



**General Chemistry MAJOR (Fall 2020 Start) 4-YEAR PLAN 2020-2021 CATALOG**

FIRST YEAR				SECOND YEAR				THIRD YEAR				FOURTH YEAR			
FIRST YEAR	FALL	SEMESTER		FIRST YEAR	SPRING	SEMESTER		THIRD YEAR	SPRING	SEMESTER		FOURTH YEAR	SPRING	SEMESTER	
COURSE	#	TITLE	CREDITS	COURSE	#	TITLE	CREDITS	COURSE	#	TITLE	CREDITS	COURSE	#	TITLE	CREDITS
CHEM	121	General Chemistry I	5	CHEM	122	General Chemistry II	5	CHEM	481	Biochemistry I	3	CHEM	360	Principles of Physical Chemistry	4
ENGL	110	College Composition I	3	ENGL	120	College Composition II	3	CHEM	480L*	Biochemistry Lab	2	CHEM	430*	Instrumental Analysis	5
MATH	165	Calculus I	4	BIOL	150	Introduction to Cellular Biology	4	HIST		History Gen Ed	3	SCI	480	Seminar	3
FYE			5	ELECTIVE		Gen Ed Elective	3	HUM		Humanities Gen Ed	3	ELECTIVE		Minor/Concentration Elective	3
<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>15</b>	<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>16</b>
<b>SECOND YEAR</b>				<b>SECOND YEAR</b>				<b>THIRD YEAR</b>				<b>THIRD YEAR</b>			
<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>
CHEM	230	Quantitative Analysis	5	CHEM	342	Organic Chemistry II	5	CHEM	482/440*	Biochemistry II or Organic Spectroscopy	4	CHEM	420	Inorganic Chemistry	3
CHEM	341	Organic Chemistry I	5	PHYS	212	College Physics II	4	CHEM		Humanities Gen Ed	3	SS ELECTIVE		Social Science Gen Ed	3
PHYS	211	College Physics I	4	SCI	240	Research Methods	2	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
ELECTIVE		Gen Ed Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>14</b>	<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>19</b>
<b>THIRD YEAR</b>				<b>THIRD YEAR</b>				<b>FOURTH YEAR</b>				<b>FOURTH YEAR</b>			
<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>
CHEM	481	Biochemistry I	3	CHEM	482/440*	Biochemistry II or Organic Spectroscopy	4	SS ELECTIVE		Social Science Gen Ed	3	CHEM	442*	Medicinal Chemistry	4
CHEM	480L*	Biochemistry Lab	2	CHEM	420	Inorganic Chemistry	3	ELECTIVE		Gen Ed Elective	3	CHEM		Minor/Concentration Elective	3
HIST		History Gen Ed	3	HUM		Humanities Gen Ed	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
HUM		Humanities Gen Ed	3	SS ELECTIVE		Social Science Gen Ed	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>19</b>	<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>16</b>
<b>FOURTH YEAR</b>				<b>FOURTH YEAR</b>				<b>FOURTH YEAR</b>				<b>FOURTH YEAR</b>			
<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>	<b>COURSE</b>	<b>#</b>	<b>TITLE</b>	<b>CREDITS</b>
SS ELECTIVE		Social Science Gen Ed	3	CHEM	360	Principles of Physical Chemistry	4	CHEM	430*	Instrumental Analysis	5	CHEM	442*	Medicinal Chemistry	4
ELECTIVE		Gen Ed Elective	3	CHEM	430*	Instrumental Analysis	5	SCI	480	Seminar	3	CHEM	442*	Medicinal Chemistry	4
ELECTIVE		Minor/Concentration Elective	3	SCI	480	Seminar	3	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
ELECTIVE		Minor/Concentration Elective	3	CHEM	442*	Medicinal Chemistry	4	ELECTIVE		Minor/Concentration Elective	3	ELECTIVE		Minor/Concentration Elective	3
<b>TOTAL CREDITS</b>			<b>12</b>	<b>TOTAL CREDITS</b>			<b>16</b>	<b>TOTAL CREDITS</b>			<b>17</b>	<b>TOTAL CREDITS</b>			<b>16</b>
														<b>Total:</b>	<b>127</b>

All courses subject to change.

10/20/2020

\* these are courses that can be used towards the Chemistry electives