

Computer Science B.S.
STENDER SCHOOL OF LEADERSHIP, BUSINESS
AND PROFESSIONAL STUDIES
Beginning Fall 2024

YEAR	FALL SEMESTER	SPRING SEMESTER	VERITAS REQUIREMENTS
FRESHMAN	DGN 1101 The Responsible Self 4 cr. ENG 1110 First Year Composition 4 cr. Veritas Course 4 cr. CIS 1001 Computer Science Principles 4 cr.	DGN 1102 And Dignity for All 4 cr. CME 1101 Interpersonal Communication 2 cr. Veritas Course 4 cr. CIS 2011 Computer Architectures 4 cr. SBT 2000 Career Exploration & Planning 2 cr.	Foundations Foundations courses need not all be completed in a student's first year. 1) DGN 1101 or HON 1111 (4 cr.) 2) DGN 1102 or HON 1112 (4 cr.) 3) CME 1101 Interpersonal Communication (2 cr.) 4) ENG 1110 First Year Composition (4 cr.) 5) World Language+ 6) Math (Met by CIS 1001 4 cr.) + The language requirement can be met by having completed three years of one language in high school, completing the 1112 in a language sequence, demonstrating equivalent proficiency at the same course levels through a placement exam, or being bilingual. Conceptions & Integrations Students must complete 4 credits in each of the 7 disciplinary pathways plus 4 more credits in any pathway(s). 16 credits must be from Conceptions courses; 8 credits must be from Integrations courses. 1) Social Sciences 2) History 3) Literature 4) Fine Arts 5) Religious Studies 6) Philosophy 7) Science (Met by CIS 3115 – Integration Level) 8) Elective (Met by ENG 3364/MGT 3150 – Integration Level) To graduate from The College of St. Scholastica, students must complete a total of 120 credits of which 40 need to be upper division credits and the last 30 credits must be earned through St. Scholastica. Upper division credits are those numbered 3000 or greater and cannot include graduate level credits. ¹ Course can be taken fall or spring semester.
SOPHOMORE	Veritas Course 4 cr. CIS 3107 Database Modeling 4 cr. CIS 2085 Programming I with Java 4 cr. Math Elective 4 cr.	Veritas Course 4 cr. CIS 2087 Programming II with Java 4 cr. CIS 4041 Web Design 4 cr. Math Elective 4 cr.	
JUNIOR	Veritas Course 4 cr. CIS 3089 Data Structures (Even Falls) 4 cr. or CIS 3334 Mobile Device Prog. (Odd Falls) CIS 3285 Software Design (Even Falls) 4 cr. or CIS 4200 Full-Stack Web Dev. (Odd Falls) MGT 3150 / ENG 3364 Management Comm. 4cr.	Veritas Course 4 cr. CIS 3108 Systems Analysis & Design 4 cr. CIS 4108 Project Management 2 cr. CIS 4042 Computer Security 2 cr. CIS 3230 Game Design (Even Springs) 4 cr. or CIS 3777 CS Topics (Odd Springs)	
SENIOR	Veritas Course 4 cr. CIS 4109 Capstone Project 4 cr. CIS 3089 Data Structures (Even Falls) 4 cr. or CIS 3334 Mobile Device Prog. (Odd Falls) CIS 3285 Software Design (Even Falls) 4 cr. or CIS 4200 Full-Stack Web Dev. (Odd Falls) CIS 4555 Internship 1 cr (or during summer)	Veritas Course 4 cr. CIS 3230 Game Design (Even Springs) 4 cr. or CIS 4777 CS Topics (Odd Springs) CIS 3115 Machine Learning 4 cr.	