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|------------------------------------|--------------|--|---------------------------------------|----------------|---|
| Department Computer Science        |              |  | Program Professional Computer Science |                |   |
| Contact Chrisila Pettey            |              | Email <a href="mailto:chrisila.pettey@mtsu.edu">chrisila.pettey@mtsu.edu</a>                         |                                       | Phone 898-2397 |   |
| <b>Freshman - Fall</b>             |              |  | <b>Freshman - Spring</b>              |                |   |
| <b>Course</b>                      | <b>Hours</b> | <b>Milestones/Notes</b>  | <b>Course</b>                         | <b>Hours</b>   | <b>Milestones/Notes</b>   |
| CSCI 1010                          | 1            | Computer Science Colloquium  | CSCI 2170                             | 4              | Computer Science II   |
| CSCI 1170                          | 4            | Computer Science I   | MATH 1920                             | 4              | Calculus II   |
| MATH 1910                          | 4            | Calculus I**   | ENGL 1020                             | 3              | Research and Argumentative Writing                                    |
| ENGL 1010                          | 3            | Expository Writing   | HIST (U.S. or TN)                     | 3              | Survey of US History I, Survey of US History II, or Tennessee History |
| HIST (U.S. or TN)                  | 3            | Survey of US History I, Survey of US History II, or Tennessee History                                |                                       |                |   |
|                                    |              |  |                                       |                |   |
| <b>SUBTOTAL</b>                    | <b>15</b>    |  | <b>SUBTOTAL</b>                       | <b>14</b>      |   |
| <b>Sophomore – Fall</b>            |              |  | <b>Sophomore - Spring</b>             |                |   |
| CSCI 3130                          | 4            | Assembly and Computer Organization   | CSCI 3240                             | 4              | Computer Systems  |
| COMM 2200                          | 3            | Fund. of Communication   | CSCI 303X                             | 3              | Programming Languages   |
| SCI (Rubric 1)                     | 4            | See catalog or upper division form   | SCI (Rubric 1, second semester)       | 4              | See catalog or upper division form                                    |
| MATH 2050                          | 3            | Probability & Statistics   | SOC/BEH (rubric 1)                    | 3              | See catalog or upper division form                                    |
| ENGL 2020, 2030, HUM 2610          | 3            | Themes in Literature and Culture, The Experience of Literature, or Foreign Literature in Translation |                                       |                |   |
|                                    |              |  |                                       |                |   |
| <b>SUBTOTAL</b>                    | <b>17</b>    |  | <b>SUBTOTAL</b>                       | <b>14</b>      |   |
| <b>Junior – Fall</b>               |              |  | <b>Junior - Spring</b>                |                |   |
| CSCI 3080                          | 3            | Discrete Structures  | CSCI 3210                             | 3              | Theory of Programming Languages.                                      |
| CSCI 3110                          | 3            | Advanced Data Structs  | CSCI UD Elective                      | 3              | See catalog   |
| SCI (rubric 2)                     | 4            | See catalog or upper division form   | PHIL 3170                             | 3              | Ethics & Computing Technology   |
| Minor course                       | 3            | See catalog  | MATH Elective                         | 4              | See catalog   |
| Minor course                       | 3            | See catalog  | <b>Minor course</b>                   | 3              | See catalog   |
|                                    |              |  |                                       |                |   |
| <b>SUBTOTAL</b>                    | <b>16</b>    |  | <b>SUBTOTAL</b>                       | <b>16</b>      |   |
| <b>Senior – Fall</b>               |              |  | <b>Senior - Spring</b>                |                |   |
| CSCI 4160                          | 3            | Compiler Design and Software Development   | CSCI 4700                             | 3              | Software Engineering  |
| CSCI UD Elective                   | 3            | See catalog  | HUM/FA (Rubric 2)                     | 3              | See catalog or upper division form                                    |
| SOC/BEH (Rubric 2)                 | 3            | See catalog or upper division form   | Minor Courses                         | 4              | See catalog   |
| Minor course                       | 3            | See catalog  | CSCI UD Elective                      | 3              | See catalog   |
| HUM/FA (Rubric 1)                  | 3            | See catalog or upper division form   |                                       |                |   |
|                                    |              |  |                                       |                |   |
| <b>SUBTOTAL</b>                    | <b>15</b>    |  | <b>SUBTOTAL</b>                       | <b>13</b>      |   |
| <b>TOTAL HOURS IN PROGRAM: 120</b> |              |  |                                       |                |   |

\*\*Take MATH 1730 if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).