

This template is to be used only by programs that have received specific written approval from the Provost's office to proceed with internal proposal development and review. The proposal template should be completed in full and submitted to the University Provost's Office [mailto: curriculumplanning@asu.edu]. It must undergo all internal university review and approval steps including those at the unit, college, and university levels. A program may not be implemented until the Provost's Office notifies the academic unit that the program may be offered.

			MASTER'S D	EGREE PI	ROGRAM		
College/School	ol:			Watts Coll	ege of Pub	olic Service and Community Solutions	
Note: Program o	wnershi	p is coded at the	College/School level	first and ma	y not be a ce	enter, department or division apart from it.	
Department/Division/School:			School of	Criminolog	y and Criminal Justice		
Proposing fac	ulty gr	oup (if applical	ble):	Not applic	able		
Name of prop	osed de	egree progran	n:	Mast	er of Scien	ce (MS) in Crime Analysis	
Proposed title	of maj	or:		Crime	e Analysis		
Master's degr	ee type	:		MS			
If Degree Typ abbreviation:	e is "Oth	er", provide deg	ree type and proposed	d			
Is a program f	•			Yes			
Note: for mo		ation about prog	gram fee requests, visi	it <u>https://prov</u>	<u>/ost.asu.edu</u>	ı/curriculum-development/changemaker/form-	
		able to implemer	nt the program if the fe	ee No			
Requested eff		•	: students may begin a		Fall 2021		
•		-	cation options: se				
Delivery metri	ou anu	campus or io	cation options. se	iect all locati	υτιδ τιτατ αρμ	DIY	
□ Downtown Phoenix		Polytechnic	□ Tempe		West	☐ Other:	
☐ Both on-	campus	and □ ASU Onli	ne* - (check applicabl	e campus(e	s) from optio	ons listed above)	
⊠ ASU On	ine only	(<u>all</u> courses onli	ne and managed by A	SU Online)			
Online options. to offer prograr request. Prior	Approva ns through to compl	al from the Office gh ASU Online. I eting the online	e of the University Pro Please complete the A	vost and <u>Phi</u> ASU Online (aker form, pl	<u>ilip Regier</u> (E Offering form ease contac	ve between the on-campus and the ASU Executive Vice Provost and Dean) is required in in <u>Curriculum ChangeMaker</u> to begin this at EdPlus at <u>asuonline@asu.edu</u> who can	
Do Not Fill in this	informa	tion: Office Use C	Only	CIP Cod	de:		
Plan Code:		1					
			PROPOS	SAL CONT	ACT		
Name:	(Charles Katz		Title:	Professo	or	
Phone number:	6	602-496-1471		Email:	ckatz@a	asu.edu	

DEAN APPROVAL(S)

This proposal has been approved by all necessary unit and college/school levels of review, and the college/school(s) has the resources to offer this degree program. I recommend implementation of the proposed degree program.



Note: An electronic signature, an ema	il from the dean or dean's designee, or	r a PDF of the signed signature page is acceptable.
College/School/Division Dean name:	William Terrill (Associate Dean)	
Signature:	Wille Trendl	Date: 12/18/ 20

Please note: Proposals for new degrees also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate (2 readings), and the Office of the Provost before they can be put into operation.

The final approval notification will come from the Office of the Provost.

1. PURPOSE AND NATURE OF PROGRAM

A. Provide a brief program description:

The School of Criminology and Criminal Justice seeks to offer a master's degree in Crime Analysis. Criminology involves the social scientific study of the origins and causes of crime and criminal behavior (i.e., why people commit crimes). Criminal justice involves the study of criminalization (the processes by which behaviors are designed as criminal offenses), the prevention of those behaviors, and responses to them when prevention efforts fail. Inquiry focuses on policing, courts, and correctional systems and their actors. We have taught in both of these areas since the inception of our School. By contrast, crime analysis is a highly specialized area that involves the systematic study of crime and disorder using sociodemographic, spatial, and temporal factors to assist the police in criminal apprehension, crime and disorder reduction, crime prevention, and evaluation. Most law enforcement officers are quite knowledgeable about criminal justice, but not necessarily about crime analysis. Indeed, most crime analysts are not sworn law enforcement officers.

The proposed degree program would focus on the theories, methods, and specific skill sets needed to be an effective crime analyst as distinct from the other areas within criminal justice, generally, or even within policing, specifically. This includes qualitative and quantitative analysis of crime data using tools that are not the focus of any of our existing degree programs, such as crime prevention through environmental design, the use of geographic information system (GIS) software for crime mapping purposes, the use of social network analysis (SNA) software to determine links within criminal networks, and the systematic processing of criminal intelligence. Students will receive state of the art education in a variety of crime analysis topics such as crime mapping, statistical tools in crime analysis, social networking, and data management.

The courses that comprise this degree program would also be available for students in other programs who are interested in taking them as electives. In concurrence with ASU's initiatives towards becoming an international brand, the Master of Science in Crime Analysis will provide students with the skills and credentials necessary to prepare them to enter fields specializing in crime analysis at a global scale.

B. Will concentrations be established under this degree program? ☐ Yes ☐ No (Please provide additional concentration information in the curricular structure section – number 7.)

2. PROGRAM NEED

Explain why the university should offer this program (include data and discussion of the target audience and market).

The proposed degree is being developed in response to student demand due to strong career outlook in the field. As criminal justice agencies worldwide are increasing their reliance on data-driven decision-making, they are hiring



more personnel to fulfill their needs. There is a growing demand for crime analysts in Latin America and the Caribbean in particular, with nations seeking platforms for educating and training future and current crime analysts. The online graduate degree will provide students with the skills and credentials necessary to prepare them to enter fields specializing in crime analysis. Students will receive state of the art education in a variety of crime analysis topics such as crime mapping, statistical tools in crime analysis, social networking, and data management.

