

Fisk University  
2019-2020  
Undergraduate Bulletin Addendum



This Catalog Addendum contains new information about degree programs in Criminal Justice and Homeland Security that were approved since the publication of the current undergraduate bulletin in the summer of 2019. The Catalog Addendum can be used by students, faculty, and staff and for individuals inquiring about these programs.

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## **What does conferral mean, and what is the difference between conferral and completion?**

### **Conferral**

If your degree has been conferred, it means that you have been admitted into your award as a legal graduate of Fisk University. In order to be conferred you must have completed all academic and practical requirements and have no outstanding debts to the University. From the moment your degree has been conferred, you are an official legal graduate of the University and can use any titles associated with that award.

### **Completion**

Being marked as 'Completed' in your degree means that you have completed the academic requirements for your award.

Notes: Neither Diplomas nor formal transcripts are sent to students until all financial obligations to the University are met. Questions about diplomas, student addresses and order for diplomas should be directed to the Office of the University Registrar.

## **Schedule Changes**

All schedule changes must be completed by 4:30 p.m. (Central Time) on the final day of any registration, add/drop, or Beginning the second week of the semester.

## **Withdrawal**

If you wish to alter your original schedule, whether by personal incentive or by school directive, you must do so officially. If you do not assume this responsibility, you may jeopardize your record with the possibility of incurring an "E" in a course not properly dropped and/or not receiving credit in a course improperly added. Merely not attending a course does not automatically remove the course from your record.

Students are responsible for their enrollment! All students must act to drop/withdraw themselves from any classes. The University no longer cancels students' classes for failure to settle their account.

However, students may be administratively withdrawn from course(s) by the University for reasons including but not limited to the following: 1) lack of prerequisite, 2) excessive absences, 3) canceled class, 4) failure to meet immunization requirements, 5) disciplinary action, 6) academic dismissal.

## **Adding a Course**

Adding courses to your schedule is a defined process. Each student seeking to add a course to their schedule must officially register in the courses. Merely attending a course, without proper registration, will not automatically add a course to your schedule. All students seeking to add a course must do so officially.

## **How to change your schedule**

Through the first week of the semester. After priority registration and through the first week of a fall or spring semester (through the second day of First or Second summer, first day of Third Summer), students add or drop courses online using the CAMS portal. Computer stations are also available in the Registrar 's Office for students who need assistance with the online schedule change process.

### **Revised Grade Change Policy**

Grade changes must be made no later than the last day of classes for the next succeeding fall or Spring semester. If the grade change is for Summer, or December terms the change must be completed by the last day of the succeeding Fall, or Spring semester. No exceptions will be made to this policy.

## **CRIMINAL JUSTICE DEGREE PROGRAM**

Program Contact: Dr. Christine Burton, Ph.D. Sociology (Criminal Justice Concentration),  
Louisiana State University

Phone: 615-329-8564

Other Full-Time Faculty

Dr. Shirley Brown, Ph.D. Sociology, University of Tennessee

Criminology
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Dr. Dani Smith, Ph.D. Sociology (concentration), University of Tennessee

### **Program Overview: Criminal Justice**

The baccalaureate degree program in criminal justice reflects the unique perspective and history of Fisk University. Issues of racial disparity, racial profiling, the shootings of African American youths by police, the disproportionate incarceration of persons of color, the exoneration of persons sentenced to death, and the denial of civil rights to convicted felons call into question the administration of “justice” by the American criminal justice system. Fisk University, through its Race Relations Institute, was once a leading force in uniting scholars, policy makers, and practitioners in the battle against racial injustice. The criminal justice program at Fisk University is guided by critical analyses of the problems and successes of criminal justice systems throughout the world with the goal of producing scholars, policy makers, and practitioners in the criminal justice field who recognize injustice and seek to improve and/or change the existing system to benefit all societies.

### **Program Goals**

Students completing the program will be able to:

1. Identify the functions of the components and agents of the criminal justice system at the local, state, and national levels, and the legal statutes, court cases, and procedures that guide their operation.
2. Understand the theories of criminology that provide the foundation of the justice system.
3. Evaluate the positive and negative consequences of the exercise of discretionary power by each component and/or agent of the criminal justice system in an individualized system of justice.
4. Assess the effectiveness of the various criminal justice policies intended to prevent and control crime.
5. Distinguish disparities from discrimination regarding the application of criminal justice policies and the administration of justice in a multiracial and multiethnic global society.
6. Develop basic skills for quantitative and qualitative research design and data analysis.
7. Apply an ethical framework to reach judgments and sound decisions in recognizing injustices.
8. Understand the interplay between society and the criminal justice system, with emphasis on the social institutions, cultural norms and values, and the responses to other social problems that impact the criminal justice system.
9. Gain practical experience through an internship at a criminal justice or related agency.

