| Name: Advisor: Catalog: 2016-2017 Degree | | and Degre | ee information | on: BACHELOR OF SCIENCE IN COMPUTER SCIEN | <u>ICE</u> | |
|---|---|------------|----------------|---|------------|--------|
| Major: Computer Science Grade Credit | <u>ID:</u> | • | | <u>Update:</u> | _ | |
| Course Grade Credit Course Grade Credit Natural Sciences: | Name: | | | Advisor: | _ | |
| Natural Sciences: Exp. Lab: B.S. CORE MAT or CSC: MAT or CSC: B.S. CORE MAT or CSC: MAT | Major: Computer Science | | | Catalog: 2016-2017 | Degree | е |
| Natural Sciences: Exp. Lab: B.S. CORE MAT or CSC: MAT or CSC: B.S. CORE MAT or CSC: MAT | | • | | | _ | |
| Exp. Lab: B.S. CORE MAT or CSC: MAT or CSC: | Course | Grade | Credit | Course | Grade | Credit |
| MAT or CSC: B.S. CORE | FY/Adv. Entry Seminar: | | | Natural Sciences: | | |
| Company | 05-014/214 | | | Exp. Lab: | B.S. | CORE |
| Social Sciences: 2 courses, must be diff. depts: III. | | | | MAT or CSC: | B.S. | CORE |
| Social Sciences: 2 courses, must be diff. depts: III. | Foreign Language (4 sem.) | | | | | |
| III. | I. | | | Social Sciences: 2 courses, must be diff. depts | <u>s:</u> | |
| III. | II. | | | | | |
| Fine Arts Lecture: | III. | | | | | |
| Fine Arts Lecture: | IV. | | | | | |
| Intercultural Perspective Course: Fine Arts Performance: | | | | Fine Arts Lecture: | | |
| Intercultural Perspective Course: Fine Arts Performance: | Social Justice Course: | | | | | |
| Intercultural Perspective Course: 2 different FRAs: BIO 50-123, 50-121 BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 CHE51-163/161 | | | | | | |
| Intercultural Perspective Course: 2 different FRAs: BIO 50-123, 50-121 BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 CHE51-163/161 | | | | Fine Arts Performance: | | |
| B.S. Core: 2 different FRAs: BIO 50-123, 50-121 BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 | Intercultural Perspective Course: | | | | | |
| 2 different FRAs: BIO 50-123, 50-121 BIO 50-133, 50-131 BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 | | | | | | |
| 2 different FRAs: BIO 50-123, 50-121 BIO 50-133, 50-131 BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 | | | | B.S. Core: | | |
| BIO 50-133, 50-131 CHE51-153/151 CHE51-163/161 | 2 different FRAs: | | | | | |
| CHE51-153/151 CHE51-163/161 | | | | | | |
| CHE51-163/161 | | | | , | | |
| B.S. students need take only 7 of the 8 highlighted requirements MAT 52-154 | | | | | | |
| | B.S. students need take only 7 of the 8 highli- | ahted reau | iirements | MAT 52-154 | | |
| Humanities: 2 courses, may be same dept.: 1 from: 52-114, 52-254, or 54-184 *major specific MAJOR | | J | | | MA | JOR |
| PHYS 53-154 | | | | | 1 | T |
| PHYS 53-164 | | | | | | |

A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, more than 50% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.

COMPUTER SCIENCE MAJOR (BS)

| CSC54-184 Computer Science I CSC54-284 Computer Science II CSC54-384 Discrete Mathematics | | | | |
|---|-------|--------------|--------------|------|
| | | | | |
| CSC54-384 Discrete Mathematics | | | | |
| | | | | |
| CSC54-394 Computer Organization | | | | |
| CSC54-454 Algorithms | | | | |
| CSC54-474 Programming Languages | | | | |
| CSC54-644 Computer Systems | | | | |
| CSC54-894 Senior Seminar | | | | |
| | | | | |
| 2 courses CSC at 300 level or above (at least 3 or | 4 cre | edit courses | <u>):</u> | |
| CSC54-xxx | | | | |
| CSC54-xxx | | | | |
| | | | | |
| Required Supporting Courses: | | | | |
| MAT52-674 Linear Algebra | | | | |
| | | | | |
| Required Supporting Courses within B.S. Core | | | Paideia: | |
| | | | Cluster: | |
| Total credits w/gen ed: | | | | |
| **Minimum of 127 credits required. | | | Course 1: | |
| | | | Course 2: | |
| | | | Course 3: | |
| | | | Seminar: | |
| | | | Distinction: | |
| | | | | |