IRST YEAR all (odd)	Credits	January Session	Crodits	Spring (even)	Credits	
HY 292	4	-	4		4	+
PHY 292D	7	SEO 123 Introduction to the Oredity Critis		& PHY 297	-	\vdash
eneral Physics I and General Physics I Lab				General Physics II and General Physics II Lab		\vdash
IAT 124M1 Calculus 1				GES 130 Christianity Western Culture	4	\pm
BIB 101 Introduction to the Bible	3			GES 140 Introduction to Wellbeing	2	4
	3					4
SES 160 Inquiry Seminar				MAT 125 Calculus 2	4	
	14		4		14	32
ECOND YEAR						L
all (even)		January Session		Spring (odd)	Credits	4
HY 302	4	World Cultures (U) course	3	PHY 312	4	
<u>PHY 303</u>				<u>& PHY 313</u>		L
electronics and Electronics Lab				Modern Physics and Modern Physics Lab		4
COS 205 Scientific Computing	3			PHY 352	4	L
MAT 223 Multivariable Calculus	3			<u>& PHY 353</u>		L
PHY 260 Careers in Engineering and Physics Seminar	1			Computer Methods in Physics and Engineering and Computer Methods in Physics and Engineering Lab		
econd Language (S) course *1	4			MAT 222 Differential Equations	3	1
	in Engineering and Physics Seminar (S) course *1 4 Computer Methods in Physic Computer Methods in Physics MAT 222 Differential Equation Contemporary Western Life 3 Credits January Session Credits Spring (even) 4 Science, Technology, and Society (K) course 3 PHY 365 Physics Research CHE 214	Contemporary Western Life and Thought (L) course	3			
	15		3		14	3
HIRD YEAR						
all (odd)	Credits	January Session	Credits	Spring (even)	Credits	
HY 320 Mathematical Methods in Physics and	4	Science, Technology, and Society (K) course	3	PHY 365 Physics Research Seminar	1	T
CHE 113	4			CHE 214	4	.1
CHE 113D				CHE 215		
General Chemistry I and General Chemistry I Lab				General Chemistry II and General Chemistry II Lab		Т
PHY 400 Electricity and Magnetism	4			PHY 332	4	.1
HE 201 Christian Theology	3			<u>& PHY 333</u>		
				Optics and Optics Lab		
				Comparative Systems (G) course	3	1
				Interpreting Biblical themes (J) course	3	,
	15		3	, , , , , , , , , , , , , , , , , , ,	15	3
OURTH YEAR						ı,
fall (even)	Credits	January Session	Credits	Spring (odd)	Credits	
PHY 440 Quantum Mechanics	4	,	O. Guito	PHY 432	4	+
PHY 340 Mechanics	4			& PHY 433	-	\vdash
Contemporary Christian Issues (P) course	3			Laser Fundamentals		\vdash
Elective	4			PHY 490 Research	4	1
Cross-Cultural Experience (Z) course	0-3			Elective	4	4
Exponence (L) course	- 0 0			Artistic Experience (A) course	0-3	_
	15-18		0		12-15	
otal Credits 124-130	10-10				12-10	4=:
riai Cicuita 124-130						112

This program assumes a student will use MAT 124M and PHY 292/PHY 292D to meet the General Education Mathematics (M) course and Laboratory Science (D) course requirements.

Most financial aid packages stipulate 12 credits/term; Minnesota state grants are reduced when credit load falls below 15 credits/semester. January Session credits are counted as part of Spring Term.

RST YEAR	Credits January Session	Cundito	Spring (even)	Credits
HY 292	4 GES 147 Humanities II: Renaissance and Reform		PHY 296	oreuns 4
PHY 292D	GES 147 Humanities II. Nendissance and Neion	iation 4	& PHY 297	7
neral Physics I and General Physics I Lab			General Physics II and General Physics II Lab	
T 124M1 Calculus 1			GES 244 Humanities III: European Enlightenment and	4
3 101 Introduction to the Bible	4 3		American Culture to 1877	7
ES 145 Humanities I: Greco-Roman through Middle	4		GES 140 Introduction to Wellbeing	2
S 145 Humanities I: Greco-Roman through Middle	4			
			MAT 125 Calculus 2	4
COND YEAR	15	4	!	14 3
COND YEAR	Credits January Session	Credito	Spring (odd)	Credits
Y 302	4 World Cultures (U) course		PHY 312	Credits
PHY 303	4 World Cultures (U) course	3	& PHY 313	4
ctronics and Electronics Lab			Modern Physics and Modern Physics Lab	-
S 246 Humanities IV: Modern and Contemporary	4		PHY 352	4
stern Culture	7		& PHY 353	4
S 205 Scientific Computing				
15 205 Scientific Computing	3		Computer Methods in Physics and Engineering and Computer Methods in Physics and Engineering Lab	
T 223 Multivariable Calculus	3		MAT 222 Differential Equations	3
Y 260 Careers in Engineering and Physics Seminar	1		Second Language (S) course *1	4
1 200 Careers in Engineering and Physics Seminal	15	3		15 3
RD YEAR				.0
I (odd)	Credits January Session	Credits	Spring (even)	Credits
Y 320 Mathematical Methods in Physics and	4 Science, Technology, and Society (K) course		PHY 365 Physics Research Seminar	1
E 113	4		CHF 214	4
CHE 113D			CHE 215	
eneral Chemistry I and General Chemistry I Lab			General Chemistry II and General Chemistry II Lab	
Y 400 Electricity and Magnetism	4		PHY 332	4
			& PHY 333	
			Optics and Optics Lab	
			Comparative Systems (G) course	3
			Interpreting Biblical themes (J) course	3
	12	3		15 3
URTH YEAR				
I (even)	Credits January Session	Credits	Spring (odd)	Credits
Y 440 Quantum Mechanics	4		PHY 432	4
Y 340 Mechanics	4		& PHY 433	
ntemporary Christian Issues (P) course	3		Laser Fundamentals	
ective	3		PHY 490 Research	4
oss-Cultural Experience (Z) course	0-3		Elective	4
			Artistic Experience (A) course	0-3
	14-17	0		12-15
al Credits 122-128				1
Students must complete through the second semester of	a first year language course or equivalent (Check the catalog f	or details of this option.)		