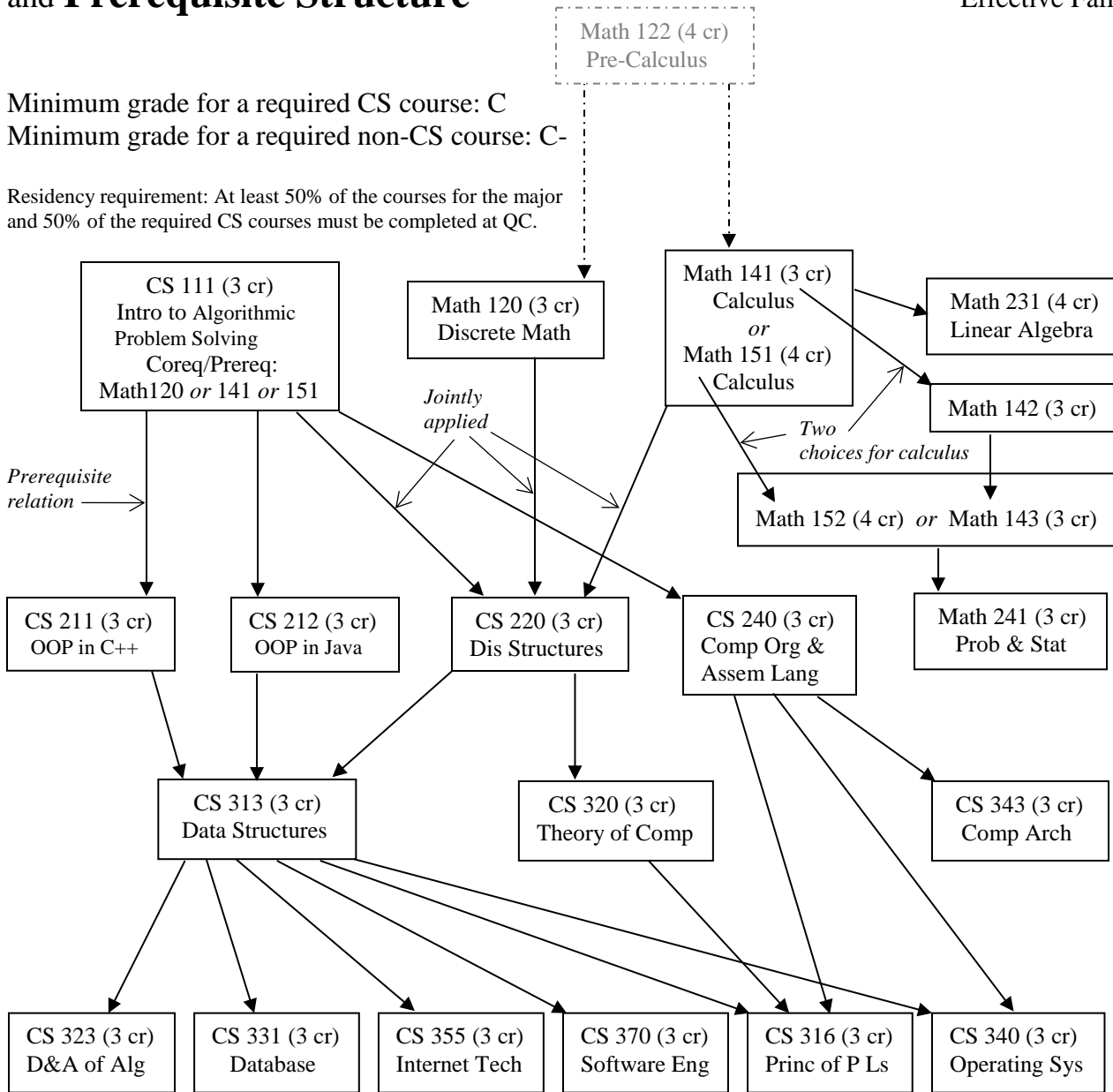


# Computer Science Departmental Requirements and Prerequisite Structure

— CSCI-BS  
Effective Fall 2018

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.



Six additional electives chosen from<sup>†</sup>: (consult QC Bulletin and Class Schedule for details)

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

<sup>†</sup> One approved course from Biology, Mathematics, or Physics may be used.