

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

Student Name: _____ SSN #: _____ Tel #: _____ Degree Type
 Address: _____ Email: _____ BS BA
 Catalog Authority: 2004-05 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) Pick one of the following: COMM 110, THR 211, THR 250 Course (Cr): _____			Fine Arts (6) Pick one of the following: ART 211, MUSC 111, THR 110 Course (Cr): _____		

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 (Cr): _____
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Mathematics (3 or 6) Pick one MATH course numbered 131 - 299, or Statistics <u>or</u> two MATH courses numbered below 131 Course (Cr): _____ Course (Cr): _____	History (3) Pick one course from the following: HIST 111, 112, 201, 202 Course (Cr): _____
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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 (Cr): _____ Course (Cr): _____	Computer Area (3) Pick either CMPS 110 or 160, or take a challenge exam. Course (Cr): _____
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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 (Cr): _____ Course (Cr): _____	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 (Cr): _____ Other service: _____ (military, sports, police academy)
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Humanities (3) Pick one of the following: ENGL 200, 201, 205, 225, 240, ENGL 265, 296, 297, 298, 299 Course (Cr): _____	Student Success Seminar ACAD 101 Student Success Sem (3) _____
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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

<u>BS Requirement (6 credits minimum)</u> MATH 172 Calculus II (4) _____ MATH 271 Calculus III (4) _____	OR <u>BA Requirement (3 credits minimum)</u> Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course. Course (Cr): _____
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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 Fundmni (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 & Semina (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 Orientd Prc (3)	_____	_____
CMPS 410 Anal of Algorithms (3)	_____	_____	CMPS 465 Adv Cncpts Databs (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 (Cr): _____	_____	_____	Course (Cr): _____	_____	_____
Course (Cr): _____	_____	_____	Course (Cr): _____	_____	_____
Course (Cr): _____	_____	_____	Course (Cr): _____	_____	_____
Course (Cr): _____	_____	_____	Course (Cr): _____	_____	_____

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

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: _____