

**Planning Sheet for MAT5 Admission Requirements**

2014-2015 Catalog

NAME \_\_\_\_\_

ID# \_\_\_\_\_

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

GENERAL EDUCATION REQUIREMENTS		Check	Hrs.	Required Courses (59-60 semester hours)					
ACAD 101 (Required of first-time freshmen only)		_____	0-1	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
<b>Critical Skills</b>				BIOL 203 _____	204 _____	( 4 ) _____	CHEM 312 _____		( 1 ) _____
<b>Writing and Critical Thinking</b>				MATH 201 _____	202 _____	( 8 ) _____	CHEM 313 _____	314 _____	( 4 ) _____
WRIT 101 (A grade of C- or better is required)	_____		3	MAED 200 _____		( 0-1)* _____	CHEM 407 _____	409 _____	( 4 ) _____
CRTW 201 (A grade of C- or better in HMXP 102 is required as a prerequisite)	_____		3	PHYS 211 _____	212 _____	( 8 ) _____	CHEM 408 _____	410 _____	( 4 ) _____
<b>Quantitative Skills</b> (met by major)			0	CSCI 151 _____		( 3 ) _____	CHEM 491 _____	492 _____	( 0 ) _____
<b>Logic/Language/Semiotics</b>				CHEM 105 _____			CHEM 495 _____		( 1 ) _____
Foreign Language (102-level proficiency required)	_____		3-4	106 _____	108 _____	( 8 ) _____	CHEM 493 _____	494 _____	( 0 ) _____
<b>Technology</b> (met in major by CSCI 151)	_____		0	CHEM 301 _____		( 4 ) _____	CHEM 523 _____	525 _____	( 4 ) _____
<b>Oral Communication</b> (see approved list; may be met by another requirement)	_____		0	CHEM 302 _____	304 _____	( 4 ) _____	CHEM 530 _____	531 _____	( 4 ) _____
	_____		0-3	CHEM 305 _____		( 1 ) _____	GEOL 110/113 or 210		( 3-4 ) _____
<b>Skills for Common Experience and Thinking Across Disciplines</b>				* Required as a corequisite only if MATH 202 is taken at Winthrop.					
HMXP 102 (A grade of C- or better in WRIT 101 is required as a prerequisite)	_____		3	<b>SELECT ONE OF FIVE DEGREE TRACKS BELOW:</b>					
<b>Global Perspectives</b> (see approved list)	_____		3	<b>ACS Chemistry Degree Track</b>			<b>ACS Chemistry - Business Degree Track</b>		
<b>Historical Perspectives</b> (see approved list)	_____		3	CHEM 551 _____	552 _____	( 6)** _____	CHEM 551 _____	552 _____	( 6)** _____
	_____		3	<b>Subtotal</b>		<b>6</b>	ECON 215 _____	216 _____	( 6 ) _____
<b>Developing Critical Skills and Applying them to Disciplines</b>				<b>ACS Biochemistry Degree Track</b>			<b>ACS Engineering-Physics</b>		
<b>Natural Science</b> (met by major)	_____		0	BIOL 310 _____	or 315 _____	( 4 ) _____	ACCT 280 _____	281 _____	( 6 ) _____
<b>Social Science</b> (see approved list; must include two designators)	_____		3	CHEM 524 _____		( 3 ) _____	Select two from the following: ( 6 ) _____		
	_____		3	CHEM 551 _____	552 _____	( 6 ) _____	FINC 311 _____		
	_____		0-3*	<b>Subtotal</b>		<b>13</b>	MGMT 321 _____		
<b>Humanities and Arts</b> (see approved list; must include two designators)	_____		3	<b>ACS Forensic Chemistry Degree Track</b>			<b>ACS Engineering-Physics</b>		
	_____		3	CHEM 502 _____	503 _____	( 4 ) _____	MATH 301 _____	305 _____	( 7 ) _____
	_____		0-3*	CHEM 505 _____	506 _____	( 4 ) _____	PHYS 321 _____		( 3 ) _____
	_____		0-3*	CHEM 551 _____	552 _____	( 6)** _____	CHEM 551 _____	552 _____	( 6 ) _____
*A total of 15 hours is required in Social Science/Humanities and Arts.				<b>Subtotal</b>		<b>14</b>	<b>Subtotal</b>		<b>16</b>
<b>Intensive Writing</b> (see approved list; may be met by other requirement)	_____		0-3	** or CHEM 500-level course with 3 laboratory credit hours.					
<b>Constitution Requirement</b> (see approved list; may be met by other requirement)	_____		0-3	<b>Foreign Language Requirement</b> _____ (0-4) _____					
	_____		0-3	<b>ELECTIVES (0-20 semester hours)</b>					
	_____			_____ ( ) _____			_____ ( ) _____		
	_____			_____ ( ) _____			_____ ( ) _____		
	_____			_____ ( ) _____			_____ ( ) _____		
	_____			_____ ( ) _____			_____ ( ) _____		
<b>SUBTOTAL</b>			<b>33-47</b>						

**NOTES**

1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement or in a major and a minor.
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.
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. Complete and pass Praxis II before admission.