## Course Requirements

Core courses 38 semester hours

Foreign language 0-12 semester hours (depending on language placement)

Cognate courses 12 semester hours

Required major courses 35 semester hours

Elective major courses 13 semester hours

General elective courses 10-18 semester hours

## Suggested Program Plan for Criminal Justice Majors

### **First Year, Fall Semester [15 credits]**

CORE 100 New Student Orientation [1 credit]

CORE 150 Composition 1 [3 credits]

CORE 131 Mathematics [3 credits]

CORE E: SOC 100 Introduction to Sociology [4 credits]

FREN OR SPAN 101 French or Spanish I [4 credits]

### **First Year, Spring Semester [16 credits]**

CORE 120 Critical Thinking [2 credits]

CORE 160 Composition II & Oral Communication [3 credits]

FREN or SPAN 102 Elementary French or Spanish II [4 credits]

SOC 118 Social Problems [4 credits]

General Elective [3 credits]

### **Second Year, Fall Semester [15 credits]**

CORE A: HIS 270 African American History [4 credits]

FREN or SPAN 200 Intensive Intermediate French or Spanish [4 credits]

HSS 280 Methods and Statistics for Social Research [4 credits]

CRJ 200 Introduction to Criminal Justice [3 credits]

### **Second Year, Spring Semester [16 credits]**

CORE 260 Humanities [3 credits]

CORE C: Arts [3 credits]

CRJ 210 Police and Society [3 credits]

CRJ 220 Corrections [3 credits]

PSCI 252 Judicial Process [4 credits]

### **Third Year, Fall Semester [16 credits]**

CORE 201 Introduction to Business and Entrepreneurship [3 credits]

SOC 351 Criminology [4 credits]

CRJ 300 Research and Technology in Criminal Justice [3 credits]

CRJ Elective [6 credits]

### **Third Year, Spring Semester [15 credits]**

CORE D: Natural Science [4 credits]

SOC 376 Race and Ethnicity [4 credits]

CRJ elective [3 credits]

PSY 348 Abnormal Psychology [4 credits]

### **Fourth Year, Fall Semester [15 credits]**

CORE 360 The World & Its Peoples [4 credits]

SOC 499 Senior Seminar [4 credits]

ECON 400 Business Ethics [3 credits]

General Elective [4 credits]



**Fourth Year, Spring Semester [12 credits]**

SOC 390 Internship [4 credits]

CRJ Elective [4 credits]

General Electives [4 credits]

Total hours required for graduation: 120 credits



**FISK UNIVERSITY**

*Bachelor of Arts (B.A.) in Criminal Justice*

Balance Sheet

**School of Humanities and Social Sciences**

**Department of Behavioral Sciences**

**Discipline of Criminal Justice**

Name:	Advisor:
Bulletin Year:	ID #
<b>Major: Sociology</b>	<b>120 Total Degree Hours</b>

<b>CORE REQUIREMENTS (36-42 Semester Hours)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CORE 100 New Student Orientation Seminar	1			
CORE 150 Composition I	3			
CORE 160 Composition II and Oral Communication	3			
CORE 120 Critical Thinking	2			
CORE 131 Mathematics I or MATH 101 College Algebra MATH 110,120 may be substituted *Math 100 = 0 credits <b>(TESTING DETERMINES PLACEMENT)</b>	3			
CORE 201 Introduction to Business and Entrepreneurship	3			
CORE 260 Humanities	3			
CORE 360 The World and Its Peoples	4			

<b>Choose one course from Groups A, B, C, and E (Chose 2 from Group D or CORE 240)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
<b>A. Cultural Exposure:</b> ART 291, 292; ENG 275; <b>HIS</b> 180, <b>270</b> MUS 200, 206;				
<b>B. Analytical Skills:</b> CORE 132; BAD 200, 260; MATH 125, 120; NSCI 360; <b>HSS 280 (COGNATE Required for Major, C or Higher; COGNATE COUNTS AS CORE Group B)</b>				<b>Met with Cognate</b>
<b>C. The Arts:</b> CORE 220; MUS 207, 208, 205; ART 207, 208				
<b>D. Natural Science:</b> CORE 240; BIO 101/101L; CHEM 113/103; PHYS 130/130L				
<b>E. Social Science:</b> ECON 230, 240; HIS 160; PSCI 122; PSY 180; <b>SOC 100</b>				

\*MATH 100 (credits are not counted towards degree requirements)

<b>FOREIGN LANGUAGE (0-12 credits) – (TESTING DETERMINES PLACEMENT)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
SPAN or FREN 101 Elementary I	4			
SPAN or FREN 102 Elementary II	4			
SPAN or FREN 200 Intermediate	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>REQUIRED COGNATE (12 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
HSS 280 Methods & Statistics for Social Research	4			
SOC 118 Social Problems	4			
SOC 376 Race and Ethnicity	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

**Bachelor of Arts (B.A.) in Criminal Justice cont.**

<b>MAJOR REQUIREMENTS (35 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CRJ 200 Introduction to Criminal Justice	3			
CRJ 210 Police and Society	3			
CRJ 220 Corrections	3			
CRJ 300 Research and Technology in Criminal Justice (HSS 280 prerequisite)	3			
PSCI 252 Judicial Process <b>or</b> PSCI 305 American Constitutional Law	4			
PSY 348 Abnormal Psychology (PSY 180 prerequisite)	4			
SOC 351 Criminology	4			
SOC 390 Internship	4			
ECON 400 Business Ethics	3			
SOC 499 Senior Seminar	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>REQUIRED ELECTIVES (13 credits minimum)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
SOC 254 Deviance and Social Control	4			
SOC 260 Women and Crime	4			
CRJ 342 Crime Victims	3			
SOC 355 Juvenile Delinquency	4			
SOC 358 Law and Society	4			
SOC 360 Special Topics	4			
CRJ 365 Comparative Criminal Justice	3			
CRJ 385 White Collar Crime	3			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>GENERAL ELECTIVES (10-18 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

