

DEGREE CHECKLIST (College of Arts and Sciences)

2020-2021 Catalog

NAME

ID#

MAJOR B.S. – CHEMISTRY (Biochemistry and Chemistry Degree Tracks)

GENERAL EDUCATION REQUIREMENTS (29-41 semester hours)

REQUIREMENTS IN THE MAJOR (choose **one** degree track)

	Check	Hrs.	Biochemistry Program of Study (67 semester hours)			Chemistry Program of Study (67 semester hours)		
			Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1						
Writing and Critical Thinking:			BIOL 220, 222	(4)	_____	BIOL 220, 222	(4)	_____
WRIT 101 (grade of C- or better is required)	_____	3	BIOL 310 or 315	(4)	_____	MATH 201, 202	(8)	_____
HMPX 102 (grade of C- or better in WRIT 101 is required)	_____	3	MATH 201, 202	(8)	_____	PHYS 211, 212	(8)	_____
CRTW 201 (grade of C- or better in HMPX 102 is required)	_____	3	PHYS 211, 212	(8)	_____	or PHYS 201, 202		
Oral Communication (see approved list; may be met in major with CHEM 552)			or PHYS 201, 202			CHEM 105, 108	(6)	_____
_____	_____	0-3	CHEM 105, 108	(6)	_____	CHEM 301, 302,	(8)	_____
Technology (see approved list; may be met in major)			CHEM 301, 302,	(8)	_____	304		
_____	_____	0-3	304			CHEM 305	(1)	_____
Intensive Writing (see approved list; may be met by other requirement)			CHEM 305	(1)	_____	CHEM 312	(1)	_____
_____	_____	0-3	CHEM 312	(1)	_____	CHEM 313, 314	(4)	_____
Constitution Requirement (see approved list; may be met by other requirement)			CHEM 313, 314	(4)	_____	CHEM 407, 409,	(4)	_____
_____	_____	0-3	CHEM 323	(3)	_____	CHEM 408, 410	(4)	_____
Physical Activity (see approved list)			CHEM 407, 409	(4)	_____	CHEM 491, 492,	(0)	_____
_____	_____	1	CHEM 491, 492,	(0)	_____	493, 494		
Global Perspectives (see approved list)			493, 494			CHEM 495	(1)	_____
_____	_____	3	CHEM 495	(1)	_____	CHEM (>299)	(6)	_____
Historical Perspectives (see approved list)			CHEM 523, 525	(5)	_____	Math or science electives (BIOL, CHEM, CSCI, GEOL,		
_____	_____	3	CHEM 524 or 528	(3)	_____	QMTM, PHYS, MATH >299)		
Social Science (see approved list; must include 2 designators)			Approved math or science >299 chosen from BIOL			(12) _____, _____, _____, _____		
_____	_____	3	CHEM, CSCI, GEOL, MATH, QMTM, PHYS:					
Humanities and Arts (see approved list; must include 2 designators)			(7) _____, _____, _____					
_____	_____	3						
_____	_____	3						
Quantitative Skills (met in major with MATH 201 & 202)								
Natural Science (met in major with PHYS 201 or 211)								
		0						
		0						
FOREIGN LANGUAGE (3-8 semester hours)			ELECTIVES (4-21 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. Complete WRIT 101, HMPX 102, and CRTW 201 with a C- or better by 75 hours.
6. See complete catalog requirements at www.winthrop.edu/recandreg