| Must Apply to Graduate            | Still Needed: | YOU MUST APPLY FOR GRADUATION BEFORE THE START OF THE TERM IN WHICH YOU PLAN TO GRADUATE. |
|-----------------------------------|---------------|---|
|                                   |               |   |
| General Education Core Curriculum | Still Needed: | See CORE BLOCK section  |
| AREA F: Courses Related to Major  | Still Needed: | See Area F: Computer Science - Systems section  |
| Major Requirements                | Still Needed: | See Major in Computer Science - Systems section   |

| AREA D: SCIENCE/MATH/TECHNOLOGY |  |               |   |  |  |  |
|---------------------------------|--|---------------|---|--|--|--|
|                                 | SELECT 2 SCIENCE COURSES WITH LAB                | Still Needed: | Choose from 2 of the following:                         |  |  |  |
|                                 | Descriptive Astronomy: The Solar System          | Still Needed: | ( 2 Classes in ASTR 1105 and 1305*) or                  |  |  |  |
|                                 | Principles of Biology                            | Still Needed: | ( 4 Credits in BIOL 1215K ) or                          |  |  |  |
|                                 | Contemporary Issues in Biology                   | Still Needed: | ( 4 Credits in BIOL 1225K ) or                          |  |  |  |
|                                 | Survey of Chemistry I                            | Still Needed: | ( <b>2</b> Classes in <b>CHEM</b> 1151* and 1151L* ) or |  |  |  |
|                                 | Survey of Chemistry II                           | Still Needed: | ( <b>2</b> Classes in <b>CHEM</b> 1152* and 1152L* ) or |  |  |  |
|                                 | Principles of Chemistry I                        | Still Needed: | ( <b>4</b> Credits in <b>CHEM</b> 1211@ ) or            |  |  |  |
|                                 | Principles of Chemistry II                       | Still Needed: | ( <b>2</b> Classes in <b>CHEM</b> 1212* and 1212L* ) or |  |  |  |
|                                 | Understanding the Weather                        | Still Needed: | ( 2 Classes in ATSC 1112 and 1112L* ) or                |  |  |  |
|                                 | Introductory Geo-sciences I: Physical Geology    | Still Needed: | ( 1 Class in <b>GEOL</b> 1121L*) or                     |  |  |  |
|                                 | Introductory Geosciences I                       | Still Needed: | ( 1 Class in <b>GEOL</b> 1121K ) or                     |  |  |  |
|                                 | Introductory Geo-sciences II: Historical Geology | Still Needed: | ( 2 Classes in GEOL 1122* and 1322* ) or                |  |  |  |
|                                 | The Fossil Record                                | Still Needed: | ( 1 Class in <b>GEOL</b> 2225 ) or                      |  |  |  |
|                                 | Introductory Physics I                           | Still Needed: | ( 2 Classes in PHYS 1111* and 1311*) or                 |  |  |  |
|                                 | Introductory Physics II                          | Still Needed: | ( 4 Credits in PHYS 1112* or 2211* or 1312* ) or        |  |  |  |
|                                 | Physics of Color and Sound                       | Still Needed: | ( 2 Classes in PHYS 1125* and 1325*) or                 |  |  |  |
|                                 | Principles of Physics I                          | Still Needed: | ( 2 Classes in PHYS 2211* and 2311*) or                 |  |  |  |
|                                 | Principles of Physics II                         | Still Needed: | ( 2 Classes in PHYS 2212* and 2312* ) or                |  |  |  |
|                                 | Susatinability and the Environment               | Still Needed: | ( 1 Class in <b>ENVS</b> 1205K )                        |  |  |  |
|                                 | Introductory Statistics                          | Still Needed: | 1 Class in <b>STAT</b> 1401*                            |  |  |  |
|                                 |  |               |   |  |  |  |

| Computer Science II                 | Still Needed:          | 1 Class in <b>CPSC</b> 1302*                            |
|-------------------------------------|------------------------|---|
| Computer Organization               | Still Needed:          | 1 Class in <b>CPSC</b> 2105*                            |
| Fundamentals of Computer Networks   | Still Needed:          | 1 Class in CYBR 2159*                                   |
| Information Security                | Still Needed:          | 1 Class in CYBR 2160*                                   |
|                                     |                        |   |
|                                     |                        |   |
|                                     |                        |   |
|                                     |                        |   |
| AREA G: PROGRAM REQ                 |                        |   |
|                                     | mark: C or better requ | uired in each CPSC course.                              |
| Data Structures                     | Still Needed:          | 1 Class in CPSC 2108*                                   |
| Operating Systems                   | Still Needed:          | 1 Class in CPSC 3125*                                   |
| Database Systems I                  | Still Needed:          | 1 Class in CPSC 3131*                                   |
| Professionalism in Computing        | Still Needed:          | 1 Class in CPSC 3165*                                   |
| Object-Oriented Design              | Still Needed:          | 1 Class in <b>CPSC</b> 3175*                            |
| Baccalaureate Survey                | Still Needed:          | 1 Class in CPSC 4000                                    |
| Discrete Mathematics                | Still Needed:          | 1 Class in MATH 5125U*                                  |
|                                     |                        |   |
|                                     |                        |   |
| AREA H: TRACK REQ                   |                        |   |
| Rer                                 | mark: C or better requ | uired in each course                                    |
| Assembly Language Programing 1      | Still Needed:          | 1 Class in <b>CPSC</b> 3121*                            |
| CPSC 4115 Algorithms                | Still Needed:          | 1 Class in <b>CPSC</b> 5115U*                           |
| Programming Languages               | Still Needed:          | 1 Class in <b>CPSC</b> 4135* or 5135U*                  |
| Theory of Computation               | Still Needed:          | 1 Class in <b>CPSC</b> 4148* or 5128U*                  |
| Computer Architecture               | Still Needed:          | 1 Class in <b>CPSC</b> 4155* or 5155U*                  |
| Computer Networks                   | Still Needed:          | 1 Class in <b>CPSC</b> 4157* or 5157U*                  |
| Software Engineering                | Still Needed:          | 1 Class in <b>CPSC</b> 4175*                            |
| Senior Software Engineering Project | Still Needed:          | 1 Class in <b>CPSC</b> 4176*                            |
| Computer Science Electives          | Still Needed:          | 6 Credits in CPSC 3@ or 4@ or 5@ or CYBR 3@ or 4@ or 5@ |
|                                     |                        |   |