

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

**2018-2019 Catalog**

**NAME**

**ID#**

**MAJOR B.S. —CHEMISTRY (ACS Chemistry, ACS Biochemistry,  
Chemistry-Business, Engineering-Physics, Forensic Chemistry)**

GENERAL EDUCATION REQUIREMENTS (35-41 semester hours)			REQUIRED COURSES (63-64 semester hours)					
	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	0-1	BIOL 203 _____	204 _____ ( 4 )	_____	CHEM 312 _____		( 1 ) _____
<b>Writing and Critical Thinking:</b>			MATH 201 _____	202 _____ ( 8 )	_____	CHEM 313 _____	314 _____	( 4 ) _____
WRIT 101 (grade of C- or better is required)	_____	3	MAED 200 _____		( 0-1)* _____	CHEM 407 _____	409 _____	( 4 ) _____
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	PHYS 211 _____	212 _____ ( 8 )	_____	CHEM 408 _____	410 _____	( 4 ) _____
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3	CHEM 105 _____			CHEM 491 _____	492 _____	( 0 ) _____
<b>Oral Communication</b> (see approved list)			106 _____	108 _____ ( 8 )	_____	CHEM 495 _____		( 1 ) _____
_____	_____	3	CHEM 301 _____		( 4 ) _____	CHEM 493 _____	494 _____	( 0 ) _____
<b>Technology</b> (see approved list; may be met in major)	_____		CHEM 302 _____	304 _____ ( 4 )	_____	CHEM 523 _____	525 _____	( 5 ) _____
_____	_____	0-3	CHEM 305 _____		( 1 ) _____	CHEM 530 _____	531 _____	( 4 ) _____
<b>Intensive Writing</b> (see approved list)	_____	3				CSCI 151 _____		( 3 ) _____
_____	_____		* Required as a corequisite only if MATH 202 is taken at Winthrop.					
<b>Constitution Requirement</b> (see approved list; may be met by other requirement)	_____	0-3	<b>SELECT ONE OF FIVE DEGREE TRACKS BELOW:</b>					
_____	_____		<b>ACS Chemistry Degree Track</b>			<b>Chemistry - Business Degree Track</b>		
<b>Physical Activity</b> (see approved list)	_____	1	CHEM 551 _____	552 _____ ( 6 )**	_____	FINC 111 _____		( 1 ) _____
<b>Global Perspectives</b> (see approved list)	_____	3	CHEM 502/503 _____	or 505/506 ( 4 )	_____	QMTH 205 _____		( 3 ) _____
_____	_____	3	<b>Subtotal</b>		<b>10</b>	ACCT 280 _____	281 _____	( 6 ) _____
<b>Historical Perspectives</b> (see approved list)	_____	3	<b>ACS/ASBMB Biochemistry Degree Track</b>			Select two from the following: ( 6 ) _____		
_____	_____	3	Three BIOL courses from:			FINC 311 _____		
<b>Social Science</b> (see approved list; must include 2 designators)	_____	3	BIOL 310 _____	315 _____	316 _____	MGMT 321 _____		
_____	_____	3	317 _____	555 _____	(11-12) _____	MKTG 380 _____		
<b>Humanities and Arts</b> (see approved list; must include 2 designators)	_____	3	CHEM 524 _____		( 3 ) _____	<b>Subtotal</b>		<b>16</b>
_____	_____	3	CHEM 551 _____	552 _____	( 6 ) _____	<b>Engineering-Physics</b>		
_____	_____	3	<b>Subtotal</b>		<b>20-21</b>	MATH 301 _____	305 _____	( 7 ) _____
<b>Quantitative Skills</b> (met in major with MATH 201 & 202)	_____	0	<b>Forensic Chemistry Degree Track</b>			PHYS 321 _____		( 3 ) _____
<b>Natural Science</b> (met in major with PHYS 211)	_____	0	CHEM 502 _____	503 _____	( 4 ) _____	<b>Subtotal</b>		<b>10</b>
			or CHEM 505 _____	506 _____	( 4 ) _____			
			<b>Subtotal</b>		<b>4</b>			
			**or CHEM 500-level course with 3 laboratory credit hours					
<b>FOREIGN LANGUAGE (3-8 semester hours)</b>			<b>ELECTIVES (0-15 semester hours)</b>					
_____	_____	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. 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)