

## Computer Science - Pre MBA Concentration Bachelor of Science

NAME:

W#

|                                 | Grade | Semester | Minimum Grade of D Required:   |   | Grade | Semester | Minimum Grade of C required:  |
|---------------------------------|-------|----------|--|---|-------|----------|---|
| <b>ENGLISH (12 hrs)</b>         |       |          | <b>ENGL 101</b> Freshman Composition (3 hrs)   |   |       |          | <b>MATH 200</b> Calculus I (5 hrs)  |
|                                 |       |          | <b>ENGL 102</b> Critical Reading and Writing (3 hrs)   |   |       |          | <b>MATH 201</b> Calculus II (5 hrs)   |
|                                 |       |          | <b>ENGL 230, 231</b> <i>or</i> <b>232</b> (3 hrs)  |   |       |          | <b>MATH 380</b> <sup>1</sup> Applied Statistics with Probability (3 hrs)            |
|                                 |       |          | <b>ENGL 322</b> Intro to Prof and Technical Writing (3 hrs)  | <sup>1</sup> A minimum grade of "D" is required in MATH 380   |       |          |   |
| <b>NATURAL SCIENCE (15 hrs)</b> |       |          | <b>Science</b> Sequence <sup>1</sup> I Lecture (3 hrs)   |   |       |          | <b>CMPS 120</b> Visual Programming (3 hrs)  |
|                                 |       |          | <b>Science</b> Sequence I Lab (1 hr)   |   |       |          | <b>CMPS 161</b> Algorithm Design & Implementation I (3 hrs)                         |
|                                 |       |          | <b>Science</b> Sequence II Lecture (3 hrs)   |   |       |          | <b>CMPS 257</b> Discrete Structures or ( <b>MATH 223</b> Can be substituted)(3 hrs) |
|                                 |       |          | <b>Science</b> Sequence II Lab (1 hr)  |   |       |          | <b>CMPS 280</b> Algorithm Design & Implementation II (3 hrs)                        |
|                                 |       |          | <b>Science</b> Course Lecture (3 hrs)  |   |       |          | <b>CMPS 285</b> Software Engineering (3 hrs)  |
|                                 |       |          | <b>Science</b> Course Lab (1 hr)   |   |       |          | <b>CMPS 290</b> Computer Organization or <b>CMPS 293</b> Assembly Language (3 hrs)  |
|                                 |       |          | <b>Science</b> Course Lecture (3 hrs)  |   |       |          | <b>CMPS 375</b> Computer Architecture (3 hrs)                                       |
| <b>PreMBA (12 hrs)</b>          |       |          | <b>ACCT 200</b> Introduction to Financial Accounting (3 hrs)   |   |       |          | <b>CMPS 383</b> Information Systems (3 hrs)   |
|                                 |       |          | <b>ECON 201</b> Macroeconomics (3 hrs)   |   |       |          | <b>CMPS 390</b> Data Structures (3 hrs)   |
|                                 |       |          | <b>FIN 381</b> Business Finance (3 hrs)  |   |       |          | <b>CMPS 401</b> Survey of Programming Languages (3 hrs)                             |
|                                 |       |          | <b>MGMT 351</b> Principles of Management (3 hrs)   |   |       |          | <b>CMPS 411</b> Capstone I (3 hrs)  |
|                                 |       |          | <b>MRKT 303</b> Principles of Marketing (3 hrs)  |   |       |          | <b>CMPS 415</b> Integrated Technologies for Enterprise Systems (3 hrs)              |
|                                 |       |          | <b>BLAW 231</b> The Legal Environment of Business (3 hrs)  |   |       |          | <b>CMPS 431</b> Operating Systems(3 hrs)  |
|                                 |       |          | <b>Pre-MBA Elective</b> (3 hrs): Choose one from MRKT 314, MRKT 342, ACCT 225, MGMT 375, MGMT 473, OMIS 435. |   |       |          | <b>CMPS 439</b> Database Systems (3 hrs)  |
|                                 |       |          | <b>ART, DNCE, MUS, or THEA</b> (3 hrs)   |   |       |          | <b>CMPS 482</b> Current Trends in Computer Science (3 hrs)                          |
| <b>OTHER (14 hrs)</b>           |       |          | <b>HIST</b> Elective(3 hrs)  | Grade of "C" or better in all Computer Science courses and in Math 200 and 201.   |       |          |   |
|                                 |       |          | <b>COMM 211</b> Introduction to Public Speaking (3 hrs)  | <sup>1</sup> Choose a science sequence; including labs, from (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124), and two science electives from the same set of courses, one of which must include the corresponding lab. If a science elective is in biology, then the science sequence must be either physics or chemistry. If science sequence is in biology, then the science electives must be in physics and/or chemistry. At least one biology course must include a lab. |       |          |   |
|                                 |       |          | <b>ECON 202</b> Microeconomics (3 hrs)   |   |       |          |   |
|                                 |       |          | <b>SE 101 or Free Elective</b> (2 hrs)   |   |       |          |   |
|                                 |       |          |  | <b>SE 101</b> is not required of transfer or re-admitted Southeastern students with 30 hours or more.   |       |          |   |