

Name:

Mentor:

Admit Term:

Student ID#:

Transfer Degree (Post Bacc, AST2, DTA):

Graduation Term:

Foundation Courses	Equivalent Course	Hours	Alert	Grade	Semester
CPTS 121 <sup>(1)</sup>		4			
CPTS 122 <sup>(1)</sup>		4			
CPTS 223 <sup>(1)</sup>		3			
CPTS 260		3			
ENGL 101/105 [WTNG]		3			
MATH 171 [QUAN]		4			
MATH 172		4			
MATH 216		3			
MATH 273 or 301		2-3			
PHYS 201&211 [PSCI]		4			

**Computer Science Core Courses**

CPTS 302		3			
CPTS 317		3			
CPTS 322 [M]		3			
CPTS 327 <sup>(4)</sup>		3			
CPTS 350		3			
CPTS 355		3			
CPTS 360 <sup>(1)</sup>		4			
CPTS 421		3			
CPTS 423 [CAPS]		3			

**Computer Science Technical Electives \*12 Credit Minimum\*<sup>(2)</sup>**

CPTS (DIM) <sup>(3)</sup>		3			
CPTS (Software)	428 <sup>(4)</sup>	3			
CPTS (Elective)	427 <sup>(4)</sup>	3			
CPTS (Elective)		3			

**Computer Science Electives CySER Focus<sup>(5)</sup>**

CPTS		3			
CPTS		3			
CPTS,CYB,EE,MIS		3			
CPTS,CYB,EE,MIS		3			

**Foreign Language Requirement**

FOREIGN LANGUAGE <sup>(6)</sup>		4			
FOREIGN LANGUAGE <sup>(6)</sup>		4			

Required Courses	Equivalent Course	Hours	Alert	Grade	Semester
ENGL 402/403 [M][WTNG]		3			
MATH 220		2			
PHIL 201		3			
PHYS 202&212		4			
STAT 360		3			

**UCORE Courses**

[ARTS]		3			
[BSCI] w/ Lab		4			
[HUM]		3			
[SSCI] <sup>(8)</sup>		3			
HIST 105 [ROOTS]		3			
[DIVR]		3			

**CySER Required Experiences<sup>(7)</sup>**

Summer Workshop					
Cybersecurity Internship					
Cybersecurity Seminar					
CySER Competition					

Writing Portfolio     Graduation Application     Exit Interview

**Footnotes**

- (1) Students in the CySER program must follow the C/C++ programming path(CPTS 121, 122, 223, 360).
- (2) Students in the CySER program satisfy their Technical Electives and Free Electives as part of the CySER course structure.
- (3) Students are required to complete one Data Information Management (DIM) course either CptS 415 or 475.
- (4) Required courses for CySER Fundamentals include: CptS 327, 427, 428.
- (5) Additional CySER Elective Courses include: CptS 415, 443, 455, 460, 464, 466, 475, 478, EE334, 434, 489, MIS 374, CyB 447 (UofI). Two(2) of which must be CptS prefix for BSCS.
- (6) One to two(1-2) semesters of Foreign Language in: Russian, Chinese, Korean, Arabic, or Persian. Two(2) semesters recommended. One(1) semester recommended for ROTC students.
- (7) Two week Summer Workshop, Cybersecurity Internship, and Cybersecurity Seminar are required, CySER Competition is recommended.
- (8) ECONS 102 recommended.

STANDARD			
FIRST YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
CPT S 121	4	CPT S 122	4
ENGLISH 101 [WRTG]	3	HISTORY 105 [ROOT]	3
MATH 171 [QUAN]	4	MATH 172	4
PHIL 201	3	MATH 216	3
Foreign Language 1	4	Foreign Language 2	4
Total Credits	18	Total Credits	18
		<i>Summer Workshop</i>	
SECOND YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
CPT S 223	3	CPT S 317	3
CPT S 260	3	CPT S 322 [M]	3
MATH 220	2	CPT S 355	3
MATH 273	2	Social Sciences [SSCI]	3
PHYSICS 201 & 211 [PSCI]	4	PHYSICS 202 & 212	4
Total Credits	14	Total Credits	16
		<i>Complete Cybersecurity Seminars</i>	
THIRD YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
CPT S 302	3	CPT S 427	3
CPT S 327	3	CPT S 428	3
CPT S 350	3	CPT S 415/475	3
CPT S 360	4	CySER Option Course	3
ENGLISH 402 [WRTG] [M]	3	STAT 360	3
Total Credits	16	Total Credits	15
<i>Complete Writing Portfolio</i>		<i>Summer Cybersecurity Internship</i>	
FOURTH YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
Arts [ARTS]	3	Biological Sciences [BSCI] w/ Lab	4
CPT S 421	3	CPT S 423 [CAPS]	3
Diversity [DIVR]	3	CySER Option Course	3
CySER Option Course	3	CySER Option Course	3
CySER Option Course	3	Humanities [HUM]	3
Total Credits	15	Total Credits	16
<i>Apply for Graduation</i>		<i>EECS Exit Interview and Survey</i>	

ARMY/AIR FORCE ROTC			
FIRST YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
AERO 101/MILSCI 101	1-2	AERO 101/MILSCI 101	1-2
AERO 103*	2	AERO 103*	2
CPT S 121	4	CPT S 122	4
MATH 171 [QUAN]	4	MATH 172	4
ENGLISH 101 [WRTG]	3	HISTORY 105 [ROOT]	3
PHIL 201	3	MATH 216	3
Total Credits	16-17	Total Credits	16-17
		<i>Summer Workshop</i>	
SECOND YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
AERO 201/MILSCI 201	1-2	AERO 202/MILSCI 202	1-2
AERO 203*	2	AERO 203*	2
CPT S 223	3	CPT S 317	3
CPT S 260	3	CPT S 322 [M]	3
MATH 220	2	CPT S 355	3
MATH 273	2	PHYSICS 202 & 212	4
PHYSICS 201 & 211 [PSCI]	4		
Total Credits	16-17	Total Credits	15-16
		<i>Military Training Program</i>	
THIRD YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
AERO 311/MILSCI 301	3	AERO 312/MILSCI 302	3
AERO 313*	2	AERO 313*	2
CPT S 302	3	Biological Sciences [BSCI] w/ Lab	4
CPT S 350	3	CPT S 327	3
CPT S 360	4	CPT S 415/475	3
ENGLISH 402 [WRTG] [M]	3	STAT 360	3
Total Credits	16-18	Total Credits	16-18
<i>Complete Writing Portfolio</i>		<i>Complete Cybersecurity Seminars</i>	
FOURTH YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
AERO 411/MILSCI 401	3	AERO 412/MILSCI 402	3
AERO 413*	2	AERO 413*	2
CPT S 427	3	CPT S 421	3
CPT S 428	3	CySER Option Course	3
CySER Option Course	3	Foreign Language 1	4
Diversity [DIVR]	3	Social Sciences [SSCI]	3
Total Credits	15-17	Total Credits	16-18
		<i>Apply for Graduation</i>	
		<i>Summer Cybersecurity Internship</i>	
FIFTH YEAR			
<u>First Term</u>	<u>Hours</u>	<u>Second Term</u>	<u>Hours</u>
Arts [ARTS]	3		
CPT S 423 [CAPS]	3		
CySER Option Course	3		
CySER Option Course	3		
CySER Option Course	3		
Humanities [HUM]	3		
Total Credits	18		
<i>EECS Exit Interview and Survey</i>			

\*Only applies to AFROTC Cadets