

DEGREE CHECKLIST (College of Arts and Sciences)

2008-2009 Catalog

NAME _____ ADVISER _____ MAJOR B.S. – CHEMISTRY (ACS Chemistry, Biochemistry, Environmental, Forensic, Multidisciplinary Programs of Study)

GENERAL EDUCATION REQUIREMENTS			Required Courses (36 semester hours)					
	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (required of first time freshmen only)	_____	0-1	MATH 201____ 202____	(6)	_____	CHEM 312____	(1)	_____
Critical Skills			MAED 200____	(1)	_____	CHEM 313____ 314____	(4)	_____
Writing and Critical Thinking			CHEM 105____ 106____	(8)	_____	CHEM 407____ 409____	(4)	_____
WRIT 101 (A grade of C- or better is required)	_____	3	107____ 108____	(8)	_____	CHEM 408____ 410____	(4)	_____
CRTW 201 (A grade of C- or better in HMXP 102 is required as a prerequisite)	_____	3	CHEM 301____ 303____	(4)	_____	CHEM 491____ 492____	(0)	_____
Quantitative Skills (met by major)		0	CHEM 302____ 304____	(4)	_____	CHEM 493____ 494____	(0)	_____
Oral Communication (see approved list; may be satisfied through other requirement)	_____	0-3						
Logic/Language/Semiotics (3 hours met by major)								
Foreign Language (102-level proficiency)	_____	3-4						
Technology (see approved list; may be met by another requirement)	_____	0-3						
Skills for Common Experience and Thinking Across Disciplines								
HMXP 102 (A grade of C- or better in WRIT 101 is required as a prerequisite)	_____	3						
Global Perspectives (see approved list)	_____	3						
Historical Perspectives (see approved list)	_____	3						
Developing Critical Skills and Applying them to Disciplines								
Natural Science (met by major)	_____	0						
Social Science (must include two designators; see approved list)	_____	3						
_____	_____	3						
_____	_____	0-3*						
Humanities and Art (must include two designators; see approved list)	_____	3						
_____	_____	3						
_____	_____	0-3*						
*A total of 15 hours is required in Social Science/Humanities & Arts.								
Intensive Writing (see approved list; may be satisfied through other requirement)	_____	0-3						
Constitution Requirement (may be satisfied through other requirement)	_____	0-3						
SUBTOTAL		33-47						

Required Courses (36 semester hours)					
Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
MATH 201____ 202____	(6)	_____	CHEM 312____	(1)	_____
MAED 200____	(1)	_____	CHEM 313____ 314____	(4)	_____
CHEM 105____ 106____	(8)	_____	CHEM 407____ 409____	(4)	_____
107____ 108____	(8)	_____	CHEM 408____ 410____	(4)	_____
CHEM 301____ 303____	(4)	_____	CHEM 491____ 492____	(0)	_____
CHEM 302____ 304____	(4)	_____	CHEM 493____ 494____	(0)	_____

SELECT ONE OF FIVE PROGRAMS OF STUDY BELOW:					
ACS Chemistry Program of Study			Environmental Chemistry Program of Study		
BIOL 203____ 204____	(4)	_____	BIOL 203____ 204____	(4)	_____
PHYS 211____ 212____	(8)	_____	PHYS 211____ 212____	(8)	_____
CHEM 305____	(1)	_____	CHEM 305____	(1)	_____
CHEM 523____ 525____	(4)	_____	CHEM 330____ 332____	(4)	_____
CHEM 530____ 531____	(4)	_____	CHEM 502____ 503____	(4)	_____
CHEM 551____ 552____	(6)	_____	CHEM 517____	(4)	_____
Subtotal	27		CHEM 523____ 525____	(4)	_____
			CHEM 527____	(3)	_____
			CHEM 551____ 552____	(6)	_____
			GEOL 335____	(3)	_____
			GEOL 340____	(3)	_____
			Subtotal	44	
			Multidisciplinary Chemistry Program of Study		
			CHEM above 299		
			_____ () _____ () (8) _____		
			PHYS 211____ 212____		
			or 201____ 202____ (8) _____		
			Approved math or science electives (15>299)		
			BIOL, CHEM, CSCI, GEOL, QMTH, PHYS, MATH (18) _____		
			_____ () _____ () _____ ()		
			_____ () _____ () _____ ()		
			Subtotal	34	
			Forensic Chemistry Program of Studies		
			BIOL 203____ 204____	(4)	_____
			BIOL 317____	(3)	_____
			MATH 141____	(3)	_____
			PHYS 211____ 212____	(8)	_____
			CHEM 330____	(3)	_____
			CHEM 495____ 496____	(0)	_____
			CHEM 502____ 503____	(4)	_____
			CHEM 505____ 506____	(4)	_____
			CHEM 523____ 525____	(4)	_____
			CHEM 551____ 552____	(6)	_____
			CHEM 575____	(6)	_____
			PHIL 320____	(3)	_____
			SPCH 201____	(3)	_____
			Subtotal	51	
			Foreign Language	(0-4)	_____

ELECTIVES (0-28 semester hours)					
_____ () _____			_____ () _____		
_____ () _____			_____ () _____		

- NOTES**
1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement or in a major and a minor.
 2. All Arts and Sciences majors require a minimum of 40 hours in courses numbered above 299.
 3. Attendance at three cultural events is required for each 20 hours completed in residence at Winthrop.