The graduate program will be of interest to students in disciplines such as criminology and criminal justice, public administration, private security, and other related fields. In addition, the market for potential students includes criminal justice practitioners who wish to pursue a specialization in crime analysis, or those who hold a previous graduate degree and wish to supplement or update their skills and knowledge base. The online degree program will be specifically designed to appeal to working professionals.

Graduates of this program should expect to find employment within government agencies such as local law enforcement; the Department of Homeland Security (DHS), which comprises several agencies, including the Secret Service, Coast Guard, and Customs and Border Protection (CBP); adult and juvenile probation; courts; corrections agencies; and prosecutor's offices. Most of the personnel in this field work at the local, state, or federal level to implement and maintain public and national safety. Some crime analysts will also work for private organizations that deal with emergency response, law enforcement, and information technology. Careers in crime analysis may fall under the category of forensic technicians, defined by the Bureau of Labor Statistics as a "broad occupational title that encompasses many forensic specialties, where workers collect, identify, classify, and analyze evidence for criminal investigations" (Bureau of Labor Statistics, 2020). Employment of forensic science technicians is projected to grow 14 percent from 2018 to 2028, much faster than the average for all occupations, with a median salary of \$59,150 per year (Bureau of Labor Statistics, 2020). Careers for graduates may also fall under the category of Criminal Investigators. Careers in this field are expected to increase between 5 and 9 percent through 2026, with a median salary of \$81,920 (Bureau of Labor Statistics, 2018).

In order to remain competitive, we reviewed peer institutions for similar master's programs. The University of Cincinnati, John Jay College of Criminal Justice, and the University of Central Florida offer online graduate certificates in crime analysis. These certificate programs require 12 to 15 credits. None of our peer programs offers a graduate degree in crime analysis. Among those university programs that do offer a graduate degree in crime analysis, the number of credits required for graduation ranges from 30 to 36.

3. IMPACT ON OTHER PROGRAMS

Attach any letters of collaboration or support from impacted programs (see checklist sheet). Please submit as a separate document.

To the best of our knowledge, this program will not impact other programs. The proposed degree program would focus on the theories, methods, and techniques necessary to develop the specific skill sets needed to be an effective crime analyst. These skills are distinct from other areas related to crime and criminal justice. For instance, forensic science degrees focus on knowledge and education in hard sciences, leading to the development of skills needed to analyze physical evidence in a crime laboratory. By contrast, crime analysts examine data (e.g., crime trends and locations) that are used by police leaders to make decisions. Crime analysis skills are also markedly different than what is taught in the M.S. in Justice Studies program (which focuses primarily on social justice).

The School of Criminology and Criminal Justice currently offers some of the courses that will be required for the degree. The School of Criminology and Criminal Justice will develop and offer all of the new courses that are required for the proposed master's degree.

4. PROJECTED ENROLLMENT



How many new students do you anticipate enrolling in this program each year for the next five years?

Note: The Arizona Board of Regents (ABOR) requires that nine master's degrees be awarded every three years. Thus, the projected enrollment numbers must account for this ABOR requirement.

	5-YEAR	PROJECTED	ANNUAL ENROI	LMENT	
Please utilize the following tabular format	1 st Year	2 nd Year (Yr. 1 continuing + new entering)	3 rd Year (Yr. 1 & 2 continuing + new entering)	4 th Year (Yrs. 1, 2, 3 continuing + new entering)	5th Year (Yrs. 1, 2, 3, 4 continuing + new entering)
Number of Students Majoring (Headcount)	16	36	45	55	60

5. ACCREDITATION OR LICENSING REQUIREMENTS (if applicable)

Provide the names of the external agencies for accreditation, professional licensing, etc. that guide your curriculum for this program, if any. Describe any requirements for accreditation or licensing.

N/A

6. STUDENT LEARNING OUTCOMES AND ASSESMENT

Attach a PDF copy of the assessment plan printed from the University Office of Evaluation and Educational Effectiveness assessment portal demonstrating UOEEE's approval of your assessment plan for this program. Visit the assessment portal at https://uoeee.asu.edu/assessment-portal or contact uoeee@asu.edu with any questions.

(See Appendix II)

7. CURRICULAR STRUCTURE

A. Curriculum Listing

	Required Core Courses for the Degree		
Prefix and Number	Course Title	New Course?	Credit Hours
CRJ 506	Seminar in Crime Analysis	Yes	3
CRJ 510	Criminal Justice Planning and Program Evaluation	No	3
CRJ 511	Applied Data Analysis in Criminal Justice	No	3
CRJ 512	Seminar in Policing	No	3
CRJ 531	Crime Mapping	No	3
CRJ 507	Social Network Analysis	Yes	3
CRJ 509	Data Management	Yes	3
CRJ 508	Advanced Seminar Crime Analysis	Yes	3
		Section sub-total:	24
E.g. – Ca	Culminating Experience(s) apstone course, portfolio, written comprehensive exam, applie thesis (must be 6 credit hours with oral defense)	d project,	Credit Hours
CRJ 593: Applied Project			



The applied project involves the application of advanced crime analysis methodologies to a specific, real-world issue and is prepared for a police organization. The applied project is always an individual student effort and solely authored by the student.		
Section sub-total:	6	
Total required credit hours	30	

- 1. List all required core courses and total credit hours for the core (required courses other than internships, thesis, capstone course, etc.).
- 2. Omnibus numbered courses cannot be used as core courses.
- 3. Permanent numbers must be requested by submitting a course proposal to Curriculum ChangeMaker for approval.
- B. Will concentrations be established under this degree program? \square Yes \boxtimes No

8. COURSES

- A. Course Prefix(es): Provide the following information for the proposed graduate program.
 - i. Will a new course prefix(es) be required for this degree program?

