Forensic Science Special Topics Course Offered Spring 2018!

Title: FRSC 591 – Advanced Topics in Forensic DNA Analysis
Credits: 2
When: Wednesday 12-1:40pm
Instructor: Dr. Catherine Connon
CRN: 37158

Prerequisites: FRSC 438 or FRSC 675
Minimum grade of C
This course is open to undergraduate and graduate-level FRSC majors

Course Description:

This course will include advanced topics in forensic DNA analysis such as: alternative sample processing methods (e.g., normalized extraction, direct amplification, fast PCR, rapid PCR, low volume reaction, alternative CE detection, etc.), paternity and kinship testing (by hand and using DNAtools), validation studies (e.g., precision, sensitivity, accuracy, comparison, concordance, mixtures, etc.), mixture interpretation using probabilistic modeling softwares (Lab Retriever, LRmix Studio, STRmix, and/or TrueAllele), etc. Students will have an opportunity to use GeneMapper ID-X (DNA analysis software) and several other softwares mentioned above to analyze real data.

Registration instructions:

Since this course is listed as FRSC 591, graduate forensic science students meeting the prerequisites can enroll as they normally would for any other class, but should consult with their advisor first. Undergraduate forensic science students meeting the prerequisites should submit an override request via go.vcu.edu/frscoverride.

For additional information, please contact:

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