**Recommended General Electives for Criminal Justice major (four credit hours unless otherwise specified)**

HIS 160 U.S. History	PSCI 111 Introduction to Political Science
PSY 180 General Psychology	PSCI 121 American Political Systems
PSY 205 Child and Adolescent Development	PSCI 130 Introduction to Public Administration
PSY 217 Biological Psychology	SOC 342 Social Psychology
PSY 262 Learning and Cognition	MGT 280 Management Principles and Practice (three credit hours)
PSY 341 Social Psychology	

**Bachelor of Arts (B.A.) in Criminal Justice cont.**Advising Checklist

**Total Hours Required for Graduation 120 hours**

<b>SUMMARY</b>		<b>EARNED</b>	<b>IN-PROGRESS</b>	<b>REMAINING</b>
<b>CORE Requirements</b>	<b>38</b>	_____	_____	_____
<b>Foreign Languages</b>	<b>0-12</b>	_____	_____	_____
<b>Cognates</b>	<b>12</b>	_____	_____	_____
<b>Major Requirements</b>	<b>35</b>	_____	_____	_____
<b>Major Required Electives</b>	<b>13</b>	_____	_____	_____
<b>General Electives</b>	<b>10-18</b>	_____	_____	_____
<b>TOTAL COMPLETED</b>	<b>120</b>	_____	_____	_____

*Total Hours Earned* \_\_\_\_\_

*Total Hours Needed* \_\_\_\_\_

## **COURSE DESCRIPTIONS FOR CRIMINAL JUSTICE COURSES**

### **CRJ 200 Introduction to Criminal Justice**

A critical analysis and assessment of the nature, processes, and organizations that comprise the American criminal justice system. A major emphasis is the criminal justice process and the conflicts at each stage of the process related to crime control, due process, and to race, ethnicity, gender, class, and age. **THREE CREDIT HOURS**

### **CRJ 210 Police and Society**

In the field of law enforcement in the United States, it is essential to know the contemporary problems being faced and combine that knowledge with empirical research and theoretical reasoning to arrive at best practices and an understanding of policing. This course provides a thorough analysis of the key issues in policing today and offers an issues-oriented discussion focusing on critical concerns such as personnel systems, organization and management, operations, discretion, use of force, culture and behavior, ethics and deviance, civil liability, and police-community relations. A critical assessment of police history and the role politics played in the development of American police institutions are also addressed, as well as globalization, terrorism, and homeland security. Prerequisite: CRJ 200. **THREE CREDIT HOURS**

### **CRJ 220 Corrections**

This course is designed to introduce students to the history of American corrections and the fundamental theories of punishment and treatment. A focus will be placed on correctional law, policy, practices, issues, and controversies within the correctional system. We will examine the incarceration rates of people of color and other groups, probation and parole, types of punishment and the public policy surrounding the expansion of community-based corrections. Prerequisite: CRJ 200. **THREE CREDIT HOURS**

### **SOC 260 Women and Crime**

This course begins with the introduction to issues that face women as they navigate the criminal justice system. Students will gain a better understanding of women as victims, offenders, and criminal justice professionals. **FOUR CREDIT HOURS**

### **CRJ 300 Research and Technology in Criminal Justice**

Examines the global application of research, technology, and crime analysis to support and enhance the effectiveness of criminal justice agencies in preventing and reducing crime. Prerequisites: HSS 280 and CRJ 200. **THREE CREDIT HOURS**

### **CRJ 342 Crime Victims**

The scientific study of the victims of crime, which includes the impact of victimization at the individual and

societal levels. Also included are the laws, policies, and resources relevant to criminal victimization and the intersection between crime victims and the criminal justice system. Prerequisite: CRJ 200. THREE CREDIT HOURS

### **SOC 351 Criminology**

A study of the theories explaining the causes of crime and criminal behavior with a specific focus on the prevention and control of crime. FOUR CREDIT HOURS

### **SOC 355 Juvenile Delinquency**

The course examines delinquent behavior and the general operation of the juvenile control system. FOUR CREDIT HOURS

### **SOC 358 Law and Society**

A study of the relationship between law and society with emphasis on the major classical and contemporary theories of law and society, the organization of law, law and social control, and law and social change. FOUR CREDIT HOURS

### **CRJ 365 Comparative Criminal Justice**

Comparison of international contemporary and historic justice processes with specific focus on similarities and differences in laws, police procedures, court practices, and correctional processes. Prerequisite: CRJ 200. THREE CREDIT HOURS

### **CRJ374: Global Terrorism**

An examination of global terrorism and its implications for homeland security. The course discusses the definition and conceptualization of terrorism, terrorist groups and tactics; and the social factors that contribute to the development of terrorist groups to better examine ways to combat the growing threat. THREE CREDIT HOURS.

### **CRJ384: Cyber Security**

This course provides a basic introduction to all aspects of cybercrime and security including business, policy and procedures, communications, network security, security management, legal issues, political issues and technical issues. THREE CREDIT HOURS.

### **CRJ 385 White Collar Crime**

An analysis of the crimes committed by individuals within the occupational setting and by corporations. Also examined are the physical, economic and social costs of white-collar crime, as well as the characteristics of white-collar offenders and explanations for white collar offending. Prerequisite: CRJ 200. THREE CREDIT HOURS.