Yes □ No ⊠

If yes, complete the <u>Course Prefixes / Subjects Form</u> for each new prefix and submit it as part of this proposal submission. Form is located under the courses tab.

B. New Courses Required for Proposed Degree Program: Provide course prefix, number, title, credit hours and brief description for any new courses required for this degree program.

CRJ 506: Seminar in Crime Analysis (3 credit hours)

This course examines theory and practice of crime analysis in the field of criminal justice. It focuses on data collection, management, and dissemination methods, related technology and software, and analytical techniques to examine crime trends, the spatial distribution of crime, and temporal trends in crime for the purpose of understanding and responding to crime.

CRJ 509: Data management (3 credit hours)

Core concepts and practices used for the organization and management of data.

CRJ 508: Advanced Seminar in Crime Analysis (3 credit hours)

This course examines advanced topics in the practice of crime analysis in the field of criminal justice. Students will learn the terminology, principles, and techniques crime analysts use in everyday practice. The course is designed to provide an exploration of the various approaches to analyzing and reducing crime as well as the theories that inform those approaches. We will examine situational analysis and its approach to managing the occurrence of crime, though we will also explore crime prevention through community-based approaches to crime prevention.

CRJ 507: Social Network Analysis (3 credit hours)

This course examines the theory and practice of social network analysis in the field of criminal justice. It focuses on the major theoretical assumptions of social network analysis, how to collect social network data, how to use social network analysis software, and how to analyze and interpret social network data for the purpose of understanding and responding to crime.

9. FACULTY, STAFF, AND RESOURCE REQUIREMENTS

A. Faculty



i. Current Faculty – Complete the table below for all current faculty members who will teach in the program. If listing faculty from an academic unit outside of the one proposing the degree, please provide a support statement from that unit.

Name	Rank	Highest Degree	Area of Specialization/Expertise	Estimated Level of Involvement
Cody Telep	Assc. Professor	Ph.D.	Policing, crime analysis	Moderate. Course development and instruction
Edward Maguire	Professor	Ph.D.	Policing, crime analysis, Data management	Moderate. Course development and instruction
Alyssa Chamberlin	Assc. Professor	Ph.D.	Crime mapping, Data management	Moderate. Course development and instruction
Charles Katz	Professor	Ph.D.	Policing, crime analysis	Moderate. Course development and instruction
Jacob Young	Assc. Professor	Ph.D.	Social Network Analysis, Data management	Moderate. Course development and instruction
Garth den Heyer	Lecturer	Ph.D.	Policing, crime analysis	Moderate. Course development and instruction
Blake McClelland	Lecturer	Ph.D.	Policing, leadership	High. Directs Online SCCJ programs

ii. New Faculty - Describe the new faculty hiring needed during the next three years to sustain the program. List the anticipated hiring schedule and financial sources for supporting the addition of these faculty members.

Faculty associates will need to be hired to develop and administer three online courses: Social Network Analysis, Data Management, and Crime Mapping. We have received approval from the Dean's office.

iii. Administration of the program - Explain how the program will be administered for the purposes of admissions, advising, course offerings, etc. Discuss the available staff support.

Students interested in the online M.S. in Crime Analysis will be directed to the graduate advising team in the School of Criminology and Criminal Justice. ASU Online personnel, the Graduate Advising team in the School of Criminology and Criminal Justice, and Dr. Blake McCelland (the Director of the Online Master's Programs for the school) will assist interested students in applying for the degree. Dr. McCelland will coordinate the admissions process with Ms. Shannon Stewart, the Graduate Academic Success Coordinator for the School of Criminology and Criminal Justice.

B. Resource requirements needed to launch and sustain the program: Describe any new resources required for this program's success such as new staff, new facilities, new library resources, new technology resources, etc.

The full-time faculty in the School of Criminology and Criminal Justice have most of the expertise to develop and teach many of the courses that will be required for the proposed master's degree program in crime analysis. But we will likely need to hire a handful of new Faculty Associates to develop and teach some of the specialized online courses, like Social Network Analysis, Crime Mapping, and Data Management. These costs are minimal and will be covered completely by the revenue from the proposed program fee for the degree.



ASU already provides access to all of the software required for students taking the proposed course work such as ArcGIS for the mapping course. Social Network Analysis Software is open source and freely available for download. Examples of this software include R and UIC Net.



APPENDIX I OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS

(This information is used to populate the <u>Graduate Programs Search</u>/catalog website.)

- 1. Proposed title of major: Crime Analysis
- 2. Marketing description (Optional 50 words maximum. The marketing description should not repeat content found in the program description.)

The master's degree in Crime Analysis will provide you with advanced skills and credentials necessary to prepare for careers specializing in crime analysis. You will be able to study topics related to the principles of crime analysis, crime mapping, and advanced statistical tools in crime analysis.

3. Provide a brief program description (Catalog type (i.e. will appear in Degree Search) – no more than 150 words. Do not include any admission or curriculum information)

The master's degree in Crime Analysis is focused on crime analysis as a field, applicable to all levels of government (federal, state, local) and to positions in private sector organizations with functional and operational activities related to crime analysis. Students will be able to study topics relating to the current principles of crime analysis, crime mapping, and advanced statistical tools in crime analysis. Students completing the degree will be prepared to lead a police crime analysis unit.

- 4. Delivery/Campus Information Options: ASU Online only
- 5. Campus(es) where program will be offered:

ASU Online curriculum consists of courses that have no face-to-face content. iCourses are online courses for students in on-campus programs. iCourses may be included in a program, but may not comprise the entirety of a program. On-campus programs must have some face-to-face content.

Note: Office of the Provost approval is needed for ASU Online delivery option.

