## 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:	Name:							
	Catalog: 2010 – 2011							
Minimum graduation credits: 124								
Minimum gpa in major: 2.0	CHEMISTRY							
Professional Concentration								
	,01011d1							
CORE REQUIREMENTS – Min 20 credits at Gordon		COURSES IN MAJOR						
COMMON COURSES (36 credits)								
COR 107 The Great Conversation 4 _ BCM 101 Old Testament 4		Prin of Chemistry I Prin of Chemistry II	4					
BCM 103 New Testament 4	CHE 211	Organic Chemistry I	4					
PHI 118 The Examined Life 4	CHE 212 CHE 311	Organic Chemistry II	4					
HIS 121 Historical Perspectives 4	CHE 311	Quantitative Analysis	4					
NSM 202 Sci Enterorise (fulfill in major)	L CHF 312	Instrumental Analysis	4					
BCM 308 Christian Theology 4 _		Physical Chemistry I	4					
FOREIGN LANGUAGE		Physical Chemistry II	4					
FOREIGN LANGUAGE	CHE 391	Junior Seminar I Junior Seminar II	0					
(Begin Lang I)	CHE 392 CHE 411		4					
(Dogin Early II)	— CHE 491	,	1					
PHYSICAL EDUCATION		Senior Seminar II	1					
PED LaVida or Discovery 0	MAT 141	Calculus I	4					
(Concepts of Wellness by petition only)	MAT 142	Calculus II	4					
PED (PE Activity)	MAT 223	Calculus III	2					
PED (PE Activity) 0			4					
THEMATIC COURSES (20 credits)	PHY 122	Intro Physics II	4					
At least one must be fulfilled with an approved literature cours	e;	Major Electives (8 credits)						
minimum 3 courses at Gordon.		(may be fulfilled in Honors tracks, if eligible)						
Natural World	CHE 341	Biochemistry	4					
4 <u>_</u>	CHE 371		2					
Can be fulfilled by MAT141		Selected Topics II	2					
Human Person			-4					
4 <u>_</u>	CHE 472	Research II 1	-4					
Acathotic Concibilities								
Aesthetic Sensibilities								
4	_							
Civic Responsibility	<del></del>							
4_								
		HONORS TRACKS (20 credits) - Optional						
Global Understanding*		Research I	4					
0-4	CHE 472	Research II	4					
*Global Understanding may be fulfilled in a variety of ways thro	ugh	Physical Sciences						
study abroad, approved missions trips, or appropriate courses.	PHY 214		4					
abroad, approved missions trips, or appropriate socioses.		Matricination Metricus III Hydioc I						
ELECTIVES – If required to reach 124 minimum								
<del></del>		Life Sciences						
<del></del>	BIO 321	Molecular Cell Biology	4					
<del></del>	—— CHE 341	Biochemistry	4					
<del></del>		(Life Science Elective)	4					
		Individually Designed						
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Advisor:	Name:				
	Catalog: <u>2010 – 2011</u>				
Minimum graduation credits: 124	Transfer credits:				
Minimum gpa in major: 2.0		110	more creatis.	<del></del>	
Willimum gpa in major. 2.0	CHE	MISTRY			
	_	_			
r	lealth Profession	ns Concen	tration		
CORE REQUIREMENTS – Min 20 credits a	t Gordon		COURSES IN MAJO	PR	
COMMON COURSES (36 credits)		Required	:		
COR 107 The Great Conversation	4	CHÉ 111	Prin of Chemistry I	4	
BCM 101 Old Testament	4		Prin of Chemistry II	4	
BCM 103 New Testament	4		Organic Chemistry I	4	
PHI 118 The Examined Life	4 4 4 4		Organic Chemistry II	4	
HIS 121 Historical Perspectives	4	CHE 311	Quantitative Analysis	4	
NSM 202 Sci Enterprise (sub BIO150 & CHE111)	. —		Instrumental Analysis	4	
BCM 308 Christian Theology	4	CHE 315		4	
			Physical Chemistry II	4	
FOREIGN LANGUAGE		HLP 200		0	
(Begin Lang I)	4	HLP 201		0	
(Begin Lang II)	4	HLP 300		0	
