

B.S. Computer Science

2025-26 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 (F25)

CPTR 108	#EssenceofComputing	3
NOND 101	Southern Connections (IN-1)	1
ENGL 101	Critical Think in Ac Rdg & Wrtg I (IN-2)	3
COMM 135/145	Comm. & Public Speaking (IN-3)	3
	Stewardship, Econ., & Bus. Basics (IN-9)	3
	RELB 125 or RELT 177 (R-1)	<u>3</u>
		16

SECOND YEAR (F26)

CPTR 215	Fundamentals of Software Design	4
MATH 191	Calculus I	4
MATH 215	Statistics (IN-4)	3
	Natural Science w/lab* (IN-7)	<u>4</u>
		15

THIRD YEAR (F27)

CPTR 328	Principles of Networking	3
CPTR 318	Data Structures & Algorithms	3
	Physical Activity (P-1-b)	1
	U.D. Biblical Studies (R-3)	3
	Concentration or U.D. Electives ^{1/3/4}	3
	Concentration or U.D. CPTR Electives ⁵	<u>3</u>
		16

FOURTH YEAR (F28)

CPTR 486	Senior Seminar (W)	2
CPTR 332	Comp. Arch. & Design	3
PEAC 425	Fit for Hire (P-1-c)	1
	U.D. Elective	4
	Concentration or U.D. Electives ^{7/8}	3
	U.D. History (IN-6)	<u>3</u>
		16

WINTER

(W26)

CPTR 124	Fund of Programming	4
ENGL 102	Critical Think in Ac Rdg & Wrtg II (IN-2)	3
MATH 125	Precalculus Algebra	4
PEAC 125	Fitness for Collegiate Life (P-1-a)	1
	RELT 138, 225 or 255 (R-2)	<u>3</u>
		15

(W27)

CPTR 319	Database Management Systems	3
MATH 280	Discrete Math Structures	3
MATH 192	Calculus II	4
	Natural Science w/lab*	4
	Physical Activity (P-1-b)	<u>1</u>
		15

(W28)

CPTR 386	Technical Writing in Computing (W)	1
CPTR 405	Organ. of Prog. Lang.** <u>(EVEN Winter)</u>	3
CPTR 427	Network Security	3
MATH 200	Elementary Linear Algebra	2
	Concentration or U.D. Electives ²	4
	Concentration or U.D. CPTR Electives ⁶	<u>3</u>
		16

(W29)

CPTR 302	Software Development Tools	1
CPTR 365	Operating Systems	3
CPTR 488	Senior Project	2
PSYC 128	Developmental Psych (IN-8)	3
	U.D. Religion Electives** (R-4)	3
	Aesthetic Analysis (IN-10)(W)	<u>3</u>
		15

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

**CPTR 405 offered in winter even years.. Alternate with U.D. R-4 Religion.

TOTAL HOURS

124

BS in CS Concentration in Security

¹ CPTR 230	Windows Administration (Fall)	3
or	or	or
² CPTR 254	UNIX Administration (Winter)	3
⁵ CPTR 444	Advanced Network Security (Fall)	3
⁷ CPTR 454	Cyber Forensics (Fall)	3

BS in CS Concentration in Web Development

³ CPTR 212	Web Programming (Fall)	3
or	or	or
⁴ CPTR 435	Mobile App & Dev. (Fall)	3
⁶ CPTR 446	Web Services (Winter)	3
⁸ CPTR 456	Advanced Web Programming (Fall)	3

