

Computer Science Departmental Requirements and Prerequisite Structure

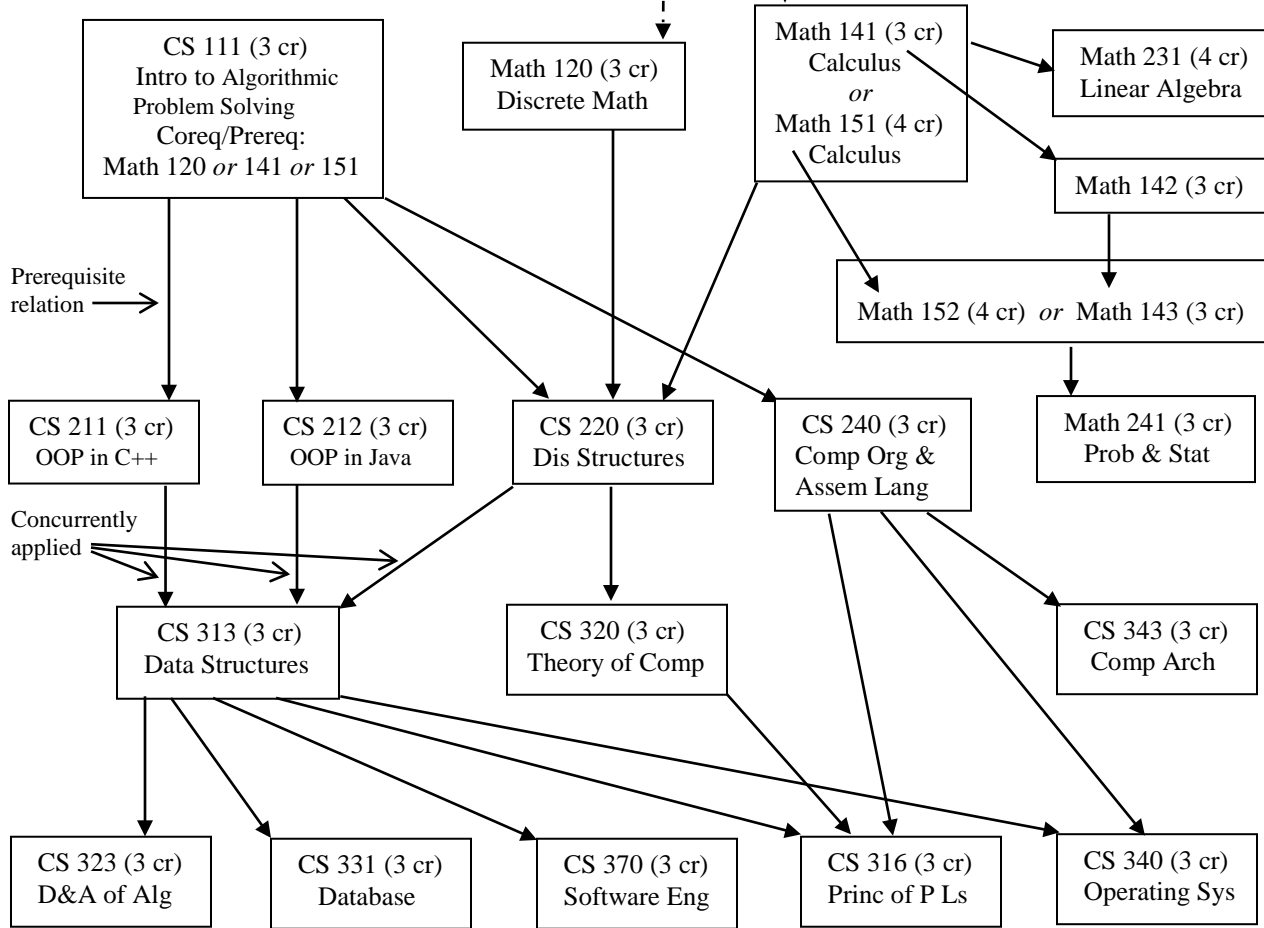
— CSCI-BS

Minimum grade for a required CS course: C
 Minimum grade for a required non-CS course: C-

Residency requirement: At least 50% of the courses for the major and 50% of the required CS courses must be completed at QC.

Math 122 (4 cr)
Pre-Calculus

Phys 1451, 1454, 1461, 1464, 204
 or
 Phys 103, 204, and either 225 or 227
 or
 Phys 103, 204, Chem 1131, 1134, 1141, 1144
 or
 Phys 103, 204, Bio 105, 106



Five additional electives chosen from[†]: (consult QC Bulletin and Class Schedule for details)

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|-------------------------|-----------------------------|--------------------------------------|
| Artificial Intelligence | Distributed Systems | Data Mining & Warehousing |
| Compilers | Graphical Models | Information Organization & Retrieval |
| Computational Finance | Image Processing | Internet & Web Technologies |
| Computer Graphics | Machine Learning | Object-Oriented Databases |
| Cryptography | Natural Language Processing | Operating System Programming |
| Data Communications | Numerical Methods | Special Topics in Computer Science |

[†] One approved course from Biology, Mathematics, or Physics may be used.