## THIS IS A WORKSHEET ONLY AND REPRESENTS THE REQUIREMENTS IN EFFECT AT THE TIME CREATED. MAJOR REQUIREMENTS AND OFFERINGS MAY CHANGE AT THE DISCRETION OF THE DEPARTMENT

Advisor:		Na	me:				
		Catalog: 2009 – 2010					
Minimum graduation credits: 124			nsfer credits:				
Minimum gpa in major: 2.0	OUE	MOTOV					
CHEMISTRY Professional Concentration							
	Professional	Concentrat	1011				
CORE REQUIREMENTS – Min 20 credits at Gordon		COURSES IN MAJOR					
COMMON COURSES (36 credits)							
COR 107 The Great Conversation BCM 101 Old Testament	4 4	CHE 112		4			
BCM 103 New Testament PHI 118 The Examined Life	4	CHE 211	Organic Chemistry I Organic Chemistry II	4			
HIS 121 Historical Perspectives	4		Quantitative Analysis	4			
NSM 202 Scientific Enterprise	4		Instrumental Analysis	4			
BCM 280 Christian Theology	4	CHE 315		4			
FOREIGN LANGUAGE		CHE 316 CHE 391		4			
(First semester language)	4	CHE 391		0			
(Second semester language)	4	CHE 411	Inorganic Chemistry	4			
		CHE 491	Senior Seminar I	1			
PHYSICAL EDUCATION		CHE 492		1			
PED LaVida or Discovery (Concepts of Wellness by petition only)	0	MAT 141 MAT142	Calculus I	4			
PED (PE Activity)	0		Calculus II Calculus III	2			
PED (PE Activity)	0	PHY 121		4			
	<del></del>	PHY 122	Introductory Physics II	4			
THEMATIC COURSES (20 credits) At least one must be fulfilled with an approved literate minimum 3 courses at Gordon.	ure course;		Major Electives (8 credits) (may be fulfilled in Honors tracks, if eligible)				
Natural World	4	CHE 341		4			
Can be fulfilled by MAT141	4	CHE 371	Selected Topics I Selected Topics II	2			
Human Person		CHE 471	Research I	1-4			
	4	CHE 472	Research II	1-4			
Acathotic Consibilities							
Aesthetic Sensibilities	4						
	T						
Civic Responsibility	_			·			
	4		HONORS TRACKS (20 gradita) Optional	,			
Gobal Understanding*		CHF 471	HONORS TRACKS (20 credits) – Optional Research I	4			
	0-4		Research II	4			
*Global Understanding may be fulfilled in a variety of v study abroad, approved missions trips, or appropriate		DLIV 24.4	Physical Sciences Mathematical Methods in Physics I	4			
study abroad, approved missions trips, or appropriate	courses.	PHY 214	Mathematical Methods in Physics I	4			
		'					
			- <u></u>				
ELECTIVES – If required to reach 124 minimimum							
<u> </u>			Life Sciences				
		BIO 321	Molecular Cell Biology	4 _			
		CHE 341	Biochemistry	4			
			(Life Science Elective)	4			
			Individually Designed				
			marridually Designed				
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Advisor:	Name:						
	Catalog: 2009 – 2010						
Minimum graduation credits: 124	Transfer credits:						
Minimum gpa in major:							
CHE	MISTRY						
Health Professions Concentration							
CORE REQUIREMENTS – Min 20 credits at Gordon	COURSES IN MAJOR						
COMMON COURSES (36 credits)	Required:						
COR 107 The Great Conversation 4	CHE 111 Principles of Chemistry I 4						
BCM 101 Old Testament 4	CHE 112 Principles of Chemistry II 4						
BCM 103 New Testament 4	CHE 211 Organic Chemistry I 4						
PHI 118 The Examined Life 4 HIS 121 Historical Perspectives 4	CHE 212 Organic Chemistry II 4						
HIS 121 Historical Perspectives 4	CHE 311 Quantitative Analysis 4						
NSM 202 Sci Enterprise (fulfilled with BIO150 & CHE111) 4	CHE 312 Instrumental Analysis 4						
BCM 280 Christian Theology 4	CHE 315 Physical Chemistry I 4 CHE 316 Physical Chemistry II 4						
FOREIGN LANGUAGE	CHE 316 Physical Chemistry II 4 HLP 200 Health Professions Seminar I 0						
	HLP 201 Health Professions Seminar II 0						
(First semester language)	HLP 300 Health Professions Seminar III 0						
