

# MISSOURI WESTERN STATE UNIVERSITY

## Minor Declaration Form

Student Name \_\_\_\_\_

G# \_\_\_\_\_

Address \_\_\_\_\_  
 Street City State ZIP

Telephone \_\_\_\_\_

Students are expected to read the regulations and policies in both the **University Catalog** and **Student Handbook** and to conform to them. The student, not the University or a member of the faculty or staff, is primarily responsible for knowing the regulations and policies, and for meeting the requirements for a degree or certificate.

<b>Department:</b>	Computer Science, Math and Physics	38
<b>Major:</b>		
<b>Minor:</b>		
<b>Catalog Year: 2009-2010</b>		

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 <b>one approved course</b> from ACT or CIS	3	_____

Course Substitutions:

### COMPUTER SCIENCE MINOR (18 Credits)

	Credit	Grade
CSC184 Computing Concepts	3	_____
CSC254 Computing Concepts II	3	_____
CSC284 Assembly Language Programming (BAL)	3	_____
CSC285 Data Structures	3	_____
Plus <b>6 additional credits</b> from the following:		
MAT417 Numerical Analysis		_____
CSCXXX Computer science course numbered 300 or higher		_____

Course Substitutions:

### MATHEMATICS MINOR (21 Credits)

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

\*MAT132 Elementary statistics may be included.

Course Substitutions:

### 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)	<b>OR</b>	_____
MAT167 Calculus with Analytic Geometry I	5	_____
B. PHY210 University Physics I	5	_____
PHY211 University Physics II	5	_____
PHY312 University Physics III	3	_____
Plus <b>7 additional credits</b> 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:

All Computer Science, Math and Physics Minors require a minimum of a C in every course.

Comments:

This form is not official until signed by the Registrar.