

Semester 1 - Fall					Semester 2 - Spring				
	Credits	Major	Other	GEP		Credits	Major	Other	GEP
ENGL 101 – Fresh Composition	3			CS1	CHEM 202 – Gen Chemistry II	4	x		
MATH 236 – Calculus 1	4	x		CS3	MATH 237 – Calculus II	4	x		
CHEM 201 - Gen Chemistry I <sup>1</sup>	4	x		C	GEP Fine Art	3			A
BIOL 149 – General Biology	4	X		C	GEP Humanities	3			B
ORIE 101 – Intro to High Education	1		x						
Total	<b>16</b>				Total	<b>14</b>			

Semester 3 - Fall					Semester 4 - Spring				
*Fall Only	Credits	Major	Other	GEP	*Spring Only	Credits	Major	Other	GEP
CHEM 311 – Organic Chemistry I	3	x			CHEM 321 – Organic Chemistry II	3	x		
CHEM 312 – Org Chemistry I Lab	1	x			CHEM 322 – Org Chemistry Lab II	1	x		
CHEM 304* – Computational Tech	2	X	TF		CHEM 305* – Research Methods	3	x		
GEP Social Science	3			D	GEP Humanities	3			B
IDIS 150 – FSU Colloquia	3			E	GEP Social Science	3			D
MATH 238 – Calculus III	4	x			General Elective	3		x	
Total	<b>16</b>				Total	<b>16</b>			

Semester 5 - Fall					Semester 6 - Spring				
*Fall Only	Credits	Major	Other	GEP	*Spring Only	Credits	Major	Other	GEP
PHYS 215* or 261* Physics	4	x		E	ENGL 338 or 339 Advanced Comp	3			CS2
CHEM 320* – Quantitative Analytical	4	x			PHYS 216* or 262* – Physics II	4	x		
CHEM 455* – Biochemistry I	3	x			CHEM 421* – Instrument Analysis	4	x		
GEP Identity and Difference	3			F	Chemistry Elective	4	x		
Total	<b>14</b>				Total	<b>15</b>			

Semester 7 - Fall					Semester 8 - Spring				
*Fall Only ^Fall, Even Years	Credits	Major	Other	GEP	*Spring Only	Credits	Major	Other	GEP
CHEM 441* – Physical Chemistry I	3	x			CHEM 442* – Physical Chemistry II	3	x		
CHEM 445* – Physical Chemistry Lab I	1	x			CHEM 446* – Physical Chem Lab II	1	x		
CHEM 491 – Chemistry Seminar	1	x			CHEM 492 – Capstone	1	x		
CHEM 493 – Advanced Chem Research	1	x			CHEM 411 <sup>2</sup> – Inorganic Chemistry	4	x		
General Elective	8		x		General Elective	6		x	
Total	<b>14</b>				Total	<b>15</b>			

<sup>1</sup> The Math Level of the student determines what level of chemistry they are allowed to take.

Math Level 0 Must take DVMT 095 and No Chemistry Courses

Math Level 1 Must take DVMT 100 and CHEM 103 (Foundation of Chemistry) is strongly recommended

Math Level 2 or 3 If the student did not have HS chemistry or  
Did poorly in HS chemistry or  
Feels their chemistry background is weak CHEM 103 is strongly recommended  
Otherwise CHEM 201

Sequence of math courses DVMT 095 → DVMT 100 → MATH 119 → MATH 120 → Math 237

<sup>2</sup> Inorganic Chemistry is offered in the spring of odd years only.

Approved by: **Dr. Robert Larivee, CHEM Dept. 5/21/15**

Total Credits: **120**