

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

Student Name: _____ ID #: _____ Tel #: _____ Degree Type
 Address: _____ Email: _____ BS BA
 Catalog Authority: 2006-07 Expected Completion: _____ Advisor: _____

GENERAL EDUCATION & STUDENT SUCCESS REQUIREMENTS (46-49)

Course(Credits) Sem/Year Grade
Oral Communications (3)

Pick one of the following: COMM 110, THR 211, THR 250

Course: _____ (3) _____

Written Communications (6)

ENGL 101 Comp & Rhetoric I (3) _____

ENGL 102 Comp & Rhetoric II (3) _____

Mathematics (3 or 6)

Pick one MATH course numbered 131 - 299, or Statistics

or two MATH courses numbered below 131

Course: _____ () _____

Course: _____ () _____

Laboratory Science (8)

Pick two courses (plus labs) from the following:

CHEM 121, 151, 152 GEOL 101, 102, 201

PHSC 101, 102, 131, 115, 171, 172 PHYS 151, 152, 171, 172

(Physical Science is required for this major)

Course: _____ (4) _____

Course: _____ (4) _____

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: _____ (3) _____

Course: _____ (3) _____

Humanities (3)

Pick one of the following: ENGL 200, 201, 205, 225, 240,

ENGL 265, 293, 294, 296, 297

Course: _____ (3) _____

Student Success Seminar

ACAD 101 Student Success (3) _____

Fine Arts (6)

Pick one of the following: ART 211, MUSC 111, THR 110

Course: _____ (3) _____

Pick at least 3 hours from any of the following:

ART 101, 102, 103, 107, 114, 205, 210, 221, 230, 241, 251, 261

MUSC 100, 101, 119, 151

THR 136, 211, 215, 250

Course: _____ () _____

History (3)

Pick one course from the following:

HIST 111, 112, 201, 202

Course: _____ (3) _____

Computer Area (3)

Pick either CMPS 110 or 111, or take a challenge exam.

Course: _____ (3) _____

Physical and Mental Well-Being Area (2)

Lifetime Wellness Activity - Pick one of the following:

MVSC 103, 105, 109, 127, 157

Course: _____ (1) _____

Activity Course - Select one additional activity course

numbered MVSC 103 - 157

Course: _____ (1) _____

Other service: _____

(military, sports, police academy)

Other Required Courses (8-11 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) _____	_____

*If not taken as Gen'l Ed Math

BS Requirement (6 credits minimum)

MATH 172 Calculus II (4) _____

MATH 271 Calculus III (4) _____

OR

BA Requirement (3 credits minimum)

Completion of one of the following: SPAN 202, SPAN 252,
 SPAN 214 or any upper level Spanish course.

Course: _____ (3) _____

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 Comp Sci* (3)	_____	_____	CMPS 320 Architect./Assembly (3)	_____	_____
CMPS 170 Comp Prog Fundmnt (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 415 Adv Cncpts Databs (3)	_____	_____
CMPS 354 Network & Comm (3)	_____	_____	CMPS 420 Operating Systems (3)	_____	_____
CMPS 370 Appl Develop. Tech (3)	_____	_____	CMPS 430 Computer Graphics (3)	_____	_____
CMPS 410 Anal of Algorithms (3)	_____	_____	CMPS 450 Adv Obj Orientd Pro (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: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____

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: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____
Course: _____ ()	_____	_____	Course: _____ ()	_____	_____

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: _____ **date:** _____

Advisor Signature: _____ **date:** _____