

B.S. Computer Science (EVEN Start Year)

2022-23 Sample Course Schedule - This is a recommended schedule and may be altered as needed. Consult your advisor when making changes.
See degree audit for Christian Service requirements.

FALL

FIRST YEAR (FALL EVEN)

CPTR 108	#EssenceofComputing	3
ENGL 101	Critical Think in Ac Rdg & Wrtg I (IN-2)	3
MATH 120	Precalculus Algebra	3
NOND 101	Southern Connections (IN-1)	1
COMM 135	Comm. & Public Speaking (IN-3)	3
	RELB 125 or RELT 177 (R-1)	<u>3</u>
		16

SECOND YEAR (FALL ODD)

CPTR 215	Fundamentals of Software Design	4
MATH 191	Calculus I	4
MATH 215	Statistics (IN-4)	3
	Natural Science w/lab ¹ (IN-7)	4
	Physical Activity (P-1-b)	<u>1</u>
		16

THIRD YEAR (FALL EVEN)

CPTR 328	Principles of Networking	3
CPTR 318	Data Structures & Algorithms	3
CPTR 386	Technical Writing in Computing (W)	1
	U.D. Biblical Studies (R-3)	3
	*Electives	3
	U.D. History (IN-6)	<u>3</u>
		16

FOURTH YEAR (FALL ODD)

CPTR 486	Senior Seminar (W)	2
CPTR 333	Comp. Arch. & Design (<u>ODD, Fall</u>)	4
PEAC 425	Fit for Hire (P-1-c)	1
	U.D. CPHE/CPTR Elective	3
	***U.D. Electives	3
	U.D. History (IN-6)	<u>3</u>
		16

¹BIOL 151, 152; CHEM 151, 152; PHYS 211-214, 221-224

WINTER

(WINTER ODD)

CPTR 124	Fund of Programming	4
ENGL 102	Critical Think in Ac Rdg & Wrtg II (IN-2)	3
MATH 121	Precalculus Trigonometry	2
PEAC 125	Fitness for Collegiate Life (P-1-a)	1
	RELT 138, 225 or 255 (R-2)	3
	Stewardship, Econ., & Bus. Basics (IN-9)	<u>3</u>
		16

(WINTER EVEN)

CPTR 319	Database Management Systems	3
MATH 280	Discrete Math Structures	3
MATH 192	Calculus II	4
	Natural Science w/lab ¹	<u>4</u>
		14

(WINTER ODD)

CPTR 365	Operating Systems	3
CPTR 427	Network Security	3
MATH 200	Elementary Linear Algebra	2
	Physical Activity (P-1-b)	1
	**U.D. Electives	3
	U.D. CPHE/CPTR Elective	<u>3</u>
		15

(WINTER EVEN)

CPTR 488	Senior Project	2
CPTR 302	Software Development Tools	1
CPTR 405	Organ. of Prog. Lang. (<u>EVEN, Winter</u>)	3
PSYC 128	Developmental Psych (IN-8)	3
	U.D. Religion Electives (R-4)	3
	Aesthetic Analysis (IN-10)(W)	<u>3</u>
		15

TOTAL HOURS **124**

BS in CS Concentration in Security

*CPTR 254	UNIX Administration (<u>Winter</u>)	
or	or	3
*CPTR 230	Windows Administration (<u>Fall</u>)	
**CPTR 444	Advanced Network Security (<u>ODD, Fall</u>)	3
***CPTR 454	Cyber Forensics (<u>EVEN, Winter</u>)	3

BS in CS Concentration in Web Development

*CPTR 212	Web Programming (<u>Fall</u>)	3
or	or	Or
*CPTR 435	Mobile App & Dev. (<u>ODD, Fall</u>)	4
**CPTR 446	Web Services (<u>EVEN, Fall</u>)	3
***CPTR 456	Advanced Web Programming (<u>Fall</u>)	3

