Proposal for restricting non-CS enrollment in CS graduate courses

In recent years, several graduate Computer Science courses have had significant waitlists of CS graduate students even as non-CS graduate students were enrolled in the course. To better serve CS graduate students, the prerequisites for the CS graduate courses listed below will be amended to include the following:

Must be in the (Computer Science (Doctoral), Computer Science (Master's)) program, or permission of CMNS-Computer Science department.

Additionally, this language will be added as a prerequisite to all 8x8 courses unless otherwise requested by the instructor.

The anticipated policy is that the Department will withhold permission for enrollment of non-CS graduate students until the first day of classes. In exceptional circumstances, this policy could be modified for individual courses at the discretion of the Graduate Chair.

Course list:

Artificial Intelligence
CMSC 721 - Non-Monotonic Reasoning
CMSC 722 - Artificial Intelligence Planning
CMSC 723 - Computational Linguistics I (Formerly: Natural Language Processing)
CMSC 726 - Machine Learning
CMSC 727 - Neural Modeling
CMSC 773 - Computational Linguistics II

Bioinformatics
CMSC701 - Computational Genomics
CMSC702 - Computational Systems Biology

Computer Systems
CMSC 711 - Computer Networks
CMSC 712 - Distributed Algorithms and Verification
CMSC 714 - High Performance Computing Database Systems
CMSC 624 - Database Systems Implementation (Inactive Course)
CMSC 724 - Database Management Systems
CMSC 725 - Geographic Information Systems and Spatial Databases

Scientific Computing
CMSC 660 - Scientific Computing I
CMSC 661 - Scientific Computing II
CMSC 663 - Advanced Scientific Computing I
CMSC 664 - Advanced Scientific Computing II
CMSC 666 - Numerical Analysis I
CMSC 667 - Numerical Analysis II
CMSC 760 - Advanced Linear Numerical Analysis
CMSC 762 - Numerical Solution of Nonlinear Equations
CMSC 764 - Advanced Numerical Optimization

Software Engineering/Programming Languages/HCI
CMSC 630 - Theory of Programming Languages
CMSC 631 - Program Analysis and Understanding
CMSC 632 - Software Product Assurance
CMSC 634 - Empirical Research Methods for Computer Science
CMSC 731 - Programming Language Implementation
CMSC 734 - Information Visualization
CMSC 735 - Quantitative Approach to Software Management and Engineering
CMSC 736 - Software Engineering Environments
CMSC 737 - Fundamentals of Software Testing

Algorithms and Computation Theory
CMSC 651 - Analysis of Algorithms
CMSC 652 - Complexity Theory
CMSC 751 - Parallel Algorithms
CMSC 752 - Concrete Complexity
CMSC 754 - Computational Geometry

Visual and Geometric Computing
CMSC 725 - Geographic Information Systems and Spatial Databases
CMSC 740 - Advanced Computer Graphics
CMSC 741 - Geometric and Solid Modeling
CMSC 733 - Computer Processing of Pictorial Information
CMSC 754 - Computational Geometry