

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

**2022-2023 Catalog**

**NAME**

**ID#**

**MAJOR B.S. – CHEMISTRY (Health and Chemical Sciences Degree Track)**

**GENERAL EDUCATION REQUIREMENTS (29-41 semester hours)**

	<b>Check</b>	<b>Hrs.</b>
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
HMPX 102 (grade of C- or better in WRIT 101 is required)	_____	3
CRTW 201 (grade of C- or better in HMPX 102 is required)	_____	3
<b>Oral Communication</b> (see approved list; may be met in major with CHEM 552)	_____	0-3
_____	_____	0-3
<b>Technology</b> (see approved list; may be met in major)	_____	0-3
_____	_____	0-3
<b>Intensive Writing</b> (see approved list; may be met by other requirement)	_____	0-3
_____	_____	0-3
<b>Constitution-Founding Documents Req.</b> (see approved list; may be met by other requirement)	_____	0-3
_____	_____	0-3
<b>Physical Activity</b> (see approved list)	_____	1
_____	_____	1
<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
<b>Humanities and Arts</b> (see approved list; must include 2 designators)	_____	3
_____	_____	3
<b>Quantitative Skills</b> (met in major with MATH 201 & 202)	_____	0
<b>Natural Science</b> (met in major with PHYS 201 or 211)	_____	0

**REQUIREMENTS IN THE MAJOR (67 semester hours)**

<b>Course &amp; No.</b>	<b>Hrs.</b>	<b>Check</b>	<b>Course &amp; No.</b>	<b>Hrs.</b>	<b>Check</b>
BIOL 220, 222	( 4 )	_____	CHEM 407, 409	( 4 )	_____
MATH 201, 202	( 8 )	_____	CHEM 408, 410	( 4 )	_____
PHYS 211, 212	( 8 )	_____	CHEM 491, 492,	( 0 )	_____
or PHYS 201, 202			493, 494		
CHEM 105, 108	( 6 )	_____	CHEM 495	( 1 )	_____
CHEM 301, 302,	( 8 )	_____	CHEM electives above 299 ( 6 ): _____,		
304					
CHEM 305	( 1 )	_____	Math or science electives in BIOL, CHEM, CSCI, GEOL,		
CHEM 312	( 1 )	_____	QMTM, PHYS, MATH above 299 ( 12 ):		
CHEM 313, 314	( 4 )	_____	_____, _____, _____, _____		

**ELECTIVES (4-21 semester hours)**

_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____

**FOREIGN LANGUAGE (3-8 semester hours)**

_____	_____	3-4
_____	_____	0-4
102-level proficiency required		

**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. Students should complete WRIT 101, HMPX 102 and CRTW 201 with a C- or better early in their academic careers.
6. See complete catalog requirements at [www.winthrop.edu/recandreg](http://www.winthrop.edu/recandreg)