FRSC 600	FRSC 620	FRSC 621
FRSC 601	FRSC 610	Elective	MATH 539
Elective	Elective	FRSC 880	FRSC 881/787*
			FRSC 797

### Core Courses:

CHEM 568-Forensic Chemistry (3 credits)  
FRSC 600-Forensic Science & Law (3 credits)  
FRSC 601-Forensic Molecular Biochemistry (3 credits)  
FRSC 610-Forensic Serology (3 credits)  
FRSC 620-DNA Technologies (3 credits)  
FRSC 621-Advanced DNA Technologies (3 credits)  
FRSC 797-Graduate Seminar for Forensic Science (1 credit)  
MATH 539-Biostatistics II (3 credits)



**Capstone Courses:**

FRSC 787-Graduate Internship in Forensic Science (3 credits)

FRSC 880/881-Graduate Research Project in Forensic Science (3-6 credits)

FRSC 897-Thesis Research (6 credits)

**Elective Courses:**

CHEM 564-Chemistry of Dangerous Drugs (3 credits)

CHEM 580-Chemical Toxicology (3 credits)

FRSC 650-Forensic Microscopy (3 credits)

FRSC 660-Death Analysis in forensic Science (3 credits)

FRSC 670-Forensic Analytical Methods (3 credits)

FRSC 680-Forensic Toxicology (3 credits)

**Course Descriptions:**

*CHEM 568- Forensic Chemistry-* Introduction to chemical and physical analyses used by a modern crime laboratory in the evaluation of physical evidence encountered in criminal acts. Areas of concentration will include crime scene, instrumental and chemical analytical methods, drug analysis, toxicology, explosives analysis, arson examination, firearms and tool marks, fingerprints, impression evidence and trace evidence. Emphasis will be placed on the value of such examinations as presented by the expert witness in criminal trial. Ethics and quality assurance in forensic science and testimony will be emphasized. 3 lecture/laboratory hours.

*FRSC 600-Forensic Science and Law-*Study of the judicial response and requirements to uses of forensic science analysis of physical evidence in the investigation, prosecution and defense of a crime with an emphasis on legal casework associated with rules of admissibility of evidence. A practicum involving mock trial courtroom testimony is essential part of the course. Ethics in forensic science and following Quality Assurance standards are also presented. 3 lecture hours/mock trial

*FRSC 601-Forensic Molecular Biology-*Overview of the principles of molecular biology and genetics as it applies to forensic science including DNA metabolism, recombination and mapping, repeat DNA sequences, statistics and significance of variation, Polymerase Chain reaction, human identification through DNA technologies, population genetics, relationship analyses and data basing. 3 lecture hours

*FRSC 610-Forensic Serology-*Instruction and laboratory practice in identifying body fluids and body fluid stains using various biochemical, instrumental, microscopic and electrophoretic methods to determine their possible origin and species prior to forensic DNA analysis. Blood spatter pattern recognition will be described and used in determining the most probative samples for study at the crime scene and on evidence samples to undergo analysis. 4 lecture/laboratory hours

*FRSC 620-DNA Technologies-*Instruction and laboratory practice in identifying body fluid stains as to their source using state-of-the-art DNA technology. Methods include extraction of DNA from forensic biological samples, quantification of the extracted

DNA, molecular amplification of the extracted DNA and visualization of short segments known as short tandem repeats or STRs utilizing capillary electrophoresis. 4 lecture/laboratory hours.

*FRSC 621-Advanced DNA Technologies*-Instruction and laboratory practice in identifying body fluid stains as to their source using state-of-the-art DNA technology. Instrumental methods of analysis will be emphasized; capillary electrophoresis and genetic analyzer. Interpretation of DNA data using appropriate software and statistics. Use of the national DNA CODIS database. 4 lecture/laboratory hours

*MATH 539-Biostatistics II*-Probability and random variables, estimation and hypothesis testing, nonparametric methods, categorical data analysis, multiple regression, analysis of variance and design techniques for epidemiological study. 3 lecture hours

