MATH 4006 Numerical Analysis  
Electives  
Select two electives in mathematics (numbered above 2000)  
or computer and information sciences (possibly including  
5000 level graduate courses)  
Concentration  
Select one of the following:  
Mathematics Concentration  
Computer and Information Sciences Concentration  
At least one elective must be from mathematics if the computer  
and information sciences concentration is chosen and at least  
one elective must be in computer and information sciences if the  
mathematics concentration is chosen.

Concentrations  
Each student must also take two courses from one of the following two  
concentrations. Courses from the concentration not chosen may be used  
as electives.

Mathematics Concentration  
Course Title Credits  
MATH 3006 Probability  
MATH 3007 Statistics  
MATH 3002 Differential Equations  
MATH 4022 Partial Differential Equation

Computer and Information Sciences Concentration  
Course Title Credits  
CISC 3500 Database Systems  
CISC 3593 Computer Organization  
CISC 3595 Operating Systems  
CISC 4597 Artificial Intelligence  
CISC 4615 Data Communications and Networks  
CISC 4631 Data Mining

Availability  
The major in mathematics and computer & information sciences is  
available at Fordham College at Rose Hill and Fordham College at Lincoln  
Center. Students in the School of Professional and Continuing Studies  
may major in mathematics and computer & information sciences only  
if their schedules are sufficiently flexible to permit them to take day  
courses at the Rose Hill or Lincoln Center campuses.  

Fordham College at Rose Hill students: The requirements above are in  
addition to those of the Core Curriculum.  

Fordham College at Lincoln Center students: The requirements above are in  
addition to those of the Core Curriculum.  

Professional and Continuing Studies students: The requirements above are in  
addition to those of the PCS Core Curriculum.