### **CRJ 390: Internship in Homeland Security (3)**

The practicum entails assignment to homeland security organizations and agencies where students will participate in a minimum of 15 hours a week in the regular activities sponsored by the agency. A maximum of 20 hours per week can be provided. Students are required to demonstrate critical thinking skills in applying theory to solving societal problems. A detailed schedule of class activities will be required to meet the course requirement. Offered each year. Prerequisite: HMLS 225 and a minimum of four additional courses in Homeland Security. THREE CREDIT HOURS.

### **CRJ 499: Senior Seminar in Homeland Security (3)**

This senior capstone course allows students majoring in homeland security to analyze specific program related issues and problems using the knowledge and understanding gained by completing the required courses in the program and a significant number of the elective courses in the major. THREE CREDIT HOURS.

## **HOMELAND SECURITY DEGREE PROGRAM**

Program Contact: Dr. Christine Burton, Ph.D. Sociology (Criminal Justice Concentration), Louisiana State University

Phone: 615-329- 8564

### Other Full-Time Faculty

Dr. Shirley Brown, Ph.D. Sociology, University of Tennessee

Dr. Dani Smith, Ph.D. Sociology (Criminology concentration), University of Tennessee

Fisk University's Homeland Security baccalaureate degree program is designed to promote the success of scholars and leaders within a global perspective. The program also provides students with opportunities to explore security issues facing the United States. Additionally, the program also prepares enrolled students for a competitive and rewarding career around Homeland Security. Homeland Security means special agents and national security, but it also includes areas like emergency management and technology. It promotes leadership, problem-solving, and inner resolve which are consistent with a liberal arts education. Homeland security is a relatively new and growing field, and with workers in high demand across the country, it is a great option for Fisk students.

Students enrolling in the program gain an understanding of the modern challenges of transnational security, terror groups, and cyber warfare through a mix of theoretical and applied learning opportunities. At the completion of the program, students will know how to identify and neutralize domestic and international threats and how to perform homeland security investigation.

### Program Goals:

1. Identify origins of the Department of Homeland Security and the laws, constitutional issues, regulations, and policies that regulate their operations on a daily basis.
2. Examine and analyze specific problems within the areas of Homeland Security and present the results in both documented and oral forms;
3. Identify evidence-based strategies that reduce the impact of terrorism and how these plans are evaluated;
4. Evaluate the growing threats of cyber security and its effect on businesses, communications, politics, and critical network security;
5. Gain an understanding of Homeland Security issues from a global perspective.
6. Demonstrate the ability to think critically, pragmatically and strategically in the completion of a capstone project that applies students' learning to specific homeland security administration issues.

### **Requirements for the B.A. in Homeland Security**

Core courses 38 semester hours

Foreign language 0-12 semester hours (depending on language placement)

Cognate courses 13 semester hours

Required major course 15 semester hours

Elective major courses 13 semester hours

General elective courses 12-18 semester hours (depending on language placement)



**FISK UNIVERSITY**

*Bachelor of Arts (B.A.) in Homeland Security*  
Balance Sheet

**School of Humanities and Social Sciences**  
**Department of Behavioral Sciences**

**Discipline of Homeland Security**

Name:	Advisor:
Bulletin Year:	ID #
<b>Major: Homeland Security</b>	<b>120 Total Degree Hours</b>

<b>CORE REQUIREMENTS (36-42 Semester Hours)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CORE 100 New Student Orientation Seminar	1			
CORE 150 Composition I	3			
CORE 160 Composition II and Oral Communication	3			
CORE 120 Critical Thinking	2			
CORE 131 Mathematics I or MATH 101 College Algebra MATH 110,120 may be substituted *Math 100 = 0 credits <b>( TESTING DETERMINES PLACEMENT )</b>	3			
CORE 201 Introduction to Business and Entrepreneurship	3			
CORE 260 Humanities	3			
CORE 360 The World and Its Peoples	4			

<b>Choose one course from Groups A, B, C, and E (Chose 2 from Group D or CORE 240)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
<b>A. Cultural Exposure:</b> ART 291, 292; ENG 275; HIS 180, 270 MUS 200, 206;				
<b>B. Analytical Skills:</b> CORE 132; BAD 200, 260; MATH 125, 120; NSCI 360; <b>HSS 280 (COGNATE Required for Major, C or Higher; COGNATE COUNTS AS CORE)</b>				<b>Met with Cognate</b>
<b>C. The Arts:</b> CORE 220; MUS 207, 208, 205; ART 207, 208				
<b>D. Natural Science:</b> CORE 240; BIO 101/101L; CHEM 113/103; PHYS 130/130L				
<b>E. Social Science:</b> ECON 230, 240; HIS 160; PSCI 122; PSY 180; <b>SOC 100 (SOC majors or joint majors may NOT use to fulfill Group E Requirement: Required for Major, C or Higher)</b>				

\*MATH 100 (credits are not counted towards degree requirements)

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>FOREIGN LANGUAGE (0-12 credits) – ( TESTING DETERMINES PLACEMENT )</b>	Credit Hours	Grade Earned	Semester Earned	Comments
SPAN or FREN 101 Elementary I	4			
SPAN or FREN 102 Elementary II	4			
SPAN or FREN 200 Intermediate	4			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>REQUIRED COGNATE (13 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
HSS 280 (Methods & Statistics for Social Research)	4			
HMLS225 (Introduction to Homeland Security)	3			