DUVOLOAL EDUCATION		HLP 301	Health Professions Sem IV	2	
PHYSICAL EDUCATION	•	Two of:			
PED LaVida or Discovery	0		Calculus I	4	
(Concepts of Wellness by petition only)	•		Calculus II	4	
PED (PE Activity)	0		Biostatistics	4	
PED (PE Activity)	0	Required		0	
THEMATIC COURSES (00 and dita)		MAT 223	Calculus III	2	
THEMATIC COURSES (20 credits)		PHY PHY	(Intro or Gen Physics I)	4	
At least one must be fulfilled with an approved litera minimum 3 courses at Gordon.	ture course;	BIO 150	(Intro or Gen Physics II)	4	
minimum 3 courses at Gordon.		BIO 150		4	
Natural World		BIO 131	BIO II. Aliillai Biology	4	
	4				
Can be fulfilled by MAT141	·				
Human Person		Recomm	ended Courses:		
	4	BIO 213	Anatomy & Physiology I	4	
	·	BIO 214	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	
	' <u></u>	BIO 323	Developmental Biology	4	
Global Understanding*		BIO 333	Immunology	4	
	0-4	BIO 415	Parasitology	4	
*Global Understanding may be fulfilled in a variety of					
study abroad, approved missions trips, or appropriate	courses.				
		*Biochem	istry is a required prerequisite for a	significant number of	
ELECTIVES – If required to reach 124 minimum		medical s	chools.		
WRITING					
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Advisor:	Name:								
	Catalog: 2010 – 2011								
Minimum graduation credits: 124									
Minimum gpa in major: 2.0	CHEM	ICTDV							
CHEMISTRY Professional Concentration/Mid School, Second Education									
i iolessional c	Jonice Intration/iv	ila Scriooi,	, Second Eddcation						
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		Principles of Chemistry I Principles of Chemistry II	4					
BCM 103 New Testament	4	CHF 211	Organic Chemistry I	4					
PHI 118 The Examined Life	4	CHE 212	Organic Chemistry II	4					
HIS 121 Historical Perspectives	4	CHE 311	Quantitative Analysis	4					
NSM 202 Sci Enterprise (sub BIO150 & CHE111)	4	CHE 312		4					
BCM 308 Christian Theology	4	CHE 315		4					
FOREIGN LANGUAGE		CHE 316 CHE 391	Physical Chemistry II Junior Seminar I	0					
(Begin Lang I)	4		Junior Seminar II	0					
(Begin Lang II)	4		Biochemistry	<u>4</u>					
		CHE 491	Senior Seminar I	1					
PHYSICAL EDUCATION			Senior Seminar II	1					
PED LaVida or Discovery	0		Calculus I	4 4					
(Concepts of Wellness by petition only) PED (PE Activity)	0		Calculus II Calculus III	2					
PED (PE Activity)	0		Introductory Physics I	4					
· (· - · · · · · · · · · · · · · · · · ·			Introductory Physics II	4					
THEMATIC COURSES (20 credits)									
At least one must be fulfilled with an approved literat	ure course;		Major Electives (8 credits)	1					
minimum 3 courses at Gordon.			(may be fulfilled in Honors tracks, if eligible	<del>)</del> )					
Natural World		CHF 371	Selected Topics I	2					
	4		Selected Topics II	2					
Can be fulfilled by MAT141			Research I	1-4					
Human Person			Research II	1-4					
	4								
Aesthetic Sensibilities									
	4								
Civic Responsibility		_	151 " 0 51 " 40	\					
	4	Ap	pproved Education Course Electives (12 cr Optional	eaits)					
Global Understanding*			Ориона						
	0-4								
*Global Understanding may be fulfilled in a variety of v	ways through								
study abroad, approved missions trips, or appropriate	courses.								
ELECTIVES – If required to reach 124 minimum									
	<del></del>								
<del></del>	<del></del>								