University of the Incarnate Word
SCHOOL OF MEDIA & DESIGN
Unofficial Degree Plan

Degree: **Bachelor of Science**   Major: **Cyber Security Systems (CSEC)**

Name: _____   Student ID: _____   Date: _____

Advisor: _____   Evaluator: _____   Catalog:_____

Bachelor's degree institutional requirements: A minimum of 122 hours required for graduation to include: 45 hours of residency, 36 advanced hours (junior/community college courses will not satisfy), 36 of the last 45 hours must be from UIW, 45 clock hours community service.

University Core Curriculum	Credit Hours	Earned	Grade
ENGL 1311 Composition I	3		
ENGL 1312 Composition II	3		
DWHP 1200 (3200 Transfer)	2		
PE Activity Course	1		
3 hrs from RELS 1305, 1315, 1325, 1335	3		
PHIL 1381 Introduction to Philosophy	3		
PHIL 3312 Logic	3		
ENGL 2310 World Literature Studies	3		
3 hrs Fine Arts	3		
MATH 2303 Probability & Statistics	3		
4 hrs. Natural Science	4		
3 hrs HIST 1311, 1312, 1321, 1322	3		
3 hrs Social Science	3		
	3		
	3		
Community Service Requirement	(45)		
TOTAL UNIVERSITY COURE CURRICULUM HOURS	43		

Program Curriculum		Credit Hours	Earned	Grade
CIS 1100	Orientation	1		
CIS 23XX	Scripting Languages	3		
CIS 2328	Hardware & Systems Software	3		
CIS 2330	Programming Languages I	3		
CIS 2335	Computer Networks	3		
CIS 2340	Intro to Operating Systems	3		
CIS 2350	UNIX/Linux Operating Systems	3		
CIS 2368	Website Development I	3		
CIS 3310	Database Management	3		
CIS 3325	Linux Networking	3		
CIS 33XX	Computer Systems Security	3		
CIS 3335	Cryptography	3		
CIS 3340	Client-Server Networks	3		
CIS 3345	Digital Forensics	3		
CIS 33XX	Intrusion Detection Systems	3		
CIS 3362	Systems Analysis & Design	3		
CIS 3367	Networks and Telecommunication	3		
CIS 4355	Cloud Computing	3		
CIS 4370	Network Penetration Testing	3		
CSEC 2300	Foundations of Cyber Security	3		
CSEC 33XX	Cyber Systems & Components	3		
CSEC 3319	Internship in CSEC	3		
CSEC 3320	Network Sec Management	3		
CSEC 3370	Law & Ethics in Cyber Security	3		
CSEC 4320	Risk Management and Policy	3		
CSEC 43XX	Malware Analysis	3		
CSEC 4390	Practicum	3		

Grade of C or better required in ENGL 1311, 1312 and all courses for the major/minor/concentration/specialization.

University Core	43
Program Core	79
	Total 122 Credits