



Southern University Department of Computer Science
Bachelor of Science in Computer Science
2018-2020 Balance Sheet

STUDENT NAME _____

ADVISOR _____

CONCENTRATION: Cybersecurity ____ Information Systems ____ Scientific ____ Mobile ____

COURSE TITLE	CS NO	HR	GR	SEM	YR
COMPUTER SCIENCE CORE COURSES (47 HRS)					
CMPS Seminar I	110B	1			
CMPS Seminar II	111B	1			
Prog. Tech. And Alg. Dev. I	190B	3			
Prog. Tech. And Alg. Dev. II	191B	3			
Discrete Structures	200B	3			
Data Structures	201B	3			
Java Programming	271B	3			
Program Languages	300B	3			
Computer Organization	302B	3			
Social Networking	305B	3			
Digital Data Networks	334B	3			
Information Security	375B	3			
Software Engineering	378B	3			
Operating Systems	400B	3			
Paralell and Distr. Proc.	445B	3			
Database Mgmt Systems	420B	3			
Capstone project I	450B	1			
Capstone project II	451B	2			
CYBERSECURITY (18 HRS)					
Cyber Forensics	355B	3			
Computers, Info. and Society	365B	3			
Legal Issues in Info Tech	385B	3			
Network Security	426B	3			
Disaster Recovery	485B	3			
CS Elective		3			
INFORMATION SYSTEMS (18 HRS)					
Systems Analysis and Design	415B	3			
Principles of Management	300B	3			
Quant. Analysis in Bus	306B	3			
BUS Elec I- (312, 341, 410)		3			
BUS Elec II-(441, 445, 446)		3			
CS Elective		3			
DATA ANALYTIC & SCIENCES (18 HRS)					
Scientific Programming	360B	3			
Cloud Computing	372B	3			
Computer Architecture	402B	3			
Theory of Computing	412B	3			
Introduction to Big Data	422B	3			
CS Elective		3			
MOBILE/APP DEVELOPMENT (18 HRS)					
Web-Based Programming	350B	3			
Cloud Computing	372B	3			
Mobile Client Development	393B	3			
Mobile Deployment	394B	3			
CS Elective I		3			
CS Elective II		3			

COURSE TITLE	CS NO	HR	GR	SEM	YR
SCIENCE (8 HRS)					
BIOL(104 or 105)/SBIO(101B or 102B)		3			
BIOL Lab(106 or 107)/SBIO(101LB or 102LB)		1			
General Physics I Lec (PHYS 221B/SPHY 213B)		3			
General Physics I Lab (PHYS 223B/SPHY 213LB)		1			
MATHEMATICS (14 HRS)					
Linear Algebra	233B	3			
Anal. Geom & Cal I (MATH 264B/SMAT 211B)		4			
Anal Geom & Cal II (MATH 265B/SMAT 212B)		4			
Statistics	276B	3			
UNIVERSITY REQUIREMENTS (6 HRS)					
African American Studies (ENGL 203B/SENL 240B)		3			
(Will meet with Eng Lit 203)	Eng				
Volunteerism	400B	3			
Writing Proficiency	001B	0			
Department Comprehensive	000B	0			
ENGLISH (9 HRS)					
English Composition I (ENGL 110B/SENL 101B)		3			
English Composition II (ENGL 111B/SENL 102B)		3			
English Literature(ENGL 203B/SENL 240B)		3			
SOCIAL SCIENCES (6 HRS)					
Economics (ECON 200 or 205/SECO 221B or 211B)		3			
		3			
HUMANITIES (9 HRS)					
History I (HIST 114B/SHIS 111B)		3			
History II (HIST 115B/SHIS 112B)		3			
		3			
ARTS ELECTIVES (3 HRS)					
		3			
FOREIGN LANGUAGES (6 HRS)					
		3			
		3			
HEALTH or PHYSICAL EDUCATION (2 HRS)					
Health	110B	2			
OR					
Physical Activity I		1			
Physical Activity II		1			
OTHER ELECTIVES OR TRANSFER CREDITS					
English 203 will satisfy both requirements for African American Studies and English Literature. Foreign Languages must be in sequence (e.g. 100 and 101) of the same languages. Computer Science Elective(s): Check with advisor for list. Note: This Balance Sheet supersedes the 2018-2020 University Catalog					

Approved _____ Date _____
 Chair, Computer Science

Approved _____ Date _____
 Dean, College of Sciences & Engineering