CRJ 499 (Senior Seminar) cross listed with SOC 499	3			
HMLS 390 (Internship ) ( cross listed with SOC 390 Internship in Criminal Justice)	3			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

	Credit Hours	Grade Earned	Semester Earned	Comments
<b>MAJOR REQUIREMENTS (15 credits)</b>				
CRJ 200 (Introduction to Criminal Justice)	3			
HMLS 201 ( Introduction to Emergency Management)	3			
HMLS 220 ( Border and Immigration Control)	3			
SOC 365 Note: Must renumber ( Social Dimensions of Disaster)	3			
HMLS 400 (Critical infrastructure Protection)	3			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

	Credit Hours	Grade Earned	Semester Earned	Comments
<b>MAJOR REQUIRED COURSES (20 credits minimum; Joints (12 credits minimum)m; 20 hours maximum)</b>				
SOC 351 (Criminology	4			
CRJ 390 (Internship) (cross listed with SOC 390)	3			
CRJ 374 (Global Terrorism)	3			
CRJ 384 (Cybercrime)	3			
PSCI 305 (American Constitutional Law)	4			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

	Credit Hours	Grade Earned	Semester Earned	Comments
<b>ELECTIVES in Homeland Security (13 credits minimum)</b>				
PSCI 305 (American Constitutional law)	4			
PSCI 252 (Judicial Process)	4			
SOC 358 (Law and Society)	4			
HMLS 360 (Special Topics)	3			
PSCI 122 (American Political Systems)	4			
CRJ 376 (The Surveillance Society)	3			
PSCI 321 (International Law and Organization)	4			
PSY 348 (Abnormal Psychology) (PSY 180 prerequisite)	4			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

	Credit Hours	Grade Earned	Semester Earned	Comments
<b>GENERAL ELECTIVES (10-18 credits)</b>				

**Total Hours Needed** \_\_\_\_\_

**Total Hours Earned** \_\_\_\_\_

Recommended General Electives for Homeland Security Major

PSY 217 Biological Psychology 4 credit hours



PSY 262 Learning and Cognition 4 credit hours  
 PSY 341 Social Psychology 4 credit hours  
 SOC 342 Social Psychology 4 credit  
 hours HIS 220 Selected Topics in World History 4 credit  
 hours

Advising Checklist

**Total Hours Required for Graduation 120 hours**

<b>SUMMARY</b>		<b>EARNED</b>	<b>IN-PROGRESS REMAINING</b>	
<b>CORE Requirements</b>	<b>36-42</b>	_____		
<b>Foreign Languages</b>	<b>0-12</b>	_____		
<b>Cognates</b>	<b>13</b>	_____		
<b>Major Requirements</b>	<b>15</b>	_____		
<b>Major Required Electives</b>	<b>12-20</b>	_____	_____	_____
<b>General Electives</b>	<b>10-18</b>	_____	_____	_____
<b>TOTAL COMPLETED</b>	<b>120</b>	_____	_____	_____

*Total Hours Earned* \_\_\_\_\_

## **Homeland Security Curriculum with Course Descriptions**

RECOMMENDATION: Include only HMLS courses here

### **CRJ 200:** Introduction to Criminal Justice

A critical analysis and assessment of the nature, processes, and organizations that comprise the American criminal justice system. A major emphasis is the criminal justice process and the conflicts at each stage of the process related to crime control, due process, and to race, ethnicity, gender, class, and age. **THREE CREDIT HOURS.**

### **HMLS 201:** Introduction to Emergency Management

This course introduces students to the field of Emergency Management with special attention to principles and practices of emergency management at the local, state and national levels. **THREE CREDIT HOURS.**

### **HMLS 220:** Border and Immigration Control

This course will examine the political and operational factors influencing border and immigration control at the federal, state and local levels. Students analyze homeland security legislation, practices and presidential directives focusing on issues dealing with border and immigration control. **THREE CREDIT HOURS.**

### **SOC:** Social Dimensions of Disaster

This course examines the sociological, psychological and physiological human responses and behaviors to natural and human made disasters. Special emphasis will be on normal and abnormal reactive behaviors, the recovery process and principles of mental health care for victims and responders of disasters. This course provides an extensive foundation for understanding how people act in disasters from a social and psychological perspective. **THREE CREDIT HOURS.**

### **HMLS 225:** Introduction to Homeland Security

An overview of the history, organization and functions of the Department of Homeland Security. This course will focus on the theories, concepts, and research pertaining to homeland security in America. **THREE CREDIT HOURS**

### **HSS 280,** Methods and Statistics for Social Research

An introduction to the principles of research techniques commonly used in the social sciences. The course will include analysis of data, including the construction of tables and graphs and the calculations of descriptive statistics, such as measures of central tendency, variability, and correlation. Students will critically read examples of research reports and research topics, using existing records in the Library and in computer databases. (Prerequisite: CORE 131 – Mathematics, MATH 101, or higher.) **FOUR CREDIT HOURS**

### **HMLS 400:** Critical Infrastructure Protection

This course provides a basic understanding of the identification, prioritization, and protection of critical infrastructure including information technology, telecommunications, chemical, transportation, energy, water, medical, emergency services and postal and shipping. This course focuses on risk-based implementation of protective measures and practices. **THREE CREDIT HOURS.**

**CRJ374: Global Terrorism**

An examination of global terrorism and its implications for homeland security. The course discusses the definition and conceptualization of terrorism, terrorist groups and tactics; and the social factors that contribute to the development of terrorist groups to better examine ways to combat the growing threat. **THREE CREDIT HOURS.**

