

DEPARTMENT OF COMPUTER SCIENCE
GRADUATION COURSE CHECKLIST
BIOINFORMATICS CONCENTRATION

STUDENT NAME:	T-NUMBER:
ADVISOR:	ACT: SENIOR EXIT EXAM(Y/N):
DATE SUBMITTED TO DEPARTMENT:	MAJOR FIELD TEST (Y\N):
CONCENTRATION: BIOINFORMATICS	

COURSES	Semester	Grade	Hrs		COURSES	Semester	Grade	Hrs
Communication (9)					Orientation and General CS (2)			
ENGL 1010			3		UNIV 1000			1
ENGL 1020			3		COMP 1500			1
COMM 2200			3		CS Core (37)			
Humanities/Fine Arts (9)					COMP 2140			4
			3		COMP 2240			4
<i>One Humanities/Fine Arts course must be selected from ENGL 2110, 2310,2012,2013,2210, 2320, 2022, 2023, or 2220.</i>					COMP 2400			3
			3		COMP 3040			3
			3		COMP 3050			3
<i>They must satisfy the university general education program requirements (i.e. ART 1010, HIST 1210, HIST 1220, MUSC 1010, PHIL 1030, RELS 2010, THTR 1020, AREN 2310, or any of English courses above)</i>					COMP 3190			2
Social/Behavioral Sciences (6)					COMP 3310			3
			3		COMP 3560			3
			3		COMP 4100			3
<i>They must satisfy the university general education program requirements (i.e. AFAS 2010, ANTH 2300, ECON 2010, ECON 2020, GEOG 1010, GEOG 1020, HPSS 1510, POLI 2010, POLI 1010, PSYC 2010, SOCI 2010, URBS 2010, or WMST 2000)</i>					COMP 4300			3
History (6)					COMP 4500			1
			3		COMP 4510			2
			3		COMP 4700			3
<i>HIST 2010 OR HIST 2020 may be replaced by HIST 2030 (i.e. must satisfy the university general education requirements)</i>								
Natural Sciences (12)								
BIOL 1110/1111			4					
BIOL 4110/4111			4					
			4		CS and Technical Electives (21)			
<i>Courses can be selected from: PHYS 2110/2111 (or PHYS 2010/2011), PHYS 2120/2121 (or PHYS 2020/2021), CHEM 1110/1111, CHEM 1120/1121, BIOL 1110/1111, or BIOL 1120/1121.</i>					COMP 3110 or 3120 or 3130 or 3140 or 3150			3
					COMP 3710			3
Mathematics (18)					COMP 4820			3
MATH 1910			4		COMP 3112/3113			4
MATH 1920			4					
STAT 3110			3					
COMP 3200			4					
MATH Elective			3					
<i>MATH Elective must be 2000 or higher level with approval of academic advisor. MATH 2500, 3130, 3710, 4500, 4724, 4750, 4900 are NOT accepted.</i>								

Electives must be appropriately chosen so that the total of the 3000-4000 level courses must be at least 42 credits.

TOTAL HOURS: 120

Student:	Date:	Department Head:	Date:
Advisor:	Date:	Dean:	Date: