

School of Computer Science & Information Systems

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

CIS 101	Introduction to Computing	IS 381	Data Structures
CIS 102	Special Topics	IS 396	Short Topics in Information Systems
TS 210	Word Processing Applications for the Microcomputer	IS 414	Operating Systems Concepts
TS 211	Spreadsheet Applications for the Microcomputer	IS 416	Distributed Computing Systems
TS 212	Database Applications for the Microcomputer	IS 431	Applied Artificial Intelligence
TS 213	Multimedia and Telecommunications Applications for the Microcomputer	IS 441	Systems Implementation
TS 214	Microcomputer Operating Systems	IS 451	Business Telecommunications & Networking
TS 220	End-User Information Systems: Planning & Design	IS 481	Database Management and Organization
TS 321	End-User Information Systems: Implementation & Evaluation	IS 483	Database Programming Techniques
TS 322	End-User Information Systems: Designing and Managing Training	IS 485	Comparative Database Systems
TS 331	Technical Writing for the Computer & Communication Technologies	IS 499	Seminar
TS 341	Networking Technologies	CS 150	The Internet and Web Authoring
TS 351	Microcomputer Hardware: Troubleshooting and Maintenance	CS 152	Internet Programming I
TS 415	Cases in End-User Computing	CS 154	Internet Programming II
TS 471	Internship	CS 156	Scripting Languages
IS 112	Computer Organization & Programming	CS 158	Webmaster Techniques and Responsibilities
IS 222	COBOL Programming	CS 160	Topics in Internet Technologies
IS 223	C Programming	CS 121	Computer Programming I
IS 241	Information Systems Concepts	CS 122	Computer Programming II
IS 243	Information Systems Design	CS 231	Computer Organization I
IS 322	Advanced COBOL Programming	CS 232	Computer Organization II
IS 323	Object Oriented Programming Using C++	CS 241	Data Structures and Algorithms I
IS 328	Programming Languages	CS 242	Data Structures and Algorithms II
IS 341	Management Information Systems	CS 271	Fundamentals of the UNIX Operating System
IS 343	The Information Center Approach	CS 296	Short Topics in Computer Science
IS 351	Business Data Communications	CS 312	Research Methods in Computers and Society
		CS 351	Automata & Computability
		CS 361	Programming Languages & Implementation I
		CS 362	Programming Languages & Implementation II
		CS 371	Operating Systems & Architecture I
		CS 381	Systems Simulation
		CS 383	Computer Graphics I
		CS 385	Artificial Intelligence I
		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: \_\_\_\_\_

1998-1999  
1999-2000  
2000-2001  
2001-2002

# University Core Curriculum

## Foundation Experience

### WRITING

ENG 101  
ENG 102

Credits

Pace  
Grade

Transfer  
Credit

4
4



### SPEECH

SPE 101  
SPE 102

2
2



### MATHEMATICS

MAT \_\_\_\_\_

3
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## Exploratory Experience

### LITERATURE

LIT 211  
LIT 212

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3



### FINE & PERFORMING ARTS

One “Exploratory” course which carries any of the prefixes: ART/ DAN/ MUS/ THR.

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### HISTORY

Two “Exploratory” HIS courses:

one Western history course

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one non-Western history course

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### PHILOSOPHY

One “Exploratory” PHI course

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### SCIENCE

Two “Exploratory” courses, including at least one laboratory course, which carry any of the prefixes: BIO/ CHE/ ENV/ PHY/ SCI

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### SOCIAL/ BEHAVIORAL SCIENCES

Two “Exploratory” ANT/ ECO/ POL/ PSY/ SOC/ courses in two different disciplines.

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### MODERN LANGUAGES AND CULTURES

One “Exploratory” course which carries any of the prefixes: CHI/ FRE/ GER/ ITA/ JPN/ RUS/ SPA numbered 102 or above.\*

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## 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.

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3
3



\*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.