**CRJ384: Cyber Security**

This course provides a basic introduction to all aspects of cybercrime and security including business, policy and procedures, communications, network security, security management, legal issues, political issues and technical issues. **THREE CREDIT HOURS.**

**CRJ 499: Senior Seminar in Homeland Security (3)**

This senior capstone course allows students majoring in homeland security to analyze specific program related issues and problems using the knowledge and understanding gained by completing the required courses in the program and a significant number of the elective courses in the major. **THREE CREDIT HOURS.**

**CRJ 390: Internship in Homeland Security (3)**

The practicum entails assignment to homeland security organizations and agencies where students will participate in a minimum of 15 hours a week in the regular activities sponsored by the agency. A maximum of 20 hours per week can be provided. Students are required to demonstrate critical thinking skills in applying theory to solving societal problems. A detailed schedule of class activities will be required to meet the course requirement. Offered each year. Prerequisite: HMLS 225 and a minimum of four additional courses in Homeland Security. **THREE CREDIT HOURS.**

## **DATA SCIENCE PROGRAM**

Program Contact: Sajid Hussain, PhD; Assoc. Professor; Discipline Coordinator, Data Science  
Phone: 615-329- 8524, Email: [shussain@fisk.edu](mailto:shussain@fisk.edu).

### Other Full-Time Faculty

Lei Qian, PhD, Associate Professor Computer Science  
ClarLynda Devane-Williams, PhD., Associate Professor Bioinformatics  
Cathy Martin, PhD, Associate Professor of Mathematics  
Sanjukta Hota, PhD, Professor of Mathematics  
Md Ziaul Haque, PhD, Associate Professor of Mathematics  
Qingxia Li, PhD, Associate Professor of Mathematics

### **Program Overview**

The data science program prepares students for inter-disciplinary careers related to computing and big data. Students are trained for both professional careers and graduate studies. A minor in data science may be taken in combination with any other major.

Data Science is an interdisciplinary field of scientific methods, processes, and systems to extract knowledge or insights from data. Virtually every area of our society is generating considerable data: social networking, business platforms, health care and personalized/precision medicine, digital humanities for literature and historical ‘excavation’, defense and security, manufacturing and supply chain, climate change forecasting, as examples. However, without data management, curation, analysis and visualization – these data do not inform new insights.

### **Program Goals**

The goals of the program in data science are designed to produce graduates who can:

- successfully qualify for positions in data science, computer science, information technology, lab technicians, and research scientists; entry into graduate schools in data science, computer and information sciences and technologies; entry into the workforce as data scientists, software engineers, and data analysts;
- enter other professions that require a background in computer science or computer technology;
- teach computer-related subject matter to individuals at the post-secondary level; and
- become productive citizens who contribute to the welfare and development of their communities through their career activities.

Students who complete the major in data science will:

- Have knowledge of the conceptual framework of the major branches of computer science.
- Be able to apply the computer science theoretical principles to problems using the appropriate data structures and algorithms.
- Be able to work effectively in Windows, Unix/Linux, MacOS operating systems.
- Be able to program effectively with high-level programming languages.
- Be able to apply the necessary technical skills that are fundamental to experimental data science.
- Have a fundamental understanding of the relationship of computer science and mathematics to another partner discipline.
- Be aware of the role of data and computational thinking in society.

## Course Requirements

The CORE Curriculum provides broad understanding of cultures, history, and the development of effective communication skills that are fostered in a liberal arts environment.

In addition to CORE requirements, students complete 58-60 credits in three (3) areas:

1. Computational Thinking,
2. Mathematics-Statistics, and
3. Partner Discipline (e.g. Psychology, Biology, Political Science, or Business Administration).

As Data Science has strong interdisciplinary focus, there are several options for a **Joint Major** with Data Science: Biology, Business Administration, English, History, Psychology, Political Science, Mathematics, Sociology, etc.

The **Data Science minor requires** 20-22 cr. in Computational Thinking and Statistics. The minor in data science is available to any student who is not majoring in data science/computer science. The program requires the successful completion (grade of "C" or better) of 22-24 semester hours of courses in computer science.

**FISK UNIVERSITY**  
**School of Natural Sciences, Mathematics, & Business**  
 Department of Mathematics & Computer Science

*Bachelor of Arts (B.A.) in Data Science*  
Balance Sheet

<b>Name:</b>	<b>Advisor:</b>
<b>Bulletin Year:</b>	<b>ID #</b>
<b>Major: Data Science</b>	<b>Total Degree Hours: 120 credit hours</b>

