

MAJOR IN MATHEMATICS
Non-Certification

Student Name _____

Student Number _____

Catalog year: 2004-2005

Address _____

37 credits in math: yes no

2.0 GPA in major: + yes no

Degree: BA BS

Phone _____

Minor _____

Core Requirements: Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 201	5	_____	_____
MTH 202	4	_____	_____
MTH 210	3	_____	_____
MTH 227	3	_____	_____
MTH 310	3	_____	_____
MTH 495*	3	_____	_____

or MTH 496*

*Capstone

Cognate Courses: Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
CS 160 or CS 162	3/4	_____	_____
STA 312	3	_____	_____

And one course from the following:

PHY 230, ECO 342, ECO 480, GEO 440, GEO 470,

STA 314, STA 316, STA 412, SS 300, PSY 300,

BIO 355, BIO 375, CHM 351, HSC 201 or EGR 304

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
_____	_____	_____	_____

Additional Required Mathematics Courses:

Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 203	4	_____	_____
MTH 408	3	_____	_____

One Upper-Level Two-Course Sequence:

Completed

Course sequence selected: (list term & grade under Additional Mathematics Courses)

MTH 310 & MTH 410

MTH 408 & MTH 409

MTH 341 & MTH 431

MTH 300 & MTH 400

MTH 345 & MTH 360

Additional Mathematics Courses:** Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

NOTE: One of the SWS courses must be taken after satisfying ENG 305 requirement.

**Additional courses from the following list, for a total of 37 credits in mathematics 300, 304, 327, 341, 345, 360, 400, 402, 405, 409, 410, 431, 441, 465

Foundation Categories

Arts (one course)	
ART 101	DAN 200
CLA 230	MUS 100
CON 225	MUS 129
CTH 101	PHI 220

Natural Sciences (two courses, one from each category; one must contain a lab)	
Physical Sciences	
CHM 102	ANT 206
GEO 100	BIO 108(11)
GEO 103	HS 100
Life Sciences	
GEO 105	[lab course]
CLA 201	LIB 100
COM 202	PHI 101
ENG 203	PHI 102
ENG 205	RST 331
ENG 212	RST 333

Cultural Designations

World Perspectives Designation (one course)	
AAAWGS 231	ITA 202
ANT 111	JPN 202
ANT 204(6s)	LAS 210
ANT 215(b)	LAT 202
ANT 315(6r)	LIB 335(6r)
ANT 316(14)	MES 201
ANT 340(11)	MUS 218
ANT 346	PHI 210
ANT 360(7)	PLS 281
ANT 370(6)	PLS 282
CHM 115	BIO 109
CHM 201	BIO 120
GEO 111	HS 202
NRM 140	SCI 225
PHY 105	
PHY 201	
PHY 204	

All College Requirements

Basic Skills	
WRT 150	MTH 110
WRT 305 or passing essay exam	

Supplemental Writing Skills (after WRT 150)	
1.)	
2.)	

B.A. Degree Cognate	
3 rd semester proficiency in a foreign language (201 level)	

B.S. Degree Cognate	
1.)	
2.)	
3.)	

Mathematical Sciences (one course)	
CS 160	MTH 201
MTH 122	MTH 221
MTH 123	PHI 103
MTH 125	STA 215
MTH 131	

Social Sciences (two courses from two disciplines)	
ANT 204(w)	PA 270
ANT 220	PLS 102
CI 101	PLS 103
ECO 100	PSY 101
ECO 210	SOC 201
ECO 211	SOC 280(us)
GPY 220	SW 150
GPY 225(w)	WGS 200

U.S. Diversity Designation (one course)	
AAAAMGS 352(18)	MUS 300(20)
ANT 311(20)	SOC 280(ss)
ED 225	SOC 323
LIB 320(13)	SOC 381(20)
LIB 350(11)	SOC 382
LIB 401(20)	SPA 313
MGT 355(11)	US 201(20)
MUS 219	

- Last 30 semester hours must be earned at Grand Valley State.
- Earned 58 credit hours at senior institution.
- Courses numbered below 100 do not apply toward the minimum 120 semester hours needed to graduate.

*select one theme

Thematic Groups

*choose three courses from three different disciplines

Theme	Courses
1 Perspectives from the Outside: Marginality and Difference	BIO 329 ENG 335 HST 376 LIB 350 (us) MGT 355 (us) SOC 250 SOC 385
2 Changing Places: Changing Worlds	ENG 383 GEO 310 HSC 201(h) HST 364 PHY 303
3 Society and the Media	COM 220 COM 372 LIB 373 PLS 340 PSY 349 SOC 366
4 The Human Journey	BIO 103 (us) LIB 314 PHI 340 PSY 364 PSY 377
5 Making War and Peace	CI 405 ENG 384 HST 317 HST 377 LIB 345 PLS 211 PLS 311
6 Revolution and Evolution in the Americas	ANT 355 ANT 360 (w) BIO 310 ENG 385 GEO 350 HIST/LAS 374
7 Gender, Society and Culture	AAAAMGS ANT 370 (w) BIO 335 C/WGGS 320 CLA 320 ECO 350 HST 371 352 (us) LIB 325 LSWGGS 370 PHI 370 SOC/WGGS SOC 379 351(w)
8 Religion	ANT 315 (w) CLA 315 HST 311 HST 342 LIB 335 (w) PHI 302 PHI 310 PLS 330 SOC 357
9 Ethics	BIO 328 BIO 338 COM 438 MGT 340 MGT 438 PHI 325 PLS 338
10 Earth and Environment	ANT 340 (w) BIO 105(6s) ECO 345 ENG 382 GEO 300 GPY 412 LIB 330 NRM 451
11 Freedom and Social Control	BIO 311 CI 335 ENG 392 HST 372 LIB 340 PHI 330 SOC 392
12 The U.S. Civil Rights Movement	AAA 305 ENG 381 HST 316 LIB 320 (us) PLS 307 SOC 333
13 Death and Dying	ANT 316 (w) ENG 386 HS 374 NUR 354 PHI 341 SPA 307 SS 381
14 Global Change: Integration and Fragmentation	CTH 373 ECO 369 GPY 335 HST 386 HTM 302 MGT 466 PLS 315
15 Health, Illness, and Healing	ANT 320 BIO 309 HST 370 PSY 368 SOC 356 SW 322
16 Cities	AAA 315 ECO 435 ECO 436 HST 327 PA 307 SOC 351 SS 324(w)
17 Creativity: Ideas & Innovation	CAP 315 CTH 300 ECO 342 EGR 304 LIB 310 MGT 345 WRT 219
18 Perception	COM 320 HST 320 PHI 440 PHY 307 PSY 361
19 The American Mosaic	ANT 311 (us) HST 