

B.S. in Computer Science / Cyber Security (CYBR) Track

Liberal Studies Requirements

Learning Skills (9 cr)	Cr Hr	Sem	Grd
ENGL 101 College Writing	3		
ENGL 202 Research Writing	3		
Mathematics (MATH 125)	3	–	–
Knowledge Areas (31-32 cr)			
Humanities (9 cr)			
History (196, 197, or 198)	3		
Literature ¹	3		
Phil/Rel Studies ²	3		
Fine Arts ³ (3 cr)			
	3		
Natural Science (7-8 cr)			
	4		
	3-4		
Dimensions of Wellness (3 cr)			
Social Science ⁴ (9 cr)			
<i>Satisfied by CRIM 101</i>	3	–	–
	3		
	3		
Liberal Studies Elective (3-9 cr)			
<i>Satisfied by Math 216</i>	3	–	–
Global and Multicultural Awareness⁵ (3 cr)			
Writing Across the Curriculum⁶ (6 cr)			
<i>Satisfied by COSC 319W</i>	3	–	–

¹ Literature: ENGL 121, 122; ARHU 122, 123; FLNG 121; MUHI 102; ENGL 225, 226

² Philosophy & Religious Studies: PHIL 100, 101, 122, 130, 223, or 240; or RLST 100, 110, 120

³ ARHI 101, DANC 102, FIAR 101, MUHI 101, THTR 101, 161

⁴ ANTH 110*, 211*, 213*; CRIM 101; ECON 101, 121; GEOG 101, 102, 104*; JRNL 105; PLSC 101*, 111; PSYC 101; RGPL 103*; SOC 151, 161*, 231 (Note: * also satisfy GMA)

⁵ May be Satisfied by Social Science with * (see note 4)

⁶ Two courses with W suffix

⁷ Must take COSC 473 or complete 6 cr of COSC 493

⁸ Choose from COSC 220, 362, 365, IFMG 382, Upper-Level Elective (note 9), or Intermediate Level Foreign Language

⁹ Choose from COSC 410, 427, 429, 430, 454, 465, 493 (only 3 cr of first 6 cr)

¹⁰ CRIM 321, 344, 354, 374, 384, or 394

¹¹ CRIM 323, 410, 450, 470

Basic Requirements for Computer Science

Computer Science Core (24 cr)	Cr Hr	Sem	Grd
COSC 105 Fundamentals of CS	3		
COSC 110 Problem Solving	3		
COSC 210 Object-Oriented	3		
COSC 300 Comp Org & Asmby	3		
COSC 310 Data Structures	3		
COSC 319W Software Engr	3		
COSC 341 Database Mgmt	3		
COSC 380 Seminar Comp Prof	2		
COSC 480 Technical Topics	1		
Mathematics (9 cr)			
MATH 125 Calculus I	3		
MATH 216 Probability /Stats	3		
MATH 309 Discrete Math	3		

Information Assurance Track

Required Courses (20 cr)			
COSC 216 Host Comp Security	3		
COSC 345 Computer Networks	3		
COSC 356 Network Security	3		
COSC 432 Operating Systems	3		
COSC 473 or 493 Practicum ⁷	3		
Controlled Electives (6 cr)⁸			
Upper Level Electives (3 cr)⁹			

Criminology Minor (18 cr)

CRIM 101 Crime & Justice Sys	3		
CRIM 102 Survey Criminology	3		
CRIM 401 Issues in Criminology	3		
CRIM 403 Dilemmas in Crim	3		
Group B: Critical Issues ¹⁰	3		
Group C: Diversity Issues ¹¹	3		

Electives (9-10 cr)

Credit Summary (120 cr minimum)

Cr to Date	In Progress	Cr Planned	Total Cr