<b>CORE REQUIREMENTS (31-34 Semester Hours)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CORE 100 New Student Orientation Seminar	1			
CORE 150 Composition I	3			
CORE 160 Composition II and Oral Communication	3			
CORE 120 Critical Thinking	2			
CORE 201 Introduction to Business and Entrepreneurship	3			
CORE 260 Humanities	3			
CORE 360 The World and Its Peoples	4			
Group A-Culture Exposure Art 291; 292; English 275; History 180, 270; Music 200,206;	3-4			
Group C-The Arts CORE 220; Music 207, 208,205 Art 207,208	2-3			
Group D-Science CORE 240 or Biol 101/101L and Chem 113/103L or Chem 113/103L and PHYS 130/130L or PHYS 130/130L and Biol 101/101L	4			
Group E-Social Science Econ 230,240; HIS 160; PSCI 122; PSY 180; SOC 100	3-4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>FOREIGN LANGUAGE (0-12 credits) – (depending on the foreign language placement scores)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
SPAN or FREN 101 Elementary I	4			
SPAN or FREN 102 Elementary II	4			
SPAN or FREN 200 Intermediate	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>COMPUTER SCIENCE REQUIREMENTS (24 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CSCI 110/110L Introduction to Computer Science I & Lab	4			
CSCI 120/120L Introduction to Computer Science II & Lab	4			
CSCI 241 Data Structures and Algorithms	4			
CSCI 312 Database	4			
CSCI 280 Mathematical Modeling of Bio. Systems.	4			
CSCI 380 Machine Learning	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>MATHMATICS REQUIREMENTS (8 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
Calculus I (MATH 120 – Calculus I, Bio-Calculus, or BAD 200 Applied Calculus)	4			
MATH Course approved by the Advisor	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

**Bachelor of Arts (B.A.) in Data Science**

Balance Sheet (cont'd)

<b>STATISTICS REQUIREMENTS</b> (4 credits)	Credit Hours	Grade Earned	Semester Earned	Comments
NSCI 2xx Bio Statistics, or BAD 260 Applied Statistics, or HSS 280 Stat. for the Social Science Research, or NSCI 360 Stat.				

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>PARTNER DISCIPLINE REQUIREMENTS</b> (18-20 credits)	Credit Hours	Grade Earned	Semester Earned	Comments
18-20 hours of any major (approved by the advisor)				
<b>Psychology:</b> PSY 262 Learning and Cognition (4 cr.) PSY 310 Exp/Quasi-Exp Research (4 cr.) PSY 221 – Intro to Personality (4 cr.)				
<b>Business:</b> MGT 280 – Management Principles (3 cr.) MGT 330 – Production Operations (4 cr.) MGT 380 – Entrepreneurial Develop. (4 cr.)				

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>CAPSTONE REQUIREMENTS</b> (4 credits)	Credit Hours	Grade Earned	Semester Earned	Comments
CSCI 201 - Sophomore Seminar 1	0.5			
CSCI 201 – Sophomore Seminar 2	0.5			
CSCI 301 – Junior Seminar 1	0.5			
CSCI 302 – Junior Seminar 2	0.5			
CSCI 410 – Senior Seminar	2			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

***Bachelor of Arts (B.A.) in Data Science***Balance Sheet (cont'd)

<b>GENERAL ELECTIVES (14 credits)</b>	<b>Credit Hours</b>	<b>Grade Earned</b>	<b>Semester Earned</b>	<b>Comments</b>

***Total Hours Earned*** \_\_\_\_\_ ***Total Hours Needed*** \_\_\_\_\_

**Total Hours Required For Graduation 120 hours**

<b>CORE Requirements</b>	<b>31-34</b>	_____	
<b>Foreign Languages</b>	<b>0-12</b>	_____	<i>(Credits will vary depending on placement score results)</i>
<b>Computer Science</b>	<b>24</b>	_____	
<b>Math Requirements</b>	<b>8</b>	_____	
<b>Statistics Requirements</b>	<b>4</b>	_____	
<b>Partner Discipline</b>	<b>18-20</b>	_____	
<b>Capstone</b>	<b>4</b>	_____	
<b>General Electives</b>	<b>14</b>	_____	
<b>Total Completed</b>	<b>120</b>	_____	

Proficiency Examination	Date Passed:
Exit Examination	Date Passed:
	Date Passed:

\*Mathematics requirement –in lieu of the core mathematics course (CORE 131) and Group B-Analytical Skills, computer science majors take MATH 120, MATH 115 and other prerequisites as appropriate according to placement test results.



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*Bachelor of Science (B.S.) in Data Science*  
Balance Sheet

<b>Name:</b>	<b>Advisor:</b>
<b>Bulletin Year:</b>	<b>ID #</b>
<b>Major: Data Science</b>	<b>Total Degree Hours: 120 credit hours</b>

<b>CORE REQUIREMENTS</b> (31-34 Semester Hours)	Credit Hours	Grade Earned	Semester Earned	Comments
CORE 100 New Student Orientation Seminar	1			
CORE 150 Composition I	3			
CORE 160 Composition II and Oral Communication	3			
CORE 120 Critical Thinking	2			
CORE 201 Introduction to Business and Entrepreneurship	3			
CORE 260 Humanities	3			
CORE 360 The World and Its Peoples	4			
Group A-Culture Exposure Art 291; 292; English 275; History 180, 270; Music 200,206;	3-4			
Group C-The Arts CORE 220; Music 207, 208,205 Art 207,208	2-3			
Group D-Science CORE 240 or Biol 101/101L and Chem 113/103L or Chem 113/103L and PHYS 130/130L or PHYS 130/130L and Biol 101/101L	4			
Group E-Social Science Econ 230,240; HIS 160; PSCI 122; PSY 180; SOC 100	3-4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>FOREIGN LANGUAGE</b> (0-12 credits) – ( <i>depending on the foreign language placement scores</i> )	Credit Hours	Grade Earned	Semester Earned	Comments
SPAN or FREN 101 Elementary I	4			
SPAN or FREN 102 Elementary II	4			
SPAN or FREN 200 Intermediate	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>COMPUTER SCIENCE REQUIREMENTS</b> (24 credits)	Credit Hours	Grade Earned	Semester Earned	Comments
CSCI 110/110L Introduction to Computer Science I & Lab	4			
CSCI 120/120L Introduction to Computer Science II & Lab	4			
CSCI 241 Data Structures and Algorithms	4			
CSCI 312 Database	4			
CSCI 280 Mathematical Modeling of Bio. Systems.	4			
CSCI 380 Machine Learning	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>MATHEMATICS REQUIREMENTS</b> (16 credits)	Credit Hours	Grade Earned	Semester Earned	Comments
MATH 120 Calculus I	4			
MATH 130 Calculus II	4			
MATH 115 Discrete Mathematics	4			
MATH 240 Linear Algebra	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

