

DEGREE CHECKLIST (College of Arts and Sciences)

2021-2022 Catalog

NAME

ID#

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

GENERAL EDUCATION REQUIREMENTS (29-41 semester hours)			REQUIREMENTS IN THE MAJOR (choose <u>one</u> 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	BIOL 220, 222	(4)	_____	BIOL 220, 222	(4)	_____
Writing and Critical Thinking:			BIOL 310 or 315	(4)	_____	MATH 201, 202	(8)	_____
WRIT 101 (grade of C- or better is required)	_____	3	MATH 201, 202	(8)	_____	PHYS 211, 212	(8)	_____
HMPX 102 (grade of C- or better in WRIT 101 is required)	_____	3	PHYS 211, 212	(8)	_____	or PHYS 201, 202		
CRTW 201 (grade of C- or better in HMPX 102 is required)	_____	3	or PHYS 201, 202			CHEM 105, 108	(6)	_____
Oral Communication (see approved list; may be met in major with CHEM 552)	_____	0-3	CHEM 105, 108	(6)	_____	CHEM 301, 302,	(8)	_____
_____	_____		CHEM 301, 302,	(8)	_____	304		
Technology (see approved list; may be met in major)	_____	0-3	304			CHEM 305	(1)	_____
_____	_____		CHEM 305	(1)	_____	CHEM 312	(1)	_____
Intensive Writing (see approved list; may be met by other requirement)	_____	0-3	CHEM 312	(1)	_____	CHEM 313, 314	(4)	_____
_____	_____		CHEM 313, 314	(4)	_____	CHEM 407, 409,	(4)	_____
Constitution Requirement (see approved list; may be met by other requirement)	_____	0-3	CHEM 323	(3)	_____	CHEM 408, 410	(4)	_____
_____	_____		CHEM 407, 409	(4)	_____	CHEM 491, 492,	(0)	_____
Physical Activity (see approved list)	_____	1	CHEM 491, 492,	(0)	_____	493, 494		
_____	_____		493, 494			CHEM 495	(1)	_____
Global Perspectives (see approved list)	_____	3	CHEM 495	(1)	_____	CHEM (>299)	(6)	_____
_____	_____		CHEM 523, 525	(5)	_____	Math or science electives (BIOL, CHEM, CSCI, GEOL,		
Historical Perspectives (see approved list)	_____	3	CHEM 524 or 528	(3)	_____	QMTM, PHYS, MATH >299)		
_____	_____		Approved math or science >299 chosen from BIOL			(12) _____, _____, _____, _____		
Social Science (see approved list; must include 2 designators)	_____	3	CHEM, CSCI, GEOL, MATH, QMTM, PHYS:					
_____	_____	3	(7) _____, _____, _____					
Humanities and Arts (see approved list; must include 2 designators)	_____	3						
_____	_____	3						
Quantitative Skills (met in major with MATH 201 & 202)	_____	0						
Natural Science (met in major with PHYS 201 or 211)	_____	0						
			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. 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