ASU Online only (all courses online and managed by ASU Online)

All other campus or location options (please select all that apply):

□ Downtown □ Polytechnic □ Tempe □ West □ Other:
Phoenix

□ Both on-campus and □ ASU Online* - (check applicable campus(es) from options listed above)

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in Curriculum ChangeMaker to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

6. Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice, or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.



All applicants must submit:

- 1. graduate admission application and application fee
- 2. official transcripts
- 3. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students with an undergraduate GPA under 3.00 may be permitted enrollment in up to 12 credit hours on a probationary basis. Those who maintain a GPA of 3.00 or higher will be considered for regular admission.

7. Application Review Terms (if applicable session):

Indicate the first term and year in which applications will be opened for admission. Applications will be accepted on a rolling basis after that time.

Note: It is the academic unit's responsibility to display program deadline dates on their website.

Terms	Years	University Late Fee Deadline		
☑ Fall (regular)	(year): 2021	July 1st		
⊠ Session B	(year): 2021	October 1st		
⊠ Spring (regular)	(year): 2022	December 1st		
⊠ Session B	(year): 2022	February 8th		
⊠ Summer (regular)	(year): 2022	May 14th		
Note: Session B is only available for approved online programs.				

Program admission deadlines website address: https://ccj.asu.edu/programs/graduate

8. Curricular Requirements:

Curricular Structure Breakdown for the Academic Catalog:

(To be completed by the Graduate College)

30 credit hours including the applied project course (CRJ 593)

Required Core (24 credit hours)

CRJ 506 Seminar in Crime Analysis (3)

CRJ 507 Social Network Analysis (3)

CRJ 508 Advanced Seminar Crime Analysis (3)

CRJ 509 Data Management (3)

CRJ 510 Criminal Justice Planning and Program Evaluation (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 512 Seminar in Policing (3)

CRJ 531 Crime Mapping (3)

Culminating Experience (6 credit hours)

CRJ 593 Applied Project (6)

9. Comprehensive Exams:



Master's Comprehensive Exam (when applicable), please select from the appropriate option.

⊠ No

N/A

□Yes

10. Allow 400-level courses:

Note	e: No more than 6 credit hours of 40	00-level	coursework may be included on a graduate student plan of study.
11. Con	nmittee:		
R	equired number of thesis comm	ittee m	embers (must be at least 3 including chair or co-chairs): N/A
	·		ommittee members (must be a minimum of one): 1
	equired fidinger of field thesis of	puon o	similate members (must be a minimum of one).
	rwords: List all keywords that opecific to the proposed program		e used to search for this program. Keywords should be 10 keywords.
Cı	rime, analysis, mapping, securit	y, gove	rnment,
13. Are	a(s) of Interest		
Select o n	ne (1) primary area of interest fro	om the	list below that applies to this program.
	ure & Construction		Interdisciplinary Studies
<u>Arts</u>			Law & Justice
<u>Business</u>			<u>Mathematics</u>
	ication & Media		<u>Psychology</u>
Education	n & Teaching		<u>STEM</u>
	<u>ing & Technology</u>		<u>Science</u>
Entreprer	<u>neurship</u>	\boxtimes	Social and Behavioral Sciences
Health &	Wellness		Sustainability
<u>Humaniti</u>			
Select o n	ne (1) secondary area of interes	t from t	he list below that applies to this program.
	ure & Construction		Interdisciplinary Studies
<u>Arts</u>		\boxtimes	Law & Justice
<u>Business</u>			<u>Mathematics</u>
Commun	ications & Media		<u>Psychology</u>
Education	n <u>& Teaching</u>		<u>STEM</u>
Engineer	<u>ing & Technology</u>		<u>Science</u>
Entreprer	<u>neurship</u>		Social and Behavioral Sciences
Health &	<u>Wellness</u>		Sustainability
Humaniti	<u>es</u>		
14 Co	ntact and Support Information	١.	
14. 00	made and Support information	••	
(Office Location - Building		
	Code & Room:	UCEN	IT Suite 600
1 -	Search ASU map)		
(Campus Telephone		
	Number:	602-4	96-2356
	may not be an individual's number)		
F	Program Email Address:	arade	ccj@asu.edu
/		91440	

Program Director

(ASURITE):

(may not be an individual's email)

Program Website Address:

(if one is not yet created, use unit website until one can be established)

Program Director (Name):

https://ccj.asu.edu/

Blake McCelland

bmcclel



Program Support Staff (Name):	Shannon Stewart
Program Support Staff (ASURITE):	Shastew
Admissions Contact (Name):	Shannon Stewart
Admissions Contact (ASURITE):	Shastew

15. Application and iPOS Recommendations: List the Faculty and Staff who will input admission/POS recommendations to Gportal **and** indicate their approval for Admissions and/or POS:

NAME	ASURITE	ADMSN	POS
Blake McCelland	bmcclel	Х	х
Shannon Stewart	shastew	Х	Х
Shonda Hertle	shertle	Х	Х



APPENDIX II

Assessment Plan

MS in Crime Analysis

MS1597438292 Approved PP-College of Public Service & Community Solutions

Mission

To provide students with a state-of-the-art education in crime analysis; to produce students who will advance criminal justice agencies whether local, state, or federal, through student application of crime analysis.

Goals

Students in this program will lead the innovation and advancement of crime analysis via the mastery of essential qualifications for employment in the field of crime analysis, production of information of utility to policymakers and practitioners, and the mastery of oral and written communication of research.

Outcome 1

Graduates from this master's degree program will demonstrate the essential qualifications for employment in crime analysis and related occupations by critically applying theories of crime and place in relation to the whole of criminological theory.

Concepts

Problem-solving methods, key terminology in the field of crime analysis, principles and theories of crime analysis, knowledge of key products produced by crime analysts to meet qualifications required of a professional crime analyst.

