

**2009-2010**  
**Mathematics: Statistics Track**  
**Bachelor of Science**

**LIBERAL ARTS CORE**

LAC 101	Freshman Foundations	<b>3</b>
LAC 102	Christianity & Critical Thinking	<b>3</b>
ENG 110	Effective Writing	<b>3</b>
COM 110	Public Speaking	<b>3</b>
HEA 140	Healthy Lifestyles	<b>3</b>
LAC 200	Global Perspectives	<b>3</b>
@ LAC 204 or 206	Global Perspectives Experience	<b>0</b>

**LIBERAL ARTS ELECTIVES**

**Humanities**

*Choose 1 of the following:* **3**

FRE/SPA 100	Survival Language & Culture	(3)
FRE/SPA 101	Beginning Language & Culture	(3)
GRE/HEB 101	Greek or Hebrew	(3)
COM 213	Interpersonal Communication	(3)
BHS 251	American Multicultural Experience	(3)

**(Refer to the Foreign Language & Culture section of the catalog for information on language placement testing.)**

*Choose 1 of the following:* **3**

ART 100	Art Appreciation	(3)
ART 220	Pottery I	(3)
MUL 100	Music Appreciation	(3)
MUL 102	Music Perspectives	(3)

*Choose 1 of the following:* **3**

LIT 210	Literature of Mankind	(3)
LIT 213	English Literature I	(3)
LIT 214	English Literature II	(3)
LIT 220	American Literature I	(3)
LIT 221	American Literature II	(3)
LIT 324	Christian Classics	(3)
LIT 327	World Literature	(3)
LIT 328	Shakespeare	(3)

**Natural Sciences**

BSC/SCI/CHM/PHY	Physical or Biological Science course	<b>3-4</b>
-----------------	---------------------------------------	------------

**Biblical Studies**

BIB 105	Exploring the Bible	<b>3</b>
BIB 201	Scripture and Interpretation	<b>3</b>
BIB 330	Essential Doctrinal Themes	<b>3</b>

**Social Sciences**

*Choose 1 of the following:* **3**

PSY 110	Introduction to Psychology	(3)
SOC 110	Introduction to Sociology	(3)

*Choose 1 of the following:* **3**

BUS 221	Macroeconomics	(3)
BUS 243	Principles of Management	(3)
BUS 300	Personal Finance	(3)

*Choose 1 of the following:* **3**

Any 100 or 200 level History - U.S./Western/World	(3)	
HIS 320	American Government	(3)
HIS 336	The Wild, Wild West	(3)
HIS 359	Ancient History	(3)
HIS 366	Renaissance and Reformation	(3)
HIS 375	The India of Gandhi	(3)
HIS 376	Britain and the World, Honors	(3)
HIS 440	Selected Topics	(3)

**MAJOR REQUIREMENTS**

**Mathematics Core**

ISM 340	Database	<b>3</b>
MAT 121	Calculus I	<b>3</b>
@ MAT 122	Calculus II	<b>3</b>
@ MAT 223	Calculus III	<b>3</b>
@ MAT 224	Calculus IV	<b>3</b>
@ MAT 313	Linear Algebra	<b>3</b>
@ MAT 422	Time Series & Regression	<b>3</b>
@ MAT 423	Sampling Theory	<b>3</b>
@ MAT 425	Design of Experiments	<b>3</b>
@ MAT 402	Senior Seminar in Mathematics	<b>3</b>
@ MAT 414	Modern Algebra	<b>3</b>
@ MAT 420	Probability Theory	<b>3</b>
@ MAT 421	Statistical Inference	<b>3</b>

*Choose 1 of the following:* **4**

BSC 101/105	Biology I & Lab	(4)
PHY 201/203	Physics I & Lab	(4)

*Choose 1 of the following:* **3-4**

BSC 102/106	Biology II & Lab	(4)
SCI 223	Physical Geography	(3)
SCI 224	Physical Geology	(3)
SCI 236	Introduction to Astronomy	(3)
SCI 244	The Science of Music	(3)
@ PHY 202/204	Physics II & Lab	(4)

**Major Hours: 46-47**

**Minor Required: Yes**

To be eligible for graduation, each student must have a 2.2 GPA in his/her major, and an accumulative GPA of 2.0. It is the student's responsibility to monitor this requirement.

@ Indicates a course with prerequisites.  
Please see catalog for prerequisites.