CRIMINAL JUSTICE AND CRIMINOLOGY, MS: CRIME ANALYTICS

The Department of Criminal Justice and Criminology offers a Crime Analytics Concentration at the master's level. A sequence of courses will lead to a concentration in this growing area. Preparation includes a foundation in criminal justice, research methods, and criminological theory. It also includes specialized coursework in measuring crime, crime mapping, and analytic techniques for understanding crime and crime patterns. At the conclusion of the program, students will complete a crime analytics project to demonstrate their mastery of crime analytics.

Students entering the Concentration in Crime Analytics choose one of the two tracks:

- Crime Analytics Track
- Advance Crime Analytics Track

General Degree Information

The School of Social Welfare offers a master's program of study in criminal justice and criminology. The program is designed to educate students for leadership positions in the field of criminal justice. The program also provides a strong foundation for students anticipating advanced study at the doctoral level. The curriculum is also designed to prepare Criminal Justice professionals to understand all aspects of criminal justice policy. Legal, organizational, political and behavioral frameworks are used to analyze the operation of the criminal justice system. Students are introduced to advanced knowledge on the nature and causes of crime, the justification and means of social control, the administration of the justice system, and the evaluation of criminal justice programs.

Admission Requirements

Application Deadlines

Application deadlines vary by program, please review the application deadline chart (http://uwm.edu/graduateschool/program-deadlines/) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (https://uwm.edu/onestop/dates-and-deadlines/).

Admission

An applicant must meet all Graduate School requirements (http://uwm.edu/graduateschool/admission/) plus these program-specific requirements to be considered for admission:

- Undergraduate degree from an accredited university in criminal justice, a related social science, or other relevant educational background.
- Undergraduate cumulative grade point average (GPA) of 3.00.
- In addition, applicants with an undergraduate cumulative GPA between 2.75-2.99 may be considered for admission, but should address their lower cumulative GPA within their reason statement.
- Two letters of recommendation from persons who are familiar with the applicant's academic record and suitability for graduate work.

- It is recommended that applicants have completed a research methods course and a statistics course at the undergraduate level prior to beginning the program.

Application

Application must be made to the Graduate School. Applicants may be admitted to the program for Fall, Spring or Summer (note graduate course offerings are currently limited in the summer session). For further information regarding the application process, please contact the Criminal Justice & Criminology Department office at (414) 229-2392.

Credits and Courses

The Master of Science in Criminal Justice consists of a minimum of 33 graduate credits:

Code	Title	Credits
Courses taken within the Criminal Justice program (27 credits)		
Must include 15 credits of:		
CRM JST 713	Measuring Crime & Analyzing Crime Data	3
CRM JST 743	Proseminar: Administration of Criminal Justice Systems	3
CRM JST 756	Proseminar: Analysis of Criminal Justice Research	3
CRM JST 773	Criminological Perspectives	3
CRM JST 920	Criminal Justice Masters Capstone Seminar	3
Select an additional 12 credits of Criminal Justice Electives (4 courses)		12
Select an additional 6 credit hours taken elsewhere in the School of Social Welfare or in other UWM departments with the prior consent of advisor.		6
Total Credits		**33**

The student must pursue either Option A: Essay Option, or Capstone Option B: Non-Essay Option described below.

Option A: Essay Option

Students must complete the required proseminars and, as part of the 33 graduate credits required, must complete 3 credits of research and a graduate-level statistics course approved by the student's faculty advisor. Students planning to go into doctoral programs are strongly encouraged to pursue the essay option.

Essay

An acceptable essay must be written on the student's area of concentration.

Comprehensive Examination

The student must pass a final oral examination in defense of the essay.

Option B: Non-Essay Option

Students must complete the 33 graduate credits required, including the three proseminars and the criminal justice capstone seminar course.

Crime Analytics Track

Students who complete the Crime Analytics Track will be prepared to enter into crime analysis positions in law enforcement and in other

criminal justice organizations. To complete this track, students will take the following series of courses:

Code	Title	Credits
CRM JST 520	Analysis Oriented Technology: Spatial Data Analysis; Crime Mapping; ArcGIS	3
CRM JST 713	Measuring Crime & Analyzing Crime Data	3
CRM JST 716	Advanced Analytic Techniques for Crime Analysts	3
CRM JST 795	Issues in Law Enforcement Practice and Policy	3
or CRM JST 850	Issues in Correctional Practice and Policy	
CRM JST 910	Methods and Practice Capstone for Crime Analysts	3
Total Credits		**15**

Students who complete the Crime Analytics track will also be required to complete the requirements of the master's in Criminal Justice & Criminology, for a total of 33 credits. Students who completed CRM JST 520 at the undergraduate level can have another course substituted for CRM JST 520 with the permission of the department chair. Students who take CRM JST 910 will not need to take CRM JST 920. Students must receive a B or better in all the listed required courses in order to have the concentration posted on their transcripts.

Advanced Crime Analytics Track

The Advanced Crime Analytics track will be intensive in research methods and advanced statistical analysis. Students who complete the advanced track with be prepared for jobs as advanced analyst, to work with big data, and to conduct advanced predictive modeling. To complete this track, students will take the following series of courses:

Code	Title	Credits
CRM JST 520	Analysis Oriented Technology: Spatial Data Analysis; Crime Mapping; ArcGIS	3
CRM JST 713	Measuring Crime & Analyzing Crime Data	3
CRM JST 716	Advanced Analytic Techniques for Crime Analysts	3
CRM JST 795	Issues in Law Enforcement Practice and Policy	3
or CRM JST 850	Issues in Correctional Practice and Policy	
SOC WRK 962	Applied Multiple Regression Analysis	3
SOC WRK 963	Measurement Methods and Related Multivariate Statistics	3
CRM JST 783	Data Mining and Predictive Modeling for Crime Analytics	3
CRM JST 910	Methods and Practice Capstone for Crime Analysts	3
Total Credits		**24**

Students who complete the Advanced Crime Analysts track will also be required to complete the requirements of the Master's in Criminal Justice & Criminology, for a total of 36 completed credits. Students who completed CRM JST 520 at the undergraduate level can have another course substituted for CRM JST 520 with the permission of the department chair. Students who take CRM JST 910 will not need to take CRM JST 920. Students must receive a B or better in all the listed required courses in order to have the concentration posted on their transcripts.

Additional Requirements

Major Professor as Advisor

The student must have a faculty advisor to advise and supervise the student's studies as specified in Graduate School regulations. At the time of admission, the Graduate Program Director will assign each student to a faculty advisor. Students who begin to work closely with a particular faculty member with expertise in their area of interest may request that this faculty member serve as their advisor. Students who pursue the Essay Option must choose a faculty member to serve as their major professor.

Time Limit

The student must complete all degree requirements within seven years of initial enrollment.