Competencies

Real-world application of the SARA model (Scanning, Analysis, Response and Assessment) to identify recurring problems of concern to the public and crime analysts. Identifying the consequences of crime, and developing broad goals as a response to community issues. Students will possess a broad understanding of criminological theory across micro and macro levels, most importantly theories of crime and place, and the intersection of opportunity and suitable targets.

Assessment Process: Student mastery will meet the requisites required for qualification and proficiency in the field of Crime Analysis. Students will submit a final applied project demonstrating the principals of crime analysis, which will then be assessed using faculty-developed rubrics. These findings will be used for the improvement of future course design.

Measure 1

Students in CRJ 506 (Seminar in Crime Analysis) will take a final course exam demonstrating an understanding of key terminology and problem-solving methods in crime analysis.



Performance Criterion 1

80% of students will earn a rating of Mastery, as determined by faculty-developed rubrics, on the final course exam in CRJ 506.

Measure 2

Students in CRJ 593 (Applied Project) will submit a final applied project report demonstrating their ability to think critically about issues within the field. Application of core crime analysis principles of crime analysis such as, but not limited to, the SARA method, will be measured with a faculty developed rubric.

Performance Criterion 2

80% of students will earn a rating of Mastery on the faculty developed rubric.

Outcome 2

Graduates from this master's degree program will be able to use the fundamental methods and technologies required to produce valid and reliable crime analysis information of utility to policymakers and practitioners.

Concepts

Research design and data analysis. Interpretation of statistical data using state-of-the-art technology and methods. Data management, linking data sources, and creating data visualizations.

Competencies

A comprehensive understanding of how to access, search, and utilize law enforcement databases, as well as identifying relevant data to be collected. Proficiency in ArcMap (or equivalent software) used for cartography basics, analysis of density maps, and testing/transforming accuracy of data points.

Assessment Process: The production of high-level research and data with fundamentals relevant to the advancement of crime analysis in practice and in policy will be at the core of the assessment method. Faculty-developed rubrics will measure student results. All students will complete an applied to project and data will be used by faculty for future improvement of course design.

Measure 1

Students in CRJ 510 (Criminal Justice Planning & Program Evaluation) will write a final research paper demonstrating mastery of research design and data analysis.

Performance Criterion 1

80% of students will earn a rating of Mastery on faculty-developed rubrics for the final research paper in CRJ 510 (Criminal Justice Planning & Program Evaluation).

Measure 2

Students in CRJ 593 (Applied Project) will submit a final applied project report demonstrating their capacity to apply basic and advanced crime analysis methods and use the fundamental technologies required to produce valid and reliable information of utility to policymakers and practitioners. This project will be measured with a rubric developed by the faculty.

Performance Criterion 2

80% of students will earn a rating of Mastery on the applied project in CRJ 593 as assessed on the faculty developed rubric for these projects.



Outcome 3

Graduates from this master's degree program will be able to communicate the results of crime analysis orally and in writing.

Concepts

Analysis and interpretation of qualitative data & multivariate statistics, survey construction & testing, and effective communication of findings. Developing data products for distinct audiences.

Competencies

Data presentations suitable for communities and command staff, as well as line-level data. Students will demonstrate proficiency in professional presentation and publication of research findings attained via mastery of downloading, cleaning, analyzing, and interpreting administrative and spatial data

Assessment Process: Student mastery is dependent on the attainment of skills in authorship and oratory presentation of advanced topics & findings relevant to crime analysis. Faculty-developed rubrics will measure proficiency of student presentation and will also be used for improvements in future course design.

Measure 1

Students in CRJ 593 (Applied Project) will defend their final applied project in writing and through an oral presentation.

Performance Criterion 1

80% of students will earn a rating of Mastery on faculty-developed rubrics for the final research paper in CRJ 593.

Measure 2

Students in CRJ 593 (Applied Project) will submit a final applied project report demonstrating their capacity to communicate strategic, tactical and administrative crime analysis results effectively.

Performance Criterion 2

80% of students will earn a rating of Mastery on the applied project in CRJ 593 as assessed by the faculty-developed rubric for these projects.



APPENDIX III

Letters of Collaboration/Impact

Watts College of Public Service and Community Solutions – Official Submission

From: Christopher Hiryak

Sent: Friday, December 18, 2020 5:07 PM

To: Curriculum Planning < Curriculum Planning @ exchange.asu.edu > **Cc:** william.terrill@asu.edu; Alexis Cibrian < Alexis.Cibrian@asu.edu >

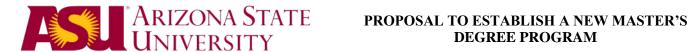
Subject: Proposed MS Crime Analysis

Happy Friday – please see attached our proposal to create an MS in Crime Analysis. If you have any questions or need anything else, please let us know!

Thanks -- Chris

Chris Hiryak

Senior Director, Academic Services
Watts College of Public Service and Community Solutions
Arizona State University
http://publicservice.asu.edu



ASUOnline/EdPlus Letter of Support



To: Shannon Stewart, Kate Fox, Rebecca Loftus, Blake McClelland, Shonda Hertle

From: Erica Green Date: October 22, 2020 Subject: Crime Analysis, MS

Dear Shannon and team,

Congratulations!

The Crime Analysis, MS, program has received support from Dean Phil Regier to be offered through ASU Online. This program must complete university governance reviews for formal approval. Please include this support memo along with your proposal submission when it is submitted formally to the university (to curriculumplanning@asu.edu) by your Dean or their designee.

Please note that in order to proceed with implementation, final approval must be supplied by the University Provost.

Once again, congratulations! We are excited to work with you on your new program.

Thank you!

