

UHV/WCJC 2+2 Transfer Plan

School of Arts & Sciences



2013-2014

PROGRAM/PLAN Bachelor of Science - Computer Science

SUB PLAN _____

University minimum requirements 120 hours.

Total of 54 hours must be upper division level, 30 of the last 36 upper division semester hours must be completed at UHV.

| WCJC Core Courses | | Hrs. Req | UH-Victoria Upper Division Courses | | Hrs. Req |
|---|--|-----------|--|-----------------------------|------------|
| CORE CURRICULUM | English Composition: ENGL 1301 and 1302 | 6 | ENGL 3430 Professional Writing | | 4 |
| | Speech: SPCH 1315 | 3 | COSC 3317 Object Oriented Program & Design | | 3 |
| | Mathematics: Math 2413 | 4 | COSC 3331 Data Structures & Algorithms I | | 3 |
| | Natural Sciences: PHYS 2425 and 2426 | 8 | COSC 3333 Data Structures & Algorithms II | | 3 |
| | Humanities | 3 | COSC 4339 Telecommunications & Networks | | 3 |
| | Visual/Performing Arts | 3 | MATH 3362 Discrete Structures | | 3 |
| | US History: HIST 1301 and 1302 | 6 | COSC 4350 Information Security, Privacy & Ethics | | 3 |
| | Political Science: GOVT 2305 and 2306 | 6 | COSC 4320 Software Engineering | | 3 |
| | Social/Behavioral Science | 3 | COSC 4336 Database Design | | 3 |
| | | | | COSC 4337 Operating Systems | |
| Additional LD Courses | | | COSC 3332 Computer Organization & Architecture | | 3 |
| | COSC 1436 Programming Fundamentals 1 | 4 | COSC 4331 Structure of Programming Language | | 3 |
| | COSC 1437 Programming Fundamentals 2 | 4 | MATH 3391 Probability & Statistics | | 3 |
| | COSC 2436 Programming Fundamentals 3 | 4 | 9 hours of UD COSC, GMNG, or MATH (excluding COSC 3325 & 4305) | | 9 |
| | COSC 2425 Computer Organization & Machine Lang. | 4 | 9 Hours of Upper Division Electives | | 9 |
| | MATH 2414 Calculus 2 | 4 | | | |
| Total Lower Division Requirements | | 62 | Total Upper Division Requirements | | 58 |
| Total Hours Required for Bachelor's Degree | | | | | 120 |

NOTES:

LD =Lower Division (Community College-Level: Freshman, 1000-level /Sophomore, 2
 UD =Upper Division (University-Level: Junior, 3000-level /Senior, 4000-level)