

Touro College/Advisement and Counseling Service Major Form

Student's Name _____ ID# _____ Telephone Number _____
 Expected Date of Graduation _____ Advisor _____

Computer Science - B.S. Degree

		<u>Credits</u>	<u>Grade</u>	<u>Semester taken</u>	<u>Semester to be taken</u>
<u>Required for Major (40 Credits)</u>					
MCO 104	Computing Theory and Applications	4	_____	_____	_____
MCO 141	Introduction to Programming	3	_____	_____	_____
MCO 152	Computer Methodology	3	_____	_____	_____
MCO 232	Advanced Programming	3	_____	_____	_____
MCO 264	Data Structures I	3	_____	_____	_____
MCO 243	Operating Systems	3	_____	_____	_____
MCO 251	Programming Languages	3	_____	_____	_____
MCO 260	Computer Architecture	3	_____	_____	_____
MCO 343	Database Concepts & Design	3	_____	_____	_____
MCO 352	Structured Systems Analysis	3	_____	_____	_____
MCO 364	Data Structures II	3	_____	_____	_____
MCO 368	Advanced Topics in Object Oriented Programming	3	_____	_____	_____
MCO 452	Internship in Computer Science	3	_____	_____	_____

Required Math Courses for Major (7 Credits)

MAT 121	Calculus I	4	_____	_____	_____
MCO 241	Math for Computer Science Majors	3	_____	_____	_____

Three Electives From the Following (9 Credits)

MAT 122	Calculus II	4	_____	_____	_____
MAT 231	Probability Theory	3	_____	_____	_____
MCO 201	Digital Electronics	3	_____	_____	_____
MCO 223	Wide Area Networks I (Cisco)	3	_____	_____	_____
MCO 228	Advanced Computer Hardware and Systems Security	3	_____	_____	_____
MCO 245	UNIX Operating Systems	3	_____	_____	_____
MCO 275	Internet Tools and Web Page Design	3	_____	_____	_____
MCO 353	Data Communications	3	_____	_____	_____
MCO 354	Local Area Networks	3	_____	_____	_____
MCO 355	Advanced Local Area Networks (LAN)	3	_____	_____	_____
MCO 358	Web Programming	3	_____	_____	_____
MCO 451	Special Topics in Computer Science	3	_____	_____	_____

Any Approved Course:

_____	_____	3	_____	_____	_____
_____	_____	3	_____	_____	_____

Total Credits in Program: 56 Total Completed: _____ * *taken outside Touro*

Comments:

- Includes Revisions as of January 2015

STUDENT'S SIGNATURE

APPROVED: DEPT. ADVISOR'S SIGNATURE

DATE