

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

Artificial Intelligence **Distributed Systems** Compilers **Computational Finance Computer Graphics** Cryptography Data Communications

**Graphical Models** Image Processing Machine Learning Natural Language Processing Numerical Methods

Data Mining & Warehousing Information Organization & Retrieval **Object-Oriented Databases Operating System Programming** Special Topics in Computer Science

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