Erica Green Associate Director, Program and Portfolio Management EdPlus at ASU Arizona State University Phone: (480) 884-0019 eggreen@asu.edu

CC: Jon Pratt William Terrill

CurriculumPlanning@asu.edu



College of Global Futures

------ Forwarded message ------From: Christopher Boone < Christopher.G.Boone@asu.edu>
Date: Wed, Jan 6, 2021 at 9:54 AM
Subject: RE: Support/Impact Letter
To: William Terrill < wcterrill@gmail.com>, William Terrill < William.Terrill@asu.edu>
William,

The College of Global Futures is pleased to support this proposal.

Chris

Christopher Boone

Dean, College of Global Futures

Professor, School of Sustainability



https://collegeofglobalfutures.asu.edu/

PO Box 875502, Tempe, AZ 85287-5502

Executive Assistant: Lorraine.Protocollo@asu.edu

480-965-2236

The College of Global Futures embraces ASU's mission as being a comprehensive public research university, measured not by whom it excludes, but rather by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves. We support and foster a culture of inclusiveness, tolerance, and



respect that promotes equal opportunity and diversity among faculty, staff, and students and through our engagement with diverse communities within and beyond the University.



Kapucinski, Anne, R., Agrawal, Arun, Boone, Christopher, Bromaghim, Erin, Louis, Garrick E., Taylor, Dorceta E. 2020. *Strengthening Sustainability Programs and Curricula in Higher Education*. Washington. D.C.: The National Academies Press. https://doi.org/10.17226/25821

From: William Terrill < wcterrill@gmail.com > Sent: Wednesday, January 6, 2021 8:38 AM

To: Christopher Boone < Christopher.G.Boone@asu.edu>; William Terrill < William.Terrill@asu.edu>

Subject: Support/Impact Letter

Dean Boone,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



The College of Liberal Arts and Sciences

Forwarded message
From: Fabio Milner < <u>milner@asu.edu</u> >
Date: Wed, Jan 27, 2021 at 2:16 PM
Subject: Re: Impact/Support Letter
To: William Terrill < wcterrill@gmail.com >, William Terrill < William.Terrill@asu.edu >
Cc: Fabio Milner < milner@asu.edu >
Dear Bill,
The College does not see any negative impact on our programs and is happy to support your proposal for the
Crime Analysis MS and for the Certificate.
Best,
Fabio

Fabio Augusto Milner, PhD

Associate Dean of Graduate Initiatives

Assistant Director, SA Levin MCMS Center

The College of Liberal Arts and Sciences

Director of Mathematics for STEM Education

School of Mathematical and Statistical Sciences

Arizona State University

SACNAS Board of Directors Member



Armstrong Hall, Office 214



P: 480/965-5877 | F: 480/965-2110

milner@asu.edu

URL: https://isearch.asu.edu/profile/1278293

From: William Terrill < wcterrill@gmail.com > Date: Wednesday, January 6, 2021 at 08:40

To: Fabio Milner < <u>milner@asu.edu</u>>, William Terrill < <u>William.Terrill@asu.edu</u>>

Subject: Impact/Support Letter

Dean Milner,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



Fulton Schools of Engineering

On Tue, Jan 12, 2021 at 2:15 PM James Collofello <JAMES.COLLOFELLO@asu.edu> wrote:

The Fulton Schools of Engineering has reviewed this proposal and does not have any concerns. We are willing to discuss computer forensics courses that might be applicable.

jim

James S. Collofello

Vice Dean for Academic and Student Affairs

Professor of Computer Science and Engineering

School of Computing Informatics and Decision Systems Engineering

Ira A. Fulton Schools of Engineering

Arizona State University

From: William Terrill < wcterrill@gmail.com > Sent: Wednesday, January 6, 2021 8:41 AM

To: James Collofello < JAMES.COLLOFELLO@asu.edu >; William Terrill < William.Terrill@asu.edu >

Subject: Support/Impact Statement

Dean Collofello.

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD



Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



College of Integrative Sciences and Arts

Forwarded message
From: Duane Roen < <u>Duane.Roen@asu.edu</u> >
Date: Wed, Jan 6, 2021 at 8:53 AM
Subject: RE: Support/Impact Statement
To: William Terrill < wcterrill@gmail.com >
William,
CISA is delighted to support Watts' proposal for both a Crime Analysis MS and a Certificate.
I don't see any impact on any CISA programs.
Tuon t see any impact on any Clort programs.
Best,
Duane
Duane Roen
Dans Callers of Luta anti-us Calmana and Auto
Dean, College of Integrative Sciences and Arts
Vice Provost, Polytechnic campus
Arizona State University
Arizona State University
Mail Code: 2780
7271 E Sonoran Arroyo Mall
•
Mesa, AZ 85212-6415

P: 480-727-1415



From: William Terrill < wcterrill@gmail.com > Sent: Wednesday, January 6, 2021 8:42 AM

To: Duane Roen < <u>Duane.Roen@asu.edu</u>>; William Terrill < <u>William.Terrill@asu.edu</u>>

Subject: Support/Impact Statement

Dean Roen,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



Thunderbird School of Global Management

From: Lena Booth lena.Booth@thunderbird.asu.edu

Date: Wed, Jan 6, 2021 at 12:26 PM
Subject: Re: Support/Impact Statement
To: William Terrill wcterrill@gmail.com, Sanjeev Khagram (Dean)

sanjeev.Khagram@thunderbird.asu.edu, William Terrill william.Terrill@asu.edu

Dear William:

Thunderbird is pleased to support both the MS and Certificate of Crime Analysis offered by Watts. We wish you all the success in this new program!