*CHEM 564-Chemistry of Dangerous Drugs*-A study of the chemistry, methods of detection and analysis of narcotics, depressants, stimulants and hallucinogens. Also the influence of physicochemical properties upon the pharmacological effects of drug receptor interactions. Historical, forensic and socio-economic implications associated with drug abuse will also be reviewed. 3 lecture/laboratory hours

*CHEM 580-Chemical Toxicology*-Study of the fate, effects and mechanism of action of toxicants: physical and biological factors affecting transport, transformation and toxicity of chemical stressors: emphasis on forensic and environmental applications. 3 lecture hours

*FRSC 650-Forensic Microscopy*-Instruction and laboratory practice in the methods of collecting, handling, preparing, identifying and comparing items of trace and biological evidence and utilization of the stereomicroscope, microspectrophotometer, polarizing light microscope, compound microscope, fluorescent microscope, hot stage microscope and comparison microscope. 4 lecture/laboratory hours

*FRSC 660-Death Analysis in Forensic Science*-Forensic examination of the deceased through a multifaceted approach of different forensic specialties. Topics include identifying the deceased, determining the cause of death and establishing the post mortem interval. 3 lecture hours

*FRSC 670-Forensic Analytical Methods*-Analytical instrumentation used for analysis of drugs, arson, explosives and trace evidence. Laboratory work includes sample preparation handling, analysis and data interpretation for samples from simulated crime scenes. Use and conformity to standard protocols quality assurance and quality control methods, statistical analysis for calibration and analysis of data. 4 lecture/laboratory hours

*FRSC 680-Forensic Toxicology*-In depth knowledge of forensic, analytical chemistry and toxicology principles as they pertain to the commonly encountered abused and toxic substances. It will offer modules in various topics, i.e. alcohol and volatiles, human performance and postmortem toxicology. A series of case studies will be used to reinforce concepts and to combine individual topics covered. 3 lecture hours

## Curriculum: Additional Policies

1. Students must successfully complete a minimum of 37 graduate semester credits as outlined in the list of core, elective and capstone courses.
2. Good academic standing in a degree program requires a minimum 3.00 GPA for all courses taken for graduate credit whether or not they are required for the degree.
3. Should the GPA fall below a 3.00 a letter of academic warning will be sent. The GPA must be restored to 3.00 within 9 credits completed or within one year from the term in which the GPA fell below 3.00 whichever comes first.
4. A student on academic probation who does not restore the GPA to 3.00 as required will be withdrawn from the MSFS program.
5. The 3.00 average may be restored by repeating courses or by taking additional courses.
6. A maximum of three 500 level courses can be used towards the degree credit requirements.
7. A grade of "C" is allowed for two courses only.
8. A grade of "F" in any course cannot be used towards the degree. There are no "D" letter grades awarded in the MSFS and other Towson graduate programs.
9. Students are expected to attend all classes. Instructors may use class absences to lower semester grades (this must be listed in the instructor's syllabus).
10. The instructor's syllabus serves as the contract between the student and instructor for the course being taught and should contain as a minimum the course objectives, teaching methods, testing methods, grading policy, attendance statement, topic outline, lecture schedule, testing schedule, papers, presentations, independent study requirements (if any), and a statement concerning academic dishonesty. Instructors are required to present the students with a syllabus early in the semester. Some deviation from the syllabus may occur; however, the instructor must notify students of changes.