(0000114 0011100101 1411194490)	HLP 301 Health Professions Seminar IV 2						
PHYSICAL EDUCATION	Two of:						
PED LaVida or Discovery 0	MAT 141 Calculus I 4						
(Concepts of Wellness by petition only)	MAT142 Calculus II 4						
PED (PE Activity) 0	MAT 220 Biostatistics 4						
PED (PE Activity) 0	Required:						
THEMATIC COHPORE (00 and disc)	MAT 223 Calculus III 2						
THEMATIC COURSES (20 credits)  At least one must be fulfilled with an approved literature course;	PHY (Introductory or General Physics I) 4 PHY (Introductory or General Physics II) 4						
minimum 3 courses at Gordon.	BIO 150 Biology I: Cells and Genetics 4						
minimum 3 courses at Gordon.	BIO 151 Biology II: Animal Biology 4						
Natural World							
4 <u></u>							
Can be fulfilled by MAT141							
Human Person	Recommended Courses:						
4	BIO 213 Anatomy & Physiology I 4						
Anathodia Ossali IIIdaa	BIO214 Anatomy & Physiology II 4						
Aesthetic Sensibilities	BIO 341 Biochemistry* 4						
4	BIO 312 Animal Physiology 4 BIO 314 Microbiology 4						
Civic Responsibility	BIO 316 Modern Genetics 4						
4	BIO 321 Molecular Cell Biology 4						
	BIO 323 Developmental Biology 4						
Gobal Understanding*	BIO 333 Immunology 4						
0-4	BIO 415 Parasitology 4						
*Global Understanding may be fulfilled in a variety of ways through							
study abroad, approved missions trips, or appropriate courses.							
	*Biochemistry is a required prerequisite for a significant number of						
ELECTIVES – If required to reach 124 minimimum	medical schools.						
•							
<u>WRITING</u>							

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Advisor:	Name:				
	Catalog: <u>2009 – 2010</u>				
Minimum graduation credits: 124 Transfer credits:					
Minimum gpa in major: 2.0					
Po for the LI	_	IISTRY	0		
Professional C	oncentration/N	ıla School,	Second Education		
CORE REQUIREMENTS – Min 20 credits at	Gordon		COURSES IN MAJOR		
COMMON COURSES (36 credits)					
COR 107 The Great Conversation BCM 101 Old Testament	4		Principles of Chemistry I Principles of Chemistry II	4	
BCM 101 Old Testament	4	CHE 112		4	
PHI 118 The Examined Life	4		Organic Chemistry II	4	
HIS 121 Historical Perspectives	4	CHE 311	Quantitative Analysis	4	
NSM 202 Scientific Enterprise	4	CHE 312		4	
BCM 280 Christian Theology	4	CHE 315 CHE 316	•	4	
FOREIGN LANGUAGE		CHE 391	Junior Seminar I	0	
(First semester language)	4	CHE 392		ŏ <u> </u>	
(Second semester language)	4	CHE 341	Biochemistry		
		CHE 491		1	
PHYSICAL EDUCATION	0	CHE 492		1 4	
PED LaVida or Discovery (Concepts of Wellness by petition only)	0	MAT 141 MAT142	Calculus I Calculus II	4	
PED (PE Activity)	0		Calculus III	4	
PED (PE Activity)	0	PHY 121	Introductory Physics I	4	
		PHY 122	Introductory Physics II	4	
THEMATIC COURSES (20 credits)  At least one must be fulfilled with an approved literati	uro courco:		Major Floatives (8 credits)		
minimum 3 courses at Gordon.	ure course,		Major Electives (8 credits) (may be fulfilled in Honors tracks, if eligible	)	
mmumam o oddroco de Gordon.			(may be railined in Floriore tracks, if eligible	,	
Natural World			Selected Topics I	2	
	4		Selected Topics II		
Can be fulfilled by MAT141 Human Person			Research I Research II	1-4 1-4	
	4			' -	
	·				
Aesthetic Sensibilities	4				
	4				
Civic Responsibility					
	4	A	pproved Education Course Electives (12 cr	edits)	
Gobal Understanding*			Optional		
Gobal Understanding	0-4				
	O				
*Global Understanding may be fulfilled in a variety of v					
study abroad, approved missions trips, or appropriate	courses.				
ELECTIVES – If required to reach 124 minimimum					
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