The 24 credit concentration should be selected with advisement from the courses below:

CIS 101  Introduction to Computing
CIS 102  Special Topics
TS 210A  Word Processing Applications for the Microcomputer
TS 211A  Spreadsheet Applications for the Microcomputer
TS 212A  Database Applications for the Microcomputer
TS 313  Multimedia and Telecommunications Applications for the Microcomputer
TS 322  End-User Information Systems: Designing and Managing Training
TS 331  Technical Writing for the Computer Technologies
TS 333  End-User Information Systems: Planning, Implementation, and Evaluation
TS 341  Networking Technologies
TS 351  Microcomputer Hardware: Troubleshooting and Maintenance
TS 415  Cases in End-User Computing
TS 471  Internship

IS  112  Computer Organization & Programming
IS  222  COBOL Programming
IS  223  C/C++ Programming
IS  241  Information Systems Concepts
IS  243  Information Systems Design
IS  323  Object-Oriented Programming Using C++
IS  328  Programming Languages
IS  341  Management Information Systems
IS  343  The Information Center Approach
IS  351  Global Data Communications
IS  381  Data Structures
IS  396  Special Topics in Information Systems
IS  414  Operating Systems Concepts
IS  416  Distributed Computing Systems
IS  431  Applied Artificial Intelligence
IS  441  Systems Implementation
IS  451  Business Telecommunications & Networking
IS  481  Database Management and Organization
IS  483  Database Programming Techniques
IS  485  Comparative Database Systems
IS  499  Seminar
CS  150  The Internet and Web Authoring
CS  152  Internet Programming I
CS  154  Internet Programming II
CS  156  Scripting Languages
CS  158  Webmaster Techniques and Responsibilities
CS  160  Topics in Internet Technologies
CS  121  Computer Programming I
CS  122  Computer Programming II
CS  232  Computer Organization
CS  241  Data Structures and Algorithms I
CS  242  Data Structures and Algorithms II
CS  271  Fundamentals of the UNIX Operating System
CS  312  Research Methods in Computers and Society
CS  351  Automata & Computability
CS  361  Programming Languages & Implementation
CS  371  Operating Systems & Architecture
CS  381  Systems Simulation
CS  383  Computer Graphics
CS  385  Artificial Intelligence
CS  387  Database Design
CS  388  Data Communications
CS  389  Software Engineering
CS  488  Computer Networks & The Internet

Student's Name: ________________________________________________________________
Advisor: _______________________________________________________________________
Semester and Year Started at Pace: _____________       Expected Date of Graduation: ______
2002-2003
## University Core Curriculum

### Foundation Experience

**Writing**
- ENG 101: [ ]
- ENG 102: [ ]

**Speech**
- SPE 101: [ ]
- SPE 102: [ ]

**Mathematics**
- MAT: [ ]

### Exploratory Experience

**Literature**
- LIT 211: [ ]
- LIT 212: [ ]

**Fine & Performing Arts**
One "Exploratory" course which carries any of the prefixes: ART/ DAN/ MUS/ THR.
- [ ]

**History**
Two "Exploratory" HIS courses:
- one Western history course: [ ]
- one non-Western history course: [ ]

**Philosophy**
One "Exploratory" PHI course: [ ]

**Science**
Two "Exploratory" courses, including at least one laboratory course, which carry any of the prefixes: BIO/ CHE/ ENV/ PHY/ SCI
- [ ]
- [ ]

**Social/ Behavioral Sciences**
Two "Exploratory" ANT/ ECO/ POL/ PSY/ SOC courses in two different disciplines.
- [ ]
- [ ]

**Modern Languages and Cultures**
One "Exploratory" course which carries any of the prefixes: CHI/ FRE/ GER/ ITA/ JPN/ RUS/ SPA numbered 102 or above.*
- [ ]

### Enhancement Experience

Nine liberal arts education Core Credits offered by Dyson College labeled as "Enhancement" in at least two disciplines outside the student's major.
- [ ]
- [ ]
- [ ]

*Students taking a foreign language course numbered 101 as a prerequisite for their Modern Language requirement may apply those credits toward the “Enhancement” Experience.

Note: A listing of the courses applicable to the “Exploratory” and the “Enhancement” Experiences is available in the current catalog or from your Dean's Office.
Concentration (24 credits)*

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*Students must earn a grade of “C” or better in each prerequisite core course in Computer Science in order to take subsequent Computer Science courses.

Electives (47 credits)

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For more information on the Experiential Learning Program call the Office of Adult Enrollment Services at (212) 346-1943 on the New York Campus or (914) 773-3714 on the Pleasantville Campus.