**Bachelor of Science (B.S.) in Data Science****Balance Sheet (cont'd)**

<b>STATISTICS REQUIREMENTS (4 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
NSCI 2xx Bio Statistics, or BAD 260 Applied Statistics, or HSS 280 Stat. for the Social Science Research, or NSCI 360 Stat.				

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>PARTNER DISCIPLINE REQUIREMENTS (10-12 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
10-12 hours of any major (approved by the advisor)				
<b>Psychology:</b> PSY 262 Learning and Cognition (4 cr.) PSY 310 Exp/Quasi-Exp Research (4 cr.) PSY 221 – Intro to Personality (4 cr.)				
<b>Business:</b> MGT 280 – Management Principles (3 cr.) MGT 330 – Production Operations (4 cr.) MGT 380 – Entrepreneurial Develop. (4 cr.)				

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

<b>CAPSTONE REQUIREMENTS (4 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CSCI 201 - Sophomore Seminar 1	0.5			
CSCI 201 – Sophomore Seminar 2	0.5			
CSCI 301 – Junior Seminar 1	0.5			
CSCI 302 – Junior Seminar 2	0.5			
CSCI 410 – Senior Seminar	2			

**Total Hours Earned** \_\_\_\_\_ **Total Hours Needed** \_\_\_\_\_

**Bachelor of Science (B.S.) in Data Science**

Balance Sheet (cont'd)

<b>GENERAL ELECTIVES (14 credits)</b>	<b>Credit Hours</b>	<b>Grade Earned</b>	<b>Semester Earned</b>	<b>Comments</b>

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

**Total Hours Required For Graduation 120 hours**

<b>CORE Requirements</b>	<b>31-34</b>	_____	
<b>Foreign Languages</b>	<b>0-12</b>	_____	<i>(Credits will vary depending on placement score results)</i>
<b>Computer Science</b>	<b>24</b>	_____	
<b>Math Requirements</b>	<b>16</b>	_____	
<b>Statistics Requirements</b>	<b>4</b>	_____	
<b>Partner Discipline</b>	<b>10-12</b>	_____	
<b>Capstone</b>	<b>4</b>	_____	
<b>General Electives</b>	<b>14</b>	_____	
<b>Total Completed</b>	<b>120</b>	_____	

Proficiency Examination	Date Passed:
Exit Examination	Date Passed:
	Date Passed:

\*Mathematics requirement –in lieu of the core mathematics course (CORE 131) and Group B-Analytical Skills, computer science majors take MATH 120, MATH 115 and other prerequisites as appropriate according to placement test results.

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*Minor in Data Science*  
Balance Sheet

<b>Name:</b>	<b>Advisor:</b>
<b>Bulletin Year:</b>	<b>ID #</b>
<b>Minor: Data Science</b>	<b>Total Hours: 22-24 credit hours</b>

<b>COMPUTER SCIENCE REQUIREMENTS (12 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
CSCI 110/110L Introduction to Computer Science I & Lab	4			
CSCI 120/120L Introduction to Computer Science II & Lab	4			
CSCI 241 Data Structures and Algorithms	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>STATISTICS REQUIREMENTS (4 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
NSCI 2xx Bio Statistics, or BAD 260 Applied Statistics, or HSS 280 Stat. for the Social Science Research, or NSCI 360 Stat.				

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

<b>REQUIRED ELECTIVES (6-8 credits)</b>	Credit Hours	Grade Earned	Semester Earned	Comments
Any two (2) courses approved by the advisor				
CSCI 312 Database	4			
CSCI 280 Mathematical Modeling of Bio. Systems.	4			
CSCI 380 Machine Learning	4			

*Total Hours Earned* \_\_\_\_\_ *Total Hours Needed* \_\_\_\_\_

## Admission to Teacher Education

Students seeking admission to any teacher preparation program offered by the University must adhere to the following guidelines:

- Submission of a separate application (obtained from the teacher education office. Such applications must be submitted by the end of the first semester of the sophomore year) to the Teacher Education Coordinator (students entering the University as first-time freshmen are not admitted into the Teacher Education program);
- Attain requisite score on the PRAXIS I (Core Academic Skills for Educators). These scores are Math 150/Reading 156/ and Writing 162;
- Satisfactory progress towards completion of an academic major chosen from among those acceptable for the elementary or secondary education program selected;
- Hold a minimum cumulative Fisk grade point average of 2.5 or better;
- Completion of a comprehensive criminal background check;
- Submission of three faculty letters of recommendation;
- Completion of a professional essay describing why the prospective student wants to enter the program;
- and completion of an Interview with the Professional Education Council.

Students failing to meet any of the requirements above will be unable to enter the Teacher Education Program.