

MISSOURI WESTERN STATE UNIVERSITY

Minor Declaration

Student Name _____

G# _____

Address _____
 Street City State ZIP

Telephone _____

Minor coursework must consist of a minimum of four credit hours beyond the student's major, emphasis, concentration, and general studies requirements. A student cannot get a minor in the same area as their major, emphasis, or concentration. To be awarded a minor, an overall GPA of at least 2.0 must be earned in the required minor coursework.

Department:	Computer Science, Math and Physics	45
Major:		
Minor:		
Catalog Year: 2011-2012		

Advisor _____ Department _____

Student's Signature _____ Date _____

Advisor's Signature _____ Date _____

Chairperson's Signature _____ Date _____
(Required by minor chairperson for course substitution only.)

Registrar's Signature _____ Date _____

SELECT MINOR (Please check one)

Computer Information Systems	21	_____
Computer Science	18	_____
Mathematics	21	_____
Physics	20	_____

ROUTING: Send this form to the Registrar's Office for processing. The Registrar will send copies to student, advisor and minor department.

COMPUTER INFORMATION SYSTEMS MINOR (21 Credits)

	Credit	Grade
ACT102 Introduction to Web Page Development	3	_____
CSC184 Computing Concepts I	3	_____
CSC200 Computer Systems and Architecture	3	_____
CSC201/MGT201 Microcomputer Applications	3	_____
CSC305 Database Architecture and Concepts	3	_____
CSC400 Systems Analysis and Design	3	_____
Plus one approved course from ACT or CIS	3	_____

Course Substitutions:

COMPUTER SCIENCE MINOR (18 Credits)

	Credit	Grade
CSC184 Computing Concepts	3	_____
CSC254 Computing Concepts II	3	_____
CSC384 Microcomputer Assembly Language	3	_____
CSC285 Data Structures	3	_____
Plus 6 additional credits from the following:		
CSC318 Simulation and Modeling		_____
CSC328 Computer Graphics		_____
CSC394 Networking and Telecommunications		_____
CSC410 Computer and Network Security		_____

Course Substitutions:

MATHEMATICS MINOR (21 Credits)

	Credit	Grade
MAT167 Calculus with Analytical Geometry I	5	_____
MAT177 Calculus with Analytical Geometry II	5	_____
Plus 11 additional credits in MAT classes numbered 200 or above:		_____

Course Substitutions:

A grade of C or better is required in all minor courses.

Comments:

PHYSICS MINOR (20 Credits)

	Credit	Grade
Select A or B		
A. PHY110 College Physics I	4	_____
PHY111 College Physics II	4	_____
MAT147 Applied Calculus (5)	OR	_____
MAT167 Calculus with Analytic Geometry I	5	_____
B. PHY210 University Physics I	5	_____
PHY211 University Physics II	5	_____
PHY312 University Physics III	3	_____
Plus 7 additional credits from the following		
PHY313 Modern Physics Laboratory	1	_____
PHY320 History of Physics	3	_____
PHY410 Selected Topics in Physics	3	_____
PHY450 Independent Research/Project	1-3	_____
CHE383 Physical Chemistry: Thermodynamics	3	_____
MAT317 Differential Equations	3	_____

Course Substitutions:

This form is not official until signed by the Registrar.