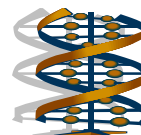


## **Internship Guidelines and Procedures:**

- 1-Students must have achieved an overall GPA of 3.00 in their graduate study.
- 2-Students must submit to a criminal background check, drug screen and polygraph if required by the internship organization.
- 3-Only 3 credits of internship will be accepted toward the 37 credits required for graduation.
- 4-A minimum of 150 hours of supervised internship work is required to receive the 3 credits.
- 5-It is recommended that students intern in a laboratory setting with a maximum of 20% of their required hours being clerical/administrative in nature.
- 6-It is recommended that student interns be provided the opportunity to shadow an examiner in their discipline or section of interest. This shadowing shall include observing how atypical samples are received, processed through the laboratory, and how data is analyzed and reported. If possible students are encouraged to view expert testimony of an examiner.
- 7-Student interns are responsible for completing or having completed the following required documents that can be found at [www.towson.edu/careercenter](http://www.towson.edu/careercenter)
  - A-Internship Description Form-must be approved by the internship coordinator
  - B-Student Evaluation Form
  - C-Final Evaluation for Supervisors of Towson University Interns Form
  - D-8-12 page written report describing the internship experience
- 8-Students are required to meet with the MSFS Internship Coordinator at least once during the semester of enrollment to update the coordinator on progress, address concerns and provide a timetable for completion.
- 9-Student interns are responsible for their actions while at the intern site. A business like attitude is essential. Proper attire and behavior are expected. Quality assurance standards, safety rules and all other rules and regulations required at the intern site must be followed. Any expenses including parking, transportation, etc. are the responsibility of the student intern. Unless specified, paid internships by the internship provider are not required or expected.
- 10- Failure to follow all policies or meet all requirements specified here will result in the lowering of the final grade by one letter grade. Complaints received by the internship provider will be reason for termination of the internship. Enforcement of this policy will be at the discretion of the MSFS Internship Coordinator and/or Program Director and on-site internship supervisor and/or mentor.

## Graduate Research:

1. Students may pursue a thesis or non-thesis option, however each student is required to perform at least one semester (3 credits) of forensic research.
2. Each student has direct access to a faculty member doing relevant forensic research. Dr. Cynthia Zeller is the primary faculty mentor for forensic molecular biochemistry research. Dr. Ellen Hondrogiannis is the primary faculty mentor for forensic analytical chemistry research.
3. Proposals for research must be written, submitted and approved during the student's first semester. The goal of the proposal is to get students to think ahead of the upcoming research they will have to carry out, to understand it is their project and that they are responsible for all aspects of the research.
4. In addition to the student's research proposal, students and professors will generate a contract in which expectations are outlined, including number of hours in lab, timeline of experimentation, and writing of the research paper.
5. Students are required to meet with the research professor regularly during the course of the project and additionally to present progress reports to their professors and peers throughout the semester.
6. Students must write a minimum 15 page research paper in a journal format suitable for publication. Students are encouraged to publish their research in a professional journal such as the Journal of Forensic Science.
7. At the end of each semester, students present their research either at a professional meeting or at a campus wide symposium open to the public as part of the 1 credit seminar course.
8. Students choosing the thesis option present their research and defend their thesis to a group of at least 3 faculty members in a committee chaired by their research professor. Non-thesis research students must also present their research to a group of 3 reviewers, at least one of which is not be a member of the chemistry department.
9. If research projects available on campus do not meet the research interests of the students, efforts are made to accommodate the needs of the research students in another setting .



## **Graduate Seminar:**

The Graduate Seminar is a required one credit course (FRSC 797) taken in the student's last semester of the MSFS Program. The classroom portion of the course consists of a variety of topics that are of great importance in forensic science including professional presentation skills of all types. Classroom topics include:

- 1- preparing a resume and cover letter,
- 2- developing interview skills,
- 3- presenting at a seminar,
- 4- preparing a poster or power point presentation,
- 5- effective courtroom testimony and demeanor.

Towson University as a whole has a very active seminar series. Guest speakers are invited to speak on every conceivable topic, thus adding to the richness of the academic environment. MSFS students may be required to attend these seminars (topic dependent) during any semester, not just the semester they have registered for FRSC 797.

A component of the seminar class is the presentation by the MSFS students of their research project. This can be accomplished through presentations at a professional society meeting such as the American Association of Forensic Sciences, the Mid Atlantic Association of Forensic Scientists, the American Chemical Society, etc. or at on-campus symposiums when these opportunities are not available. In particular at the Master of Science in Forensic Science Program's Forensic Science Symposium during the Spring semester of the academic year. Here graduate students present their research to the campus and the off-campus forensic community.



## Process for Complaints:

Students' rights and responsibilities can be found in the Code of Student Conduct at [www.towson.edu/studentaffairs/policies/conduct](http://www.towson.edu/studentaffairs/policies/conduct) under the title Policies Affecting Students. Of particular note is the appeals process for students accused of academic dishonesty found on the last page of the document.

