

WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Computer Science (0798)
Department of Mathematics and Computer Science

Student Name: _____ SSN# _____ Degree Type _____
 Address: _____ BS BA
 Catalog Authority: 2003-04 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION & STUDENT SUCCESS REQUIREMENTS (46-49)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Oral Communications (3)			Fine Arts (6)		
Pick one of the following: COMM 110, THR 211, THR 250			Pick one of the following: ART 211, MUSC 111, THR 110		
Course (Credit): _____			Course (Credit): _____		

Written Communications (6)
 ENGL 101 Comp & Rhetoric I (3) _____
 ENGL 102 Comp & Rhetoric II (3) _____

Pick at least 3 hours from any of the following:
 ART 101, 102, 103, 107, 205, 210,221,230,241,251,261,271
 MUSC 100, 101, 119, 151
 THR 136, 211, 215, 250
 Course (Credit): _____

Mathematics (3 or 6)
 Pick one MATH course numbered 131 - 299
or two MATH courses numbered below 131
 Course (Credit): _____
 Course (Credit): _____

History (3)
 Pick one course from the following:
 HIST 111, 112, 201, 202
 Course (Credit): _____

Laboratory Science (8)
 Pick two courses (including lab) from the following:
 BIOL 101, 102, 111, 112 CHEM 121, 151, 152
 GEOG 201 GEOL 101, 102, 201 MVSC 240
 PHSC 101, 102, 115, 171, 172 PHYS 151, 152, 171, 172
 Course (Credit): _____
 Course (Credit): _____
 Physical Science is required for this major

Computer Area (3)
 Pick either CMPS 110 or 160, or take a challenge exam.
 Course (Credit): _____

Social and Behavioral Sciences (6)
 Pick two courses from separate disciplines from the following:
 ANTH 201, 202 ECON 200, 201, 202 GEOG 202, 205
 POLS 201 PSY 102 SOC 101, 102
 Course (Credit): _____
 Course (Credit): _____

Physical and Mental Well-Being Area (2)
 MVSC 100 Lifetime Wellness (1) _____
 Pick 1 hour from any of the following: MVSC 103, 104,
 105, 106, 109, 112, 113, 118, 119, 121, 124, 125, 134, 135,
 137, 138, 139, 140, 141, 143, 144, 151, 152, 153, 157
 Course (Credit): _____
 Other service: _____
 (military, sports, police academy)

Humanities (3)
 Pick one of the following: ENGL 200, 201, 205, 225, 240,
 ENGL 265, 296, 297, 298, 299; or HUM 205
 Course (Credit): _____

Student Success Seminar
 ACAD 101 Student Success Sem (3) _____

Other Required Courses (11 credit hours)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
MATH 171 Calculus I (5)	_____	_____
MATH 243 Discrete Math (3)	_____	_____
MATH 321 Statistics (3)	_____	_____

BS Requirement (6 credits minimum)
 MATH 172 Calculus II (4) _____
 MATH 271 Calculus III (4) _____

BA Requirement (3 credits minimum)
 Completion of one of the following: SPAN 202, SPAN 252,
 SPAN 214 or any upper level Spanish course.
 Course (Credit): _____

Degree Plan - Computer Science Major

COMPUTER SCIENCE CORE REQUIREMENTS (21 Minimum)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
CMPS 140 Intro to CS (3) *	_____	_____	CMPS 320 Architect./Assembly (3)	_____	_____
CMPS 170 Comp Prog Fundmntl (3)	_____	_____	CMPS 330 Platform Indep Prog (3)	_____	_____
CMPS 240 Problem Solving (3)	_____	_____	CMPS 350 Data Structures (3)	_____	_____
CMPS 263 Databases (3)	_____	_____	CMPS 496 Sr Project & Seminar (3)	_____	_____

* May be waived for students with the proper background.

GUIDED ELECTIVE COURSES (12 credit hours minimum)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
CMPS 323 Progr. Languages (3)	_____	_____	CMPS 420 Operating Systems (3)	_____	_____
CMPS 354 Network & Comm (3)	_____	_____	CMPS 430 Computer Graphics (3)	_____	_____
CMPS 370 Appl Develop. Tech (3)	_____	_____	CMPS 450 Adv Obj Oriented Prog. (3)	_____	_____
CMPS 410 Anal of Algorithms (3)	_____	_____	CMPS 465 Adv Concepts Datab (3)	_____	_____

MINOR DEGREE COURSES (18-24 hours outside the Computer Science discipline)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____

ADDITIONAL COURSES (to fulfill the 128 hour requirement)

<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>	<u>Course(Credits)</u>	<u>Sem/Year</u>	<u>Grade</u>
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____
Course (Credit): _____	_____	_____	Course (Credit): _____	_____	_____

Total Upper Division Hours (54 minimum required): _____
 (6 hours must be outside of major and minor disciplines)

Total Writing Intensive Course Hours (minimum of 12 required): _____

Total Hours (128 minimum required): _____ **Copy to Registrar on (date):** _____

Original completed on (date): _____ **Grad. Audit sent on (date):** _____

Updated on (date): _____

Student Signature: _____

Advisor Signature: _____