Lena

Lena

Lena

Lena

Lena

Lena

Lena

Lena C. Booth, Ph.D. | Associate Dean of Graduate Programs and Associate Professor of Finance | Thunderbird School of Global Management | 400 E Van Buren, Suite 800 | Phoenix, AZ 85004 | Phone: 602-496-7061 | Email: lena.booth@thunderbird.asu.edu | Website: https://thunderbird.asu.edu/

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Times Higher Education/Wall Street Journal 2019

Thunderbird is a unit of the Arizona State University Enterprise



From: William Terrill < wcterrill@gmail.com > Date: Wednesday, January 6, 2021 at 8:45 AM

To: "Sanjeev Khagram (Dean)" < Sanjeev.Khagram@thunderbird.asu.edu >, Lena Booth

<Lena.Booth@thunderbird.asu.edu>, William Terrill <William.Terrill@asu.edu>

Subject: Support/Impact Statement

Dean Khagram and Associate Dean Booth,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



W. P. Carey School of Business

Forwarded message
From: Amy Ostrom < <u>AMY.OSTROM@asu.edu</u> >
Date: Mon, Jan 18, 2021 at 1:27 PM
Subject: FW: Support/Impact Statement
To: William.Terrill@asu.edu < William.Terrill@asu.edu >
Hi William,
We have reviewed the information provided and support the establishment of the MS in Crime Analysis and the Crime Analysis Certificate.
Please let me know if you need any additional information.
Best wishes,
Amy
Accord October DLD

Amy L. Ostrom, PhD

Arizona State University | W. P. Carey School of Business

Interim Dean, President's Professor and PetSmart Chair in Services Leadership

amy.ostrom@asu.edu | Ph: 480.965.6412

wpcarey.asu.edu | news.wpcarey.asu.edu

Pronouns: she/her/hers - SafeZONE Ally



Where Business is Personal*

Arizona State University

From: William Terrill [mailto:wcterrill@gmail.com]

Sent: Wednesday, January 6, 2021 8:50 AM

To: Amy Ostrom < AMY.OSTROM@asu.edu >; William Terrill < William.Terrill@asu.edu >

Subject: Support/Impact Statement

Interim Dean Ostrom,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



----- Forwarded message ------

Sandra Day O'Connor College of Law

From: Tamara Herrera < <u>Tamara.Herrera@asu.edu</u> >
Date: Thu, Jan 7, 2021 at 12:13 PM
Subject: RE: Support/Impact Statement
To: William Terrill < wcterrill@gmail.com >, William Terrill < William.Terrill@asu.edu >
Good afternoon,
The College of Law has reviewed the attached proposal for an MS degree and Certificate in Crime Analysis and supports this proposal.
Please let us know if you need anything additional.
Best,
Tamara
Tamara Herrera
Associate Dean of Academic Affairs
Clinical Professor of Law
Sandra Day O'Connor College of Law
Arizona State University
111 E. Taylor Street
Phoenix, Arizona 85004-4467

tamara.herrera@asu.edu



480-727-7194

From: William Terrill < wcterrill@gmail.com > Sent: Wednesday, January 6, 2021 8:46 AM

To: Tamara Herrera < <u>Tamara.Herrera@asu.edu</u>>; William Terrill < <u>William.Terrill@asu.edu</u>>

Subject: Support/Impact Statement

Dean Herrera,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you,

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice



College of Health Solutions

From: Deborah Helitzer (Dean) < <u>Deborah.Helitzer@asu.edu</u>>

Sent: Wednesday, January 6, 2021 5:42 PM **To:** Jonathan Koppell < koppell@asu.edu>

Subject: Re: Crime Analysis MS and Certificate

The College of Health Solutions is happy to support your two new proposed curricular offerings: A Crime Analysis MS and Certificate.

If you have any questions, please don't hesitate to let me know.

Deborah

Deborah L. Helitzer, Sc.D.

Dean and Professor

College of Health Solutions

Arizona State University

550 North 3rd Street

Phoenix AZ 85004

602.496.2511

deborah.helitzer@asu.edu

Web: chs.asu.edu



New College of Interdisciplinary Arts and Sciences

Forwarded message From: Patricia Friedrich <
Hi Bill,
I am terribly sorry. I did forward to you the impact statement from the School of Social and behavioral Sciences, right? Having not heard back from Mathematical and Natural Sciences, I will assume there are no negative impacts there.
Thank you so much, Patty
Patricia Friedrich, PhD
She, Her, Hers
Associate Dean of Academic Programs and Faculty Affairs,
New College of Interdisciplinary Arts and Sciences
Professor of Sociolinguistics,
School of Social and Behavioral Sciences
Arizona State University
P. O. Box 37100
4701 W. Thunderbird Rd. Mail Code 3051
Phoenix, AZ, USA 85069-7100
voice 602 543-6046



From: William Terrill < wcterrill@gmail.com > Date: Tuesday, February 9, 2021 at 10:49 AM To: Patricia Friedrich < Patricia.Friedrich@asu.edu >

Subject: Fwd: MS in Crime Analysis - Agenda Item for February University Graduate Council

Hi Patty, we're scheduled for the Feb UGC meeting with only your support letter yet pending. Might you check the status on this with your folks?

