

Software & Systems¹ Pathway Sample Schedule (AY 2021-2022)

This schedule assumes that students have completed all general education course requirements and pre-professional course requirements. This is only a sample document and students must modify it to meet their needs of required courses, course loads, and course offerings for specific semesters.

| Fall | Spring | Summer | Fall | Spring | Summer |
|------------------|------------------------------|--------------------|---------------|---------------------------|---------------------------|
| CS 309 & CS 309L | NETWORKING & SECURITY COURSE | CS 340 | CS 414 | CS 415 | UPPER LEVEL MATH ELECTIVE |
| UNV 300 | CS 318 | CS 372 | CS 417 | CS 472 | UNV 400 |
| CS 317 | MA 331 | ITE 327 & ITE 327L | MA 310 | CS 452 | CS 310 |
| MA 308 | SOFTWARE & SYSTEMS COURSE | ITE 305 & ITE 306 | CS 451 | UPPER LEVEL MATH ELECTIVE | COMPUTING THEORY COURSE |
| 13 CREDIT HRS | 12 CREDIT HRS | 13 CREDIT HRS | 13 CREDIT HRS | 12 CREDIT HRS | 8 CREDIT HRS |

| Spring | Summer | Fall | Spring | Summer | Fall |
|------------------|-------------------------|------------------------------|---------------|---------------------------|---------------|
| CS 309 & CS 309L | ITE 305 & ITE 306 | ITE 327 & ITE 327L | CS 415 | COMPUTING THEORY COURSE | CS 452 |
| UNV 300 | CS 318 | CS 372 | CS 472 | CS 451 | UNV 400 |
| CS 317 | MA 310 | UPPER LEVEL MATH ELECTIVE | MA 331 | UPPER LEVEL MATH ELECTIVE | CS 414 |
| MA 308 | SOFTWARE SYSTEMS COURSE | NETWORKING & SECURITY COURSE | CS 340 | | CS 417 |
| | | | CS 310 | | |
| 13 CREDIT HRS | 13 CREDIT HRS | 13 CREDIT HRS | 13 CREDIT HRS | 9 CREDIT HRS | 10 CREDIT HRS |

| Summer | Fall | Spring | Summer | Fall | Spring |
|-------------------|--------------------|---------------------------|-------------------------|------------------------------|---------------|
| UNV 300 | CS 309 & CS 309L | CS 340 | COMPUTING THEORY COURSE | CS 414 | CS 452 |
| ITE 305 & ITE 306 | CS 318 | CS 372 | MA 331 | CS 417 | UNV 400 |
| CS 317 | MA 310 | UPPER LEVEL MATH ELECTIVE | CS 310 | NETWORKING & SECURITY COURSE | CS 415 |
| MA 308 | ITE 327 & ITE 327L | SOFTWARE SYSTEMS COURSE | CS 451 | UPPER LEVEL MATH ELECTIVE | CS 472 |
| 13 CREDIT HRS | 14 CREDIT HRS | 12 CREDIT HRS | 10 CREDIT HRS | 12 CREDIT HRS | 10 CREDIT HRS |

¹ Faculty strongly encourage students to take MA 321 Differential Equations as one of their Upper Level Math Electives and declare a minor in mathematics.