



SCC Associate of Science in Computer Science (CS.S.AS) to UD Bachelor of Science in Computer Science (BS-CPS)

Courses to be taken at Sinclair College to attain the Associate of Science Degree in Computer Science:

| Course | Credit Hours | Other Institution | Credit Hours |
|---|--------------|--|--------------|
| ANT 150, ECO 203, ECO 204, POL 201, POL 202, PSY 101, SOC 101, SOC 204 | 6 | Choose two courses from: SOC 1145, ECO 2180, ECO 2160, PLS 1120, PLS 2200, PSY 1100, SOC 1101, SOC 2205 | 6 |
| BIO 151 + BIO 151L + BIO 152 + BIO 152L or CHM 123 + CHM 123L + CHM 124 + CHM 124L or GEO 115 + GEO 115L + GEO 116 + GEO 116L or PHY 206 + PHY 210L + PHY 207 + PHY211L | 8-10 | Select Two Courses from One Natural Sciences Group: BIO 1171 + BIO 1272 or CHE 1211 +CHE 1221 or GLG 1101 + GLG 1201 + additional 1 credit OT36 science elective for GEO only or PHY 2201 + PHY 2202 | 8-10 |
| CPS 149 | 3 | CIS 1111 | 3 |



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| Course | Credit Hours | Other Institution | Credit Hours |
|--------------------|---------------------|--------------------------|---------------------|
| CPS 150 | 3 | CIS 2212 | 3 |
| CPS 151 | 4 | CIS 2217 | 4 |
| CPS 2XX or EGR 270 | 3 | CIS 2207 or CIS 2266 | 3 |
| CMM 351 | 3 | COM 2211 | 3 |
| ENG 100 | 3 | ENG 1101 | 3 |
| HST 1HC | 3 | HIS 1112 | 3 |
| MTH 168 + TRN XTR1 | 5 | MAT 2270 | 5 |
| MTH 169 + TRN XTR1 | 5 | MAT 2280 | 5 |
| MTH 218 | 5 | MAT 2290 | 5 |
| MTH 301 or MTH 367 | 3 | MAT 2320 or MAT 2600 | 3 |



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| Course | Credit Hours | Other Institution | Credit Hours |
|--|--------------|---|--------------|
| PHL 103 or PHL 1HC and REL 103 or REL 1HC | 6 | PHI 2205 OR PHI 2206 and REL 1111 or REL 1112 or REL 2204 or REL 2255 | 6 |

Remaining Courses to Be Completed at the University of Dayton to attain the Bachelor of Science in Computer Science for BS in Computer Science

Sample Plan of Study

| Third Year | | | |
|-------------------|-----------|---------------------------|-----------|
| FALL | Hours | SPRING | Hours |
| CPS 250 | 3 | CPS 352 | 3 |
| CPS 341 | 3 | CPS 356 | 3 |
| CPS 350 | 3 | ENG 200 | 3 |
| MTH 301 or 367 | 3 | PHL 312, 316, 319, or 321 | 3 |
| Science elective | 3 | CPS Elective | 3 |
| | 15 | | 15 |



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| Fourth Year | | | |
|-------------------------------|--------------|---|--------------|
| FALL | Hours | SPRING | Hours |
| CPS 450 | 3 | CPS 491 | 3 |
| CPS 470 | 3 | CPS Elective | 6 |
| CPS 490 | 3 | CAP Arts Course | 3 |
| CPS Elective | 3 | CAP Diversity and Social Justice Course | 3 |
| Science elective | 3 | | |
| | 15 | | 15 |
| Total credit hours: 60 | | | |

The above is a **sample curriculum guide**. Review your DegreeWorks audit with your UD academic advisor to fully understand the remaining degree requirements and specific course options.