Thanks. Bill

William Terrill, PhD

Arizona State University

Associate Dean, Watts College of Public Service and Community Solutions

Professor, School of Criminology & Criminal Justice

Co-Editor, Policing: A Journal of Policy & Practice

----- Forwarded message ------

From: Patricia Friedrich < Patricia. Friedrich@asu.edu>

Date: Wed, Feb 3, 2021 at 11:05 AM

Subject: FW: Impact/Support Statement Request To: William Terrill < William. Terrill@asu.edu>

Hi Bill,

I received this from SBS and was waiting on MNS, but will send you this one in advance if it helps. I will remind them and ask for EBD. More very soon, Patty

Patricia Friedrich, PhD



She. Her. Hers

Associate Dean of Academic Programs and Faculty Affairs,

New College of Interdisciplinary Arts and Sciences

Professor of Sociolinguistics,

School of Social and Behavioral Sciences

Arizona State University

P. O. Box 37100

4701 W. Thunderbird Rd. Mail Code 3051

Phoenix, AZ, USA 85069-7100

voice 602 543-6046

From: Nick Schweitzer < njs@asu.edu>

Date: Friday, January 29, 2021 at 10:47 AM

To: Patricia Friedrich < Patricia.Friedrich@asu.edu Cc: Scott Barclay < Subject: RE: Impact/Support Statement Request

Although the School of Social and Behavioral Sciences in not opposed to the introduction of the newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions, we do note that the proposed title of the program may cause unnecessary confusion among prospective students in relation to the existing MS Degree in Forensic Psychology offered by the School of Social and Behavioral Sciences (with many courses offered by the School of Criminology and Criminal Justice).

The title of the program may impact potential applicants to forensic psychology as it is likely not clear what "crime analysis" means outside of its usage within those already in the criminology or law enforcement field. We would prefer no major disruption to those successful online programs. Accordingly, we would suggest that our colleagues in SCCJ work with EdPlus (which we will also do) to make explicit to prospective applicants the scope and purpose of the proposed program.



Apart from the title, the program itself is unlikely to have a significant impact on the School of Social and Behavioral Sciences or its programs and we are supportive of the need for such a program at ASU.

Nick Schweitzer

Assistant Director for Academic Programs, School of Social and Behavioral Sciences

Nick Schweitzer

Associate Professor, School of Social and Behavioral Sciences Director, Law and Behavioral Science Arizona State University

https://lawpsych.asu.edu



Mary Lou Fulton Teachers College

From: William Terrill <wcterrill@gmail.com> Sent: Friday, January 29, 2021 7:49 AM

To: Hank Fradella < Hank. Fradella@asu.edu>; Alexis Cibrian < Alexis. Cibrian@asu.edu>

Subject: Re: Impact/Support Statement Request

William Terrill, PhD
Arizona State University
Associate Dean, Watts College of Public Service and Community Solutions
Professor, School of Criminology & Criminal Justice
Co-Editor, Policing: A Journal of Policy & Practice

On Fri, Jan 29, 2021 at 7:48 AM Carole Basile (Dean) < <u>Carole.Basile@asu.edu</u>> wrote: | Bill

The Mary Lou Fulton Teachers College supports the work proposed for the Crime Analysis MS and Certificate. We have no concerns at this time and wish you much success in moving this program forward.

Best--

Carole G. Basile
Dean
Arizona State University
Mary Lou Fulton Teachers College
P.O. Box 871811, Tempe, AZ 85281-1811
O: 480,965,3463 | M: 480,310,6887

From: William Terrill < wcterrill@gmail.com Date: Thursday, January 28, 2021 at 4:50 PM

To: Carole Basile (Dean) < Carole Basile@asu.edu>, William Terrill < wcterril@asu.edu>

Subject: Impact/Support Statement Request

Dean Basile,

I'm writing to request a support/impact statement (email will suffice) for a newly proposed Crime Analysis MS and Certificate that would be offered by our School of Criminal Justice in the Watts College of Public Service and Community Solutions. Please see attached.

I'm happy to answer any questions or concerns.

Thank you, Bill

William Terrill, PhD
Arizona State University
Associate Dean, Watts College of Public Service and Community Solutions
Professor, School of Criminology & Criminal Justice
Co-Editor, Policing: A Journal of Policy & Practice



(NEW GRADUATE INITIATIVES)

PROPOSAL PROCEDURES CHECKLIST

Academic units shou certificates).	uld adhere to the following procedures when requesting new curricular initiatives (degrees, concentrations or
	red approval from the Office of the Provost to move the initiative forward for internal ASU governance als. Please see the academic strategic plan website at: https://provost.asu.edu/curriculum-development .
_	courses that will be required for the new curricular program to the Curriculum ChangeMaker online course n for review and approval.
	nformation can be found at the Provost's Office Curriculum Development website: Courses link ns regarding proposing new courses, send an email to: courses@asu.edu
☐ Prepare the appli	cable proposal template and operational appendix for the proposed initiative.
□ Obtain letters or	memos of support or collaboration (if applicable).
when otherif the progra	arces (faculty or courses) from another academic unit will be utilized academic units or degree programs may be impacted by the proposed request am will have an online delivery option support will be required from the Provost's office and ASU Online. (<i>Please ne ASU Online Offering form in Curriculum ChangeMaker</i> to begin this request.)
\square Obtain the intern	al reviews/approvals of the academic unit.
academic uacademic u	ulty governance review committee(s) Init head (e.g. Department Chair or School Director) Init Dean or their designee (will submit approved proposal to the curriculumplanning@asu.edu email account for Uniternal governance reviews (as applicable, University Graduate Council, CAPC and Senate)
Additional Recon	nmendations
_	programs require specific processes and procedures to maintain a successful degree program. Below are items e College strongly recommends that academic units establish after the program is approved for implementation.
and/or college to go to http://gradu	ctory academic progress policies, processes and guidelines – Check within the proposing academic unit see if there are existing academic progress policies and processes in place. If none have been established, please tate.asu.edu/faculty_staff/policies and scroll down to the academic progress review and remediation processes taff) section to locate the reference tool and samples for establishing these procedures.
milestones they radmitted to the d	uate Student Handbook for the new degree program – Students need to know the specific requirements and must meet throughout their degree program. A Graduate Student Handbook, provided to students when they are egree program and published on the website for the new degree, gives students this information. To be included in the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the lal) and a link to the Graduate Policies and Procedures website: http://graduate.asu.edu/faculty_staff/policies .