



BSCS Advising Sheet (2006-2008 Admissions)

Department of Computer Science and Information Technology

University of the District of Columbia

Student Name:

Campus ID:

Advisor Name, Office, Phone, Email:

Please fill out and bring this form to your advisor

| Year Semester | Course (Department Number, Title) | Credits | Grade | Semester | Comment |
|---|--|---------|-------|----------|---------|
| 17-cr First Semester Freshman Year | 1133 111 English Composition I | 3 | | | |
| | Natural Science Elective** | 3+1 | | | |
| | 1535 151 & 155 Calculus I Lec & Lab | 3+1 | | | |
| | 3528 110 & 111 Intro to Programming | 2+1 | | | |
| | Social Science Elective* | 3 | | | |
| 18-cr Second Semester Freshman Year | 1133 112 English Composition II | 3 | | | |
| | 1535 152 & 156 Calculus II Lec & Lab | 3+1 | | | |
| | 1539 201 & 205 Univ. Physics I Lec & Lab | 3+1 | | | |
| | 3528 231 & 233 Computer Sci I | 3+1 | | | |
| | Social Science Elective* | 3 | | | |
| 17-cr First Semester Sophomore Year | 1539 202 & 206 Univ. Physics II Lec & Lab | 3+1 | | | |
| | 1535 213 Discrete Math | 3 | | | |
| | 1535 225 Linear Algebra | 3 | | | |
| | 3529 115 Computing Foundations | 3 | | | |
| | 3529 232 & 234 Computer Science II | 3+1 | | | |

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|--|--------------------------------------|-----|--|--|--|
| 17-cr Second Semester Sophomore Year | 1133 211 Lit. & Adv. Writing I | 3 | | | |
| | 1535 253 & 255 Calculus III | 3+1 | | | |
| | 1535 381 Probability & Statistics | 3 | | | |
| | 3529 241 Data Structure | 3 | | | |
| | 3529 311 & 313 Comp. Organization | 3+1 | | | |
| SUBTOTALS | 69 Credit Hours | | | | |

| Year Semester | Course (Department Number, Title) | Credits | Grade | Semester | Comment |
|---|--|---------|-------|----------|---------|
| 16-cr First Semester Junior Year | 1133 212 Lit. & Adv. Writing II | 3 | | | |
| | CS Elective: Assembler 3529 251 & 253 | 3+1 | | | |
| | 3528 285 Professional Ethics | 3 | | | |
| | 3529 351 Computer Networks | 3 | | | |
| | 3529 325 Org. of Prog. Languages | 3 | | | |
| 15-cr Second Semester Junior Year | Fine Arts Elective*** | 3 | | | |
| | 3529 341 Software Engineering | 3 | | | |
| | 3529 410 Theory of Computing | 3 | | | |
| | 3529 412 Operating Systems | 3 | | | |
| | CS Elective+ | 3 | | | |
| 15-cr First Semester Senior Year | Philosophy Elective**** | 3 | | | |
| | 3529 415 Computer Architecture | 3 | | | |
| | 3529 434 Analysis of Algorithm | 3 | | | |
| | 1119 115 Speech | 3 | | | |
| | CS Elective+ | 3 | | | |

| | | | | | |
|---|----------------------------|-----------------|--|--|--|
| 15-cr Second Semester Senior Year | 3529 495 Senior Seminar | 1 | | | |
| | 3529 499 Senior Project | 2 | | | |
| | CS Elective+ | 3 | | | |
| | CS Elective+ | 3 | | | |
| | CS Elective+ | 3 | | | |
| | CS Elective+ | 3 | | | |
| SUBTOTALS | | 61 Credit Hours | | | |

Requirements are explained in more detail on the following page.

Advisor's Note:

Total Recommended Study: 130 Credit Hours

Minimum Credit Hour Requirement: 128 (including all transfer cases)

47 credit hour: University-wide Requirements (from 2006-2008 University Catalog):

“Note: For the purposes of graduation and honors, only college-level courses numbered 100 and above are counted in the GPA and total credits earned. University-wide Requirements are under review and are subject to change.”

“Residency: The University confers the baccalaureate degree upon students who complete the last 30 semester credit hours of study in residence at the University of the Columbia. Additionally, the student must complete the University-wide-requirements, as well as degree requirements, and attain a minimum cumulative grade point average of 2.00.”

* (Social Science Elective 6-cr hours): “Courses numbered 100 and above from Psychology, Sociology, Economics, History, Social Work, Geography, Political Science, and Urban Studies.”

** (Natural Science Elective 4-cr hours): “Students in four-year degree programs must take an additional four credit hours in either physical education, personal and community health, speech or natural science. If the student has already taken eight hours of laboratory natural science, and selects to take the additional four hours in natural science, the additional four hours selected may or may not be a laboratory science.” Courses numbered 100 and above from Physics, Chemistry, and Biology.

*** (Fine Arts Elective 3-cr hours): Courses from Music, Drama, Art, and Dance

**** (Philosophy Elective 3-cr hours): Courses from Philosophy (Logic)

61 Core and 20 or more Electives: Program Electives:

+ (CS Elective): Core (1) – Advanced (2) hour distribution is based on an average expectation); Course listed below (3529 251 & 253 are highly recommended):

| | |
|----------------|--|
| 3529 251 & 253 | Assemblers and Systems Lecture & Lab |
| 3529 254 | Intro to Computer Graphics |
| 3529 304 | Algorithmic Techniques (“Event Programming”) |
| 3529 315 | UNIX Systems Programming |
| 3529 414 | Introduction to AI |
| 3529 424 | Translation Software (inactive as of 08S) |
| 3529 452 | Database Systems Design |
| 3529 454 | Computer Graphics |
| 3529 461 | Systems Simulation |
| 3529 490 | Special Topics in CS |

Note: Course prefix numbers 3528 and 3529 represent the courses offered by the program’s host Department “CSIT – Computer Science and Information Technology”.

Advisor’s Note: