



BACHELOR of SCIENCE in COMPUTER SCIENCE (#629)
Any Minor Option
 Department of Computer Science
 Ogden College of Science and Engineering
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

SAMPLE - 4 year plan

| FIRST YEAR | Fall Semester | | Spring Semester | |
|------------------------------------|--|-----------------------------|--------------------------------|------------------------------|
| | <i>Visit The Learning Center for free tutoring</i> | CS 180 – Computer Science I | 4 | CS 181 – Computer Science II |
| Free Elective | | 3 | MATH 136 – Calculus I | 4 |
| PHIL 215 – Elementary Logic | | 3 | General Education Course A-III | 3 |
| ENG 100 – Intro to College Writing | | 3 | General Education Course A-II | 3 |
| General Education F | | 1 | General Education F | 1 |
| | | | | |
| TOTAL CREDIT HOURS | | 14 | TOTAL CREDIT HOURS | 15 |

| SECOND YEAR | Fall Semester | | Spring Semester | |
|-------------------------------|--|---------------------------------|--|---|
| | <i>Volunteer or Join a Student Organization like Green Toppers</i> | CS 360 – Software Engineering I | 3 | CS 251 – Introduction to Database Systems |
| CS 280 – Computer Science III | | 3 | STAT 301 – Introductory Probability and Applied Statistics | 3 |
| CS Elective (200 Level) | | 3 | CS 325 – Computer Organization and Architecture | 3 |
| General Education Course D-I | | 3 | General Education Course D-I | 3 |
| Minor Course | | 3 | ENG 307 – Technical Writing | 3 |
| TOTAL CREDIT HOURS | | 15 | TOTAL CREDIT HOURS | 15 |

| SUMMER TERM | Summer Term | |
|------------------------------------|---------------------------|--|
| <i>Attend a WKU baseball game!</i> | | |
| | TOTAL CREDIT HOURS | |

| WINTER TERM | Winter Term | |
|--|---------------------------|--|
| <i>Why not Study Abroad?</i> | | |
| | TOTAL CREDIT HOURS | |

| THIRD YEAR <i>Visit Career Services</i> | Fall Semester | | Spring Semester | |
|--|--|-----------|--------------------------------------|-----------|
| | General Education Course E | 3 | ENG 300 – Writing in the Disciplines | 3 |
| | CS 396 – Intermediate Software Project | 3 | Minor Course | 3 |
| | Minor Course | 3 | CS 382 – Programming Languages | 3 |
| | CS Elective (300 Level) | 3 | General Education B-I | 3 |
| | General Education B-II | 3 | General Education Course C | 3 |
| | | | Free Elective | 1 |
| | TOTAL CREDIT HOURS | 15 | TOTAL CREDIT HOURS | 16 |

| FOURTH YEAR <i>Apply for Graduation</i> <i>Celebrate</i> | Fall Semester | | Spring Semester | |
|--|---|-----------|---|-----------|
| | Minor Course | 3 | CS Elective (400 Level) | 3 |
| | CS 425 – Operating Systems | 3 | Minor Course | 3 |
| | CS 380 – Data Structures and Algorithm Analysis | 3 | CS 496 – Senior Project and Professional Practice | 3 |
| | General Education Course C | 3 | Minor Course | 3 |
| | Minor Course | 3 | HIST 119 – Western Civ to 1648 OR HIST 120 – Western Civ Since 1648 | 3 |
| | TOTAL CREDIT HOURS | 15 | TOTAL CREDIT HOURS | 15 |

Total Credit Hours:120

All CS courses must be completed with a grade of ‘C’ or better
Choice of minor effects required number of credit hours. This plan assumes 24 hours, some minors may require more or fewer credit hours.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester.

For more Information:

Department: Computer Science

Website: www.wku.edu/cs

Phone: 270-745-4642

Email: cs@wku.edu

Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>