

# CIS: Cyber Security with a minor in Finance and Banking

Curriculum Monitoring Sheet

For CIS: Cyber Security Majors only - 120 hours for graduation (Preq.=Prerequisite)

Name: \_\_\_\_\_ ID: \_\_\_\_\_

## I. General Education Hours (51 to 52 hours - Required for All CIS students.)

<b>General Studies</b>	1	_____
GST 004		
<b>*Freshman Composition</b> (A grade of 'C' or above required.)	6	___/___
ENG 101 and ENG 102		
<b>Literature</b> (Preq.: ENG 101 and ENG 102)	6	___/___
HUM 225 or 226		
<b>AND one of the following:</b>		
HUM 225 or HUM 226, ENG 323, 324, 328, 329, 354		
<b>*Mathematics</b> (Both courses required. A grade of 'C' or above required.)	6	___/___
MAT 115 and MAT 160		
<b>Natural Science</b> (One course with Lab)	4	_____
SCI 150 Biological, SCI 151 Physical, SCI 152 Chemical, NSC 260		
<b>World Civilizations</b> (One course)	3	_____
HIS 145, 146 HIS 201, 202		
<b>Fine Arts, Speech, and Drama</b> (One course)	2 - 3	_____
ART 308, 309 HUM 210, 211 MUS 201, 202, 301, 302 SPH 203, 217, or THR 305 (Preq. THR 201)		

<b>Foreign Language</b> (Two courses. One at the 102 level or higher)	6	___/___
French, Spanish		
<b>African-American Heritage</b> (One course)	3	_____
ART 310 ENG 337, 338 (Preq. ENG 101 and ENG 102) HIS 225, 226 MUS 333, 321 NSC 290 REL 235		
<b>Personal Wellness</b> (Both courses)	2	___/___
HLH 101 and PED 101		
<b>Computer Information Systems</b> (A grade of 'C' or above required.)	3	_____
CIS 163		
<b>Social Science</b>	9	___/___/___
ECO 231 (A grade of 'C' or above required.)		
<b>AND two courses from one of three areas below:</b>		
a) PSY 101, 201 b) GEO 203, 204, 205, PSC 230, or SOC 200 c) REL 201, 224, 311, 312, 316, <b>OR</b> PHI 211, 212, 213, 314, 316		
<b>TOTAL</b>		<b>51 – 52 credits</b>

\*Students who's Placement Test scores fall below certain levels may be advised to take ENG 100 and MAT 100. These courses do not count towards graduation.

## II. SLSB Core Courses (13 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)

ACC 201 – Financial Accounting	Preq.: MAT 160 or 170	4	_____
FNB 300 – Principles of Finance	Preq.: ACC 201	3	_____
MGT 200 – Intro to Legal Environments	Preq.: Sophomore standing	3	_____
MGT 314 – Management and Organizational Behavior	Preq.: Junior standing	3	_____

## III. Information Systems Courses (18 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)

CIS 263 – Networks and Telecommunication	Preq.: CIS 163	3	_____
CIS 265 – Electronic Commerce	Preq.: CIS 163	3	_____
CIS 360 – Database Design and Implementation	Preq.: CIS 263, CIS 265	3	_____
CIS 362 – IS Hardware and Software	Preq.: CIS 263, CIS 265	3	_____
CIS 364 – Systems Analysis and Design	Preq.: CIS 360, CIS 362	3	_____
<b>Plus one of the following:</b>			
CIS 368 – Application Programming	Preq.: CIS 263, CIS 265	3	_____
CIS 363 – Operating Systems	Preq.: CIS 360, CIS 362	3	_____

## IV. Cyber Security Courses (9 hours - Required for All CIS: Cyber Security Majors. A grade of 'C' or above required.)

CIS 214 – Foundations of Cyber Crime and Security	Preq.: CIS 163	3	_____
CIS 215 – Foundations of Digital Forensics	Preq.: CIS 163	3	_____
CIS 462 – Network Security Management	Preq.: CIS 263	3	_____

## V. Mathematics Course (3 hours - A grade of 'C' or above required.)

MAT 201 – Statistics	Preq.: MAT 115 or higher	3	_____
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## VI. Investigative Courses (9 hours - A grade of 'C' or above required.)