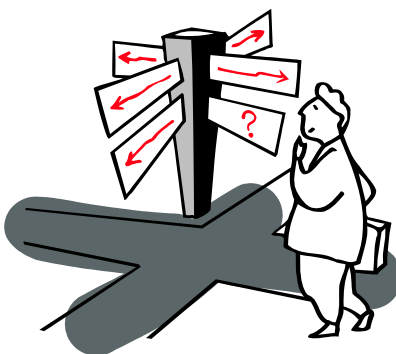
With most situations, the student is encouraged to talk directly with the instructor to see if there has been a misunderstanding. If that is not resolved to the student's satisfaction, students are encouraged to meet with the Program Director followed by the Department Chairperson. Should the complaint fail to be resolved at the departmental level, students are referred to the Dean of the Fisher College of Science and Mathematics and Dean of the College of Graduate Studies and Research. Written appeals may be required for final grade complaints

Student complaints concerning the Master of Science in Forensic Science Program shall be heard in the following order:

- 1-Instructor
- 2-Program Director
- 3-Department Chairperson
- 4- Dean of the Fisher College of Science and Mathematics
- 5-Dean of the College of Graduate Studies and Research

Student complaints concerning grades in the Master of Science in Forensic Science Program shall be heard in the following order:

- 1-Instructor
- 2-Program Director
- 3-Department Chairperson
- 4-Dean of the Fisher College of Science and Mathematics
- 5-Written appeal to the Graduate Studies Committee (prior to end of following semester)
- 6- Written appeal of the Graduate Studies Committee's decision to the Dean of the College of Graduate Studies and Research (within 15 days)



## Graduate Assistantships:

The MSFS Program has at least 3 full time assistantships. These are provided as 6 half-assistantships, 3 teaching (TA) and 3 research (RA) in nature. These assistantships include a stipend and tuition waiver (housing, books, and other fees are not covered). The assistantships are usually staffed by continuing second year students and new first year students.

All students admitted to the MSFS Program who indicated on their application that desire an assistantship must follow up their request by filling out an application for a graduate assistantship at the College of Graduate Studies and Research graduate Assistant Office. These students will be considered for open TA/RA positions during the admissions review process. In general, successful applicants for the TA/RA position demonstrate in their application packet overall teaching or research strengths beyond standard course work, have a high GPA, and express a strong desire to assist the program and department during their education experience in the MSFS program.

T/A primary responsibilities include:

- 1-prepping teaching laboratories,
- 2-putting equipment and supplies away following laboratories,
- 3-inventorying and ordering supplies,
- 4-assisting with teaching undergraduate laboratories,
- 5-grading papers, photocopying, and general course support for Forensic Science and Chemistry faculty.

Preference will be given to TA applicants with some form of prior teaching experience, experience in making solutions, organizing laboratory protocols and supplies, and maintaining laboratory inventory and purchasing lists. The students selected for the TA positions will be required to work an average of 10 hours per week.

Research assistants will assist research professors with new and on-going research projects. Their duties will be varied and assigned by the research professors they are assigned to by the MSFS Program Director. The students selected for the RA positions will also be required to work an average of 10 hours per week. However, their working hours will depend on the availability of laboratory instruments during the academic year. This could cause their work schedule to be beyond the conventional Monday-Friday, 8:00-4:00 work hours. Some weekends or evenings may be required.





## **Faculty and Staff:**

### **Administration:**

*David Vanko, Ph.D.*-Dean of the Fisher College of Science and Mathematics  
B.A., M.A. Johns Hopkins University; Ph.D., Northwestern University

*Chao Lu, Ph.D.*-Acting Dean of the College of Graduate Studies and Research  
B.A. Shandong University, M.S., Ph.D., City College of New York

*Richard Preisler, Ph.D.*- Chairperson, Chemistry Department  
B.S., Brown University, Ph.D., Stanford University

### **Full-Time Faculty and Staff:**

*Mark Profili, M.F.S.*- MSFS Program Director,  
B.S. Towson State College, M.F.S., George Washington University  
CHEM 568, FRSC 600, FRSC 787

*Cynthia Zeller, Ph.D.*-Assistant Professor, Forensic Science  
B.A. Hood College, Ph.D., University of Alabama, Birmingham  
FRSC 601, FRSC 797, FRSC 880/881

