

MISSOURI WESTERN STATE UNIVERSITY

Major - Minor Declaration Four Year Program

Student Name _____

Address _____
Street City State ZIP

Telephone _____ ID# _____

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.

PREPARATORY COURSES (Do not count towards General Studies. RDG095, MAT081/082/083 or equivalent do not count toward graduation requirements.)

Based on placement criteria.	Credits	Grade
MAT081 or equivalent	3	_____
MAT082 or equivalent	3	_____
MAT083 or equivalent	3	_____
ENG100	3	_____
RDG095	3	_____

GENERAL STUDIES (42-46 Credits)

CATEGORY ONE: BASIC SKILLS (12-14 credits)

- MAT110 or MAT112 or MAT116 or MAT130 or MAT137 or MAT147 or MAT167 3/4/5 _____
- ENG104 and 108 or ENG112 6 _____
- COM104 3 _____

CATEGORY TWO: NATURAL SCIENCES (8-10 credits)

Minimum of 8 credits from TWO of the following groups.

- BIO101 or 105 5 _____
- CHE101(4) or 104(5) or 111(5) 4/5 _____
- ESC111 4 _____
- PHY101(4) or 107(4) or 110(4) or 210(5) 4/5 _____
- PHY104 4 _____

CATEGORY THREE: SOCIAL SCIENCES (9 credits)

Minimum of 9 credits with at least one course from each of the two following groups.

- ECO101 or 260 or 261 or GEO100 or PSY101 or SOC110 or 120 3 _____
- HIS140 or 150 or PSC101 3 _____
- Additional course from group 1 or 2 3 _____

CATEGORY FOUR: HUMANITIES (9 credits)

One course each from three of the following four groups.

- HIS200 or 210 or 230 or HUM203 or 204 or 205 3 _____
- ENG210 or 220 or PHL210 or 230 or HUM250 3 _____
- ART100 or MUS101 or THR113 3 _____
- FRE/GER/SPA100 or any higher level 3-credit language course 3 _____

CATEGORY FIVE: PHYSICAL HEALTH (4 credits)

- PED101 3 _____
- MIL105 or any PE lifetime sports activity class 1 _____

LAS AREAS OF FOCUS Course ID

- LAS Writing Intensive _____
- LAS Computer Literacy _____

TR beside grade denotes that transfer work fulfills course requirements.

Degree/Program:	B.S. – Chemistry	5A
Major:	Chemistry	
Minor:		
Catalog Year: 2009-2010	Expires: 2015-2016	

Advisor _____ Department _____

Student's Signature _____ Date _____

Advisor's Signature _____ Date _____

Chairperson's Signature _____ Date _____

Registrar's Signature _____ Date _____

DEGREE REQUIREMENTS

Check when the requirement is completed.

- A minimum of 124 credits is required for graduation (including 60 from a senior college).
- For the baccalaureate degree, 30 of the last 45 credits of course work must be earned at MWSU with a minimum of 30 credits in upper division courses. Lower division transfer courses accepted as meeting upper division departmental course requirements cannot be used to fulfill this requirement.
- Participation in departmental and campus wide assessment efforts is required. Contact the Academic and Student Affairs Office for more information.
- Complete the requirements below.

MAJOR REQUIREMENTS (81 Credits)		Credit	Grade
CHE111	General Chemistry I	5	
CHE120	General Chemistry II w/Qualitative Analysis	5	
CHE310	Organic Chemistry I	3	
CHE311	Organic Chemistry Lab I	2	
CHE312	Organic Chemistry II	3	
CHE313	Organic Chemistry Lab II	2	
CHE321	Quantitative Analysis	4	
CHE370	Biochemistry	4	
CHE381	Physical Chem: Dynamics/Quantum	3	
CHE382	P-Chem Lab: Dynamics/Quantum	2	
CHE383	Physical Chem: Thermodynamics	3	
CHE384	Physical Chem Lab: Thermodynamics	2	
CHE426	Instrumental Methods	5	
CHE441	Advanced Inorganic Chemistry	3	
CHE442	Inorganic Synthesis	2	
CHE495	Seminar in Chemistry	2	
MAT167	Calculus w/ Analytic Geometry I	5	
MAT177	Calculus w/ Analytic Geometry II	5	
MAT287	Calculus w/ Analytic Geometry III	5	
PHY210	University Physics I	5	
PHY211	University Physics II	5	
Advanced Courses in Chemistry: Choose 2 courses			
CHE445	Advanced Topics in Chemistry*	3	
CHE470	Biochemistry II	3	
CHE490	Research in Chemistry**	3	
TOTAL		81	

*CHE445 may be repeated under two different topics for 6 credit hours in this category.

**To satisfy requirements in this category, CHE490 must consist of 3 credit hours on a single project that culminates in a single written report. The 3 credit hours do not have to be completed in a single semester.

This form is not official until signed by the Registrar.