

**Computer Science
Program-to-Program Articulation Agreement
Required Course Summary**

**Community College – 60 credits Completed
Last 61 credits and two years at BU Shown Below**

<p style="text-align: center;">Fall Semester – Junior Year (16 credits)</p> <ol style="list-style-type: none"> 1. Compsci 120 – Computer Ethics (1 credit) 2. Compsci 221 – Advanced Java (4 credits) 3. Compsci 240 – Embedded Systems (3 credits) 4. Math 126 – Calculus II (3 credits) 5. IntStudy 231 – Technical Writing (3 credits) 6. Physical Education (Goal 9) Course (2 credits) 	<p style="text-align: center;">Spring Semester -- Junior Year (17 credits)</p> <ol style="list-style-type: none"> 1. Compsci 255 -- Data Structures using C++ (4 credits) 2. Science Lab Elective -- 4 credits 3. Math 225 -- Calculus 3 (3 credits) 4. Computer Science Elective (3 credits) 5. Group A Course (Goal 7 Course) (3 credits)
<p style="text-align: center;">Fall Semester Senior Year 15 credits</p> <ol style="list-style-type: none"> 1. Math Elective (3 credits) 2. Values Class (Goal 2 Course) (3 credits) 3. Group B Elective (Goal 6 Course) (3 credits) 4. Compsci 350 – Org of PL (3 credits) 5. Compsci 355 – Algorithms and Data Structures (3 credits) 6. 	<p style="text-align: center;">Spring Semester Senior Year 13 credits</p> <ol style="list-style-type: none"> 1. Group B Elective (Goal 7 course) (3 credits) 2. Compsci 386 – Operating Systems (3 credits) 3. Compsci 480 – Software Engineering (4 credits) 4. Computer Science Elective (3 credits)

Notes:

1. This schedule assumes the student selected the Database course as the optional CS course during the first two years. If a different computer science elective selection is made, then this schedule can be adapted accordingly. All three available electives are on our list of CS courses.