

## Appendix A Quinsigamond Community College and Assumption College Computer Science-Transfer AS to Computer Science BA Degree Plan Table

QCC Course Title	Course #	Credits	Assumption College Title	Course #	Credits
<b>Semester 1</b>					
Computer Science I	CSC 108	4	Introduction to Programming	CSC 117	3
Composition I	ENG 101	3	English Composition	ENG 130	3
Calculus I	MAT 233	4	Calculus I	MAT 117	3
Lab Science Elective	---	4	Lab Science Elective	---	4
<b>Semester 2</b>					
Computer Science II	CSC 109	4	Intermediate Programming	CSC 250	3
Composition II	ENG 102	3	Introduction to Literature	LTE 140	3
Calculus II	MAT 234	4	Calculus II	MAT 118	3
Lab Science Elective	---	4	Lab Science Elective	---	4
<b>Semester 3</b>					
Introduction to Architecture and Assembly Language	CSC 208	4	Computer Architecture	CSC 231	3
Discrete Mathematics	MAT 125	3	Discrete Structures	MAT 202	3
Speech Communication Skills	SPH 101	3	Speech	ENG 211	3
Humanities Elective	---	3	Humanities Elective/Elective	---	3
Social Science Elective	---	3	Social Science Elective/Elective	---	3
<b>Semester 4</b>					
Programming with Data Structures	CSC 211	4	Data Structures	CSC 305	3
Introduction to Software Engineering	CSC 212	4	Systems Analysis and Design	CSC 301	3
Probability & Statistics for Engineers and Scientists	MAT 237	3	Probability Theory	MAT 208	3
Social Science Elective	---	3	Social Science Elective/Elective	---	3
See Note #2 below			Java Programming	CSC 317	3
<b>Total Credits Required:</b>		<b>60*</b>			<b>56*</b>

- Notes**
- \* Due to credit conversion, a total of 56 credits are awarded in transfer to the Computer Science Bachelor of Arts Major. QCC students are encouraged to take one additional Humanities or Social Science elective prior to transfer in order to increase acceptance of 59 total credits.
- 1) Courses remaining to complete the Assumption College Computer Science Major:
    - a) CSC 260, CSC 321, CSC 330
    - b) Three additional electives above CSC 260 or MAT 356 or PHY213, provided CSC 317 has been credited as described below.
  - 2) Computer Science sequencing acceptance: Completion of QCC courses, CSC 108-109-211-208, results in completion of Assumption courses, CSC 117-231-250-305-317.
  - 3) Students who complete two additional Mathematics courses (including one at 300+ level) at Assumption College, will be eligible for a Minor in Mathematics.