**MVNU Computer Science Major (BS)**

**Sample 4-Year Course Plan**

# Fall 2024 Spring 2025

CSC-1024: Computer Science I with lab (4) CSC-2024: Computer Science II with lab (4)

Gen ENG-1083: College Writing (3) CSC-1053: Elementary Discrete Math (3)

Gen COR-1012: Discipleship of Christian Mind (2) Gen HIS-1013: Western Tradition (3)

MAT-1013: Trigonometry/Precalculus *(if required)* Gen COR-2003:Exploring Vocation I (3)

Gen BIB-1023: Narrative of Scripture (3) Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Fall 2025 Spring 2026

CSC-2033: Data Structures & Alg Design (3) CSC-3004: Software Development (4)

CSC-3063: Computer Networking Survey (3) MAT-2034: Calc 2 or 3034 (Multivariate) (4)

MAT-2063: Statistics (3)

MAT-1034: Calculus 1 (4)

Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gen COR-3001: Exploring Vocation II (1)

Elec: CSC-3101 Advanced Problem Solving (1) Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Summer 2026

CSC-5029 Internship recommended (0-4, optional credit)

# Fall 2026 Spring 2027

CSC-3054: Computer Architecture (4) CSC-3044: Operating Systems (4)

CSC-3083: Technology & Society (3) CSC-4003: Computer & Info, Security (3)

MAT-3043: Differential Equations (3)

Gen THE-3003 Christian Beliefs (3) Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Elec: CSC-3101 Advanced Problem Solving (1) Elec: CSC-3003 Web Application Dev.

# Summer 2027

CSC-5029 Internship recommended (0-4, optional credit)

# Fall 2027 Spring 2028

CSC-3074: Database Management Systems (4) CSC-3024: Software & Systems Engineering (4)

CSC-4081: Computer Applications Practicum (1) CSC-4023: Programming Languages Survey (3)

MAT-3023 Advanced Discrete Math (3) CSC-4082: Computer Application Practicum (2)

MAT-3013 Linear Algebra (3)

Gen COR-5013: Contemporary Concerns (3) Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Elec: CSC-3101 Advanced Problem Solving (1) Gen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_