

DEGREE CHECKLIST (College of Arts and Sciences)

2019-2020 Catalog

NAME

ID#

MAJOR B.S. — CHEMISTRY (ACS Chemistry; ASBMB Biochemistry Degree Tracks)

GENERAL EDUCATION REQUIREMENTS (29-41 semester hours)			REQUIREMENTS IN THE MAJOR (choose <u>one</u> degree track)					
	Check	Hrs.	ACS Chemistry Degree Track (70 semester hrs)			ASBMB Biochemistry Degree Track (72-74 semester hrs)		
ACAD 101 (Required of first-time freshmen only)	_____	1	(Students completing this degree track will be ACS-certified chemistry graduates.)			(Students completing this degree track will be ASBMB Accredited biochemistry graduates.)		
Writing and Critical Thinking:			Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
WRIT 101 (grade of C- or better is required)	_____	3	BIOL 220, 222	(4)	_____	BIOL 220, 222	(4)	_____
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	MATH 201, 202	(8)	_____	Three courses from BIOL 310, 315, 316, 317, or approved advanced BIOL courses:		
Oral Communication (see approved list; may be met in major with CHEM 552)	_____	3	MAED 200*	(0-1)	_____	(10-12) _____, _____, _____, _____		
_____	_____	0-3	PHYS 211, 212	(8)	_____	MATH 201, 202	(8)	_____
Technology (see approved list; may be met in major)	_____	0-3	CHEM 105, 108	(6)	_____	MAED 200*	(0-1)	_____
_____	_____	0-3	CHEM 301, 302, 304	(8)	_____	PHYS 211, 212	(8)	_____
Intensive Writing (see approved list; may be met by other requirement)	_____	0-3	CHEM 305	(1)	_____	CHEM 105, 108	(6)	_____
_____	_____	0-3	CHEM 312	(1)	_____	CHEM 301, 302, 304	(8)	_____
Constitution Requirement (see approved list; may be met by other requirement)	_____	0-3	CHEM 313, 314	(4)	_____	CHEM 305	(1)	_____
_____	_____	0-3	CHEM 323	(3)	_____	CHEM 312	(1)	_____
Physical Activity (see approved list)	_____	1	CHEM 330	(3)	_____	CHEM 313, 314	(4)	_____
Global Perspectives (see approved list)	_____	3	CHEM 530, 531	(4)	_____	CHEM 323	(3)	_____
_____	_____	3	CHEM 407, 409	(4)	_____	CHEM 407, 409	(4)	_____
Historical Perspectives (see approved list)	_____	3	CHEM 408, 410	(4)	_____	CHEM 491, 492, 493, 494	(0)	_____
_____	_____	3	CHEM 491, 492, 493, 494	(0)	_____	CHEM 495	(1)	_____
Social Science (see approved list; must include 2 designators)	_____	3	CHEM 495	(1)	_____	CHEM 523, 525	(5)	_____
_____	_____	3	CHEM 523, 525	(5)	_____	CHEM 524	(3)	_____
Humanities and Arts (see approved list; must include 2 designators)	_____	3	CHEM 551-552	(6)	_____	CHEM 551-552	(6)	_____
_____	_____	3						
_____	_____	3						
Quantitative Skills (met in major with MATH 201 & 202)	_____	0						
Natural Science (met in major with PHYS 211)	_____	0						
			* Required as a corequisite only if MATH 202 is taken at Winthrop.					
FOREIGN LANGUAGE (3-8 semester hours)			ELECTIVES (0-18 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, HMXP 102, and CRTW 201 with a C- or better by 75 hours.
6. See complete catalog requirements at www.winthrop.edu/recandreg