

### BCC/UMASS Amherst Computer Science Transfer Roadmap

BCC courses	CR	UMASS Amherst Equivalent Courses	CR
CIS 157 Java Programming I	4	CS 121 Intro to Problem Solving (Java)	4
CIS 257 Java Programming II	4	CS 187 Programming with Data Structures	4
MTH 214 Calculus I	4	MI 131 Calculus I	4
MTH 215 Calculus II	4	MI 132 Calculus II	4
MTH 253 Calculus III	4	M233/S515 Multivariate Calculus/Statistics I	4
CIS 260 SW Specification and Design	4	CS 220 Programming Methodology	4
MTH 243 & 244 Discrete Structures I & II	6	CS 250 Intro to Computation	4
CIS 261 & 262 Intro to Computer Systems/Computer Organization and Design	8	CS 230/240 Computer Systems Principles/Reasons about Uncertainty	8

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