EAST/WEST UNIVERSITY

BS in Computer and Information Science (Cyber Security Specialist)

Student Name

General Education Core (64 Credits)

English and Communications (20 Credits)

EN151	Rhetoric and Styles	4	
EN152	Writing from Sources	4	
EN157	Practical Research Writing	4	
EN166	Speech	4	
HM491	Senior Seminar	4	
		20	

Mathematics and Science (20 Credits)

MT153	General Education Math	4	
MT155	Intermediate Algebra	4	
MT158	College Algebra	4	
*		4	
*		4	
		20	

*One course from BL, CH, ET, or PH

Behavioral Sciences and Humanities (20 Credits)

HM279	East-West Signature Course	4	
*		4	
*		4	
*		4	
*		4	
		20	

* one course from EN, HS, HM, IS, PL, PS, SC, or SP

Computer and Information Science (4 Credits)

CI101	Computer Technology and Application	4	
		4	

CIS Major Area Courses (96 Credits)

Core Courses (52 credits)

CI215/CI216/CI221	JAVA I/ C# I/ PYTHON I	4	
CI215/CI216/CI221	JAVA I/ C# I/ PYTHON I	4	
CI245/CI246/CI251	JAVA II/ C# II/ PYTHON II	4	
CI245/CI246/CI251	JAVA II/ C# II/ PYTHON II	4	
CI256	HTML5	4	
CI275	Computer Organization and Architecture	4	
CI301	Data Communications	4	
CI310	Principles of Database	4	
CI321	Computer Operating Systems	4	
CI354	SQL Server Database Programming	4	
CI355	Data Warehousing	4	
CI358	Data Warehousing & Business Intelligence I	4	
CI492	Senior Project	4	
		52	

Cognate or Supporting Courses (12 Credits)

BS101	Introduction To Business	4	
MT160	Elementary Plane Trigonometry	4	
MT201	Calculus I	4	
		12	

Specialist Courses (32 Credits)

CI220	Cyber Ethics	4	
CI307	Cyber Security	4	
CI309	Forensics and Incident Response	4	
CI425	Cloud Computing	4	
CI433	Cryptography	4	
CI434	Network Security	4	
*		4	
*		4	

* Select from CI421, CI431, Ci432 or specialist sections   32

Elective Courses (20 Credits)

*		4	
*		4	
		4	
		4	
		4	

*8 credit hours should be at the 300 or 400 level   20

Total Credits: **180**