*Ellen Hondrogiannis, Ph.D.*-Assistant Professor, Forensic Science  
B.S. Bowling Green State University, Ph.D., University of Tennessee  
CHEM 564, FRSC 670, FRSC 880/881

*Xiaoyin Wang, Ph.D.*-Professor, Mathematics  
B.A. East China Normal University, Ph.D., University of Missouri, Columbia  
MATH 539

*Ryan Casey, Ph.D.*-Associate Professor, Chemistry  
B.S. Virginia Polytechnic Institute of Technology, Ph.D., Clemson University  
CHEM 580

### **Part-Time Faculty:**

*Rabih Jabbour, Ph.D.*-Adjunct Professor, Forensic Chemistry, SAIC-DOD Contractor  
Ph.D., University of Arizona  
FRSC 680

*Patricia Aronica-Pollack, M.D.*- Adjunct Professor, Office of the Chief Medical Examiner  
B.S., University of Scranton, M.D., Jefferson Medical College  
FRSC 660

Rana Santos, M.S.-Adjunct Professor- Baltimore Police Crime Lab, DNA Tech Leader  
B.A. University of Maryland, Baltimore County, M.S. University of Florida  
FRSC 620, FRSC 621

Jennifer Gresham-MSFS-Adjunct Professor- Baltimore Police Crime Lab, DNA Analyst  
B.A. University of Maryland, Baltimore County, MSFS, Towson University  
FRSC 620, FRSC 621

Jennifer Bresett-MSFS-Adjunct Professor-Baltimore Police Crime Lab, Serologist  
B.S. Towson University, MSFS, Towson University  
FRSC 610

Joseph Harant-B.S.-Adjunct Professor-Baltimore Police Crime Lab, Trace Analyst  
B.S. Towson State College  
FRSC 650

**Academic Advisory Board:**

Theresa Long-Director, Maryland State Police Dept. Crime Laboratory

Michael Cariola-Vice-President, BODE Technology Group, Inc.

Jeffrey Cover-Director, Anne Arundel County Police Dept. Crime Laboratory

Greg Czarnopys-Chief, Forensic Science Laboratory, Washington BATF

Rana Santos-DNA Technical Leader, Baltimore Police Dept. Crime Laboratory

Francis Chiafari-Director, Baltimore Police Dept. Crime Laboratory

Mark Profili-Director, Forensic Science Program, Towson University

Cynthia Zeller, Ph.D.-Assistant Professor, Towson University

Ellen Hondrogiannis, Ph.D.-Assistant Professor, Towson University

**Forensic Science Ad Hoc Committee:**

Mark Profili-Director, Forensic Science Program, Towson University

Cynthia Zeller, Ph.D.-Assistant Professor, Towson University, Forensic Science

Ellen Hondrogiannis, Ph.D.-Assistant Professor, Towson University, Forensic Sciences

Dana Kollmann, Ph.D.-Assistant Professor, Towson University, Anthropology

Jennifer Gresham-Adjunct Professor, Towson University (Forensic Biology/DNA)

Joseph Harant-Adjunct Professor, Towson University (Forensic Chemistry/Microscopy)

**Academic Calendar 2010-2011:**

*FALL 2010*

August 25	Classes and Change of Schedule period begins
September 2	Last day to drop a course with no grade posted to academic record
September 6	Labor Day holiday-no classes
October 14	Mid-term
November 8	Last day to withdraw from a course with a grade of W
Nov 24-28	THANKSGIVING Holiday-no classes
November 29	Classes resume
December 8	Last Day of classes
December 9	Final examinations begin
December 15	Last day of final examinations and end of term
January 9, 2011	Commencement Ceremony-2:00 PM

*SPRING 2011*

January 31	Classes and Change of Schedule period begins
February 8	Last day to drop a course with no grade posted to academic record
March 20-27	SPRING BREAK-No classes
March 28	Classes resume-Mid-term
April 6	Last day to purchase Cap & Gown for May commencement
April 11	Last day to withdraw from a course with a grade of W
May 17	Last day of classes
May 18	Final examinations begin
May 24	Last day of final examinations and end of term
May 26	Commencement Ceremony-2:00 PM



**Prepared by: Mark Profili**