CCJ 180 – Introduction to Criminal Justice System		3	_____
CCJ 205 – Criminology	Preq.: CCJ 180	3	_____
CCJ 314 – Criminal Investigations	Preq.: CCJ 180	3	_____

## VII. Finance and Banking Courses (15 hours - A grade of 'C' or above required.)

FNB 344 – Public Finance	Preq.: FNB 300	3	_____
ECO 440 – Banking and the Financial System	Preq.: ECO 232 or permission of the SLSB	3	_____
FNB 443 – International Trade and Finance	Preq.: FNB 300	3	_____
FNB 441 – Investments	Preq.: FNB 300	3	_____
FNB 444 – Financial Decision Making	Preq.: FNB 300	3	_____

## VII. Electives (2 hours)

## Freshman Year

First Semester		
Class	Hrs.	Grade
ENG 101 – Freshman Composition I	3	
World Civilizations (HIS 145, 146, 201, or 202)	3	
MAT 115 – Mathematics	3	
French or Spanish (101)	3	
GST 004 – General Studies	1	
CIS 163 – Computer Information Systems	3	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
ENG 102 – Freshman Composition II	3	
MAT 160 – Mathematics	3	
French or Spanish (102)	3	
African American Heritage (ART 310; HIS 225, 226; ENG 337, 338; MUS 321, 333; or REL 235)	3	
Natural Science with Lab (SCI 150, 151, 152, or NSC 260)	4	
<b>TOTAL</b>	<b>16</b>	

## Sophomore Year

First Semester		
Class	Hrs.	Grade
Literature I (HUM 225 or 226, and one of: HUM 225, HUM 226, ENG 323, ENG 324, ENG 328, ENG 329, ENG 354)	3	
ACC 201 – Financial Accounting	4	
ECO 231 – Macro-Economics	3	
CIS 214 – Founda. of Cyber Crime and Security	3	
Social Science (PSY 101, PSY 201, GEO 203, PSC 230, SOC 200)	3	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
Literature II (HUM 225 or 226, and one of: HUM 225, HUM 226, ENG 323, ENG 324, ENG 328, ENG 329, ENG 354)	3	
FNB 300 – Principles of Finance	3	
CCJ 180 – Intro. To Criminal Justice	3	
CIS 215 – Foundations of Digital Forensics	3	
SPH 217 – Informative Speaking	2	
PED 101 or HLH 101	1	
<b>TOTAL</b>	<b>15</b>	

## Junior Year

First Semester		
Class	Hrs.	Grade
MGT 200 – Intro. to Legal Environments	3	
ECO 440 – Banking and the Financial System	3	
CIS 263 – Networks and Telecommunication	3	
CCJ 205 – Criminology	3	
PED 101 or HLH 101	1	
CIS 265 – Electronic Commerce	3	
<b>TOTAL</b>	<b>16</b>	

Second Semester		
Class	Hrs.	Grade
CCJ 314 – Criminal Investigations	3	
CIS 362 – IS Hardware and Software	3	
FNB 443 – International Trade and Finance	3	
Social Science (REL 224, REL 311, REL 312, REL 316, PHI 211, PHI 212, PHI 213, PHI 314, PHI 316)	3	
MAT 201 – Statistics	3	
<b>TOTAL</b>	<b>15</b>	

## Senior Year

First Semester		
Class	Hrs.	Grade
CIS 368 – Application Programming OR CIS 363 – Operating Systems	3	
CIS 360 – Database Design and Implement.	3	
FNB 344 – Public Finance	3	
MGT 314 – Management and Org. Behavior	3	
<b>TOTAL</b>	<b>12</b>	

Second Semester		
Class	Hrs.	Grade
FNB 444 – Financial Decision Making	3	
CIS 462 – Network Security Management	3	
CIS 364 – System Analysis and Design	3	
FNB 441 – Investments	3	
Free elective	2	
<b>TOTAL</b>	<b>14</b>	

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