

**DEGREE CHECKLIST (College of Arts and Sciences)**

2015-2016 Catalog

NAME \_\_\_\_\_

ID# \_\_\_\_\_

**MAJOR B.S. —CHEMISTRY**

**( Biochemistry and Chemistry Degree Tracks)**

<b>GENERAL EDUCATION REQUIREMENTS (35-41 semester hours)</b>		
	Check	Hrs.
ACAD 101 (Required of first-time freshmen only)	_____	1
<b>Writing and Critical Thinking:</b>		
WRIT 101 (grade of C- or better is required)	_____	3
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3
<b>Oral Communication</b> (see approved list)	_____	3
_____	_____	3
<b>Technology</b> (see approved list; may be met in major)	_____	0-3
_____	_____	3
<b>Intensive Writing</b> (see approved list)	_____	3
_____	_____	0-3
<b>Constitution Requirement</b> (see approved list; may be met in major)	_____	1
_____	_____	3
<b>Physical Activity</b> (see approved list)	_____	3
_____	_____	3
<b>Global Perspectives</b> (see approved list)	_____	3
_____	_____	3
<b>Historical Perspectives</b> (see approved list)	_____	3
_____	_____	3
<b>Social Science</b> (see approved list; must include 2 designators)	_____	3
_____	_____	3
_____	_____	3
<b>Humanities and Arts</b> (see approved list; must include 2 designators)	_____	3
_____	_____	3
_____	_____	3
<b>Quantitative Skills</b> (met in major with MATH 201 & 202)	_____	0
<b>Natural Science</b> (met in major with PHYS 211)	_____	0

<b>REQUIRED COURSES (43-44 semester hours)</b>						
Course & No.	Hrs.	Check	Course & No.	Hrs.	Check	
BIOL 203 _____	204 _____	( 4 ) _____	CHEM 305 _____		( 1 ) _____	
MATH 201 _____	202 _____	( 8 ) _____	CHEM 312 _____		( 1 ) _____	
MAED 200 _____		( 0-1)* _____	CHEM 313 _____	314 _____	( 4 ) _____	
CHEM 105 _____			CHEM 407 _____	409 _____	( 4 ) _____	
	106 _____	108 _____	( 8 ) _____	CHEM 408 _____	410 _____	( 4 ) _____
CHEM 301 _____		( 4 ) _____	CHEM 491 _____	492 _____	( 0 ) _____	
CHEM 302 _____	304 _____	( 4 ) _____	CHEM 493 _____	494 _____	( 0 ) _____	
			CHEM 495 _____		( 1 ) _____	
* Required as a corequisite only if MATH 202 is taken at Winthrop.						
<b>SELECT ONE OF TWO DEGREE TRACKS BELOW:</b>						
<b>Chemistry Degree Track (20 hours)</b>						
CHEM >299 _____		( 3 ) _____	Select 9 hrs above 299 of approved math or science electives from: BIOL, CHEM, CSCI, GEOL, MATH, QMTH, PHYS			
PHYS 211 _____	212 _____		_____ ( ) _____		( ) _____	
or 201 _____	202 _____	( 8 ) _____	_____ ( ) _____			
<b>Biochemistry Degree Track (22 hours)</b>						
BIOL 310 or 315 _____		( 4 ) _____	Select 3 hrs above 299 of approved math or science electives from: BIOL, CHEM, CSCI, GEOL, MATH, QMTH, PHYS			
CHEM 523 _____	525 _____	( 4 ) _____	_____ ( ) _____			
CHEM 524 or 528 _____		( 3 ) _____	_____ ( ) _____			
PHYS 211 _____	212 _____	( 8 ) _____	_____ ( ) _____			

<b>FOREIGN LANGUAGE (3-8 semester hours)</b>		
_____	_____	3-4
_____	_____	0-4
102-level proficiency required		

<b>ELECTIVES (5-19 semester hours)</b>					
_____ ( ) _____			_____ ( ) _____		
_____ ( ) _____			_____ ( ) _____		
_____ ( ) _____			_____ ( ) _____		
_____ ( ) _____			_____ ( ) _____		
_____ ( ) _____			_____ ( ) _____		

- NOTES**
1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement.
  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. Note exceptions in the undergraduate catalog.
  4. Designators that differ only for the purpose of theory and application will be considered the same designator in this category.
  5. Complete WRIT 101, HMXP 102, and CRTW 201 with a C- or better by 75 hours.
  6. See complete catalog requirements at [www.winthrop.edu/recandreg](http://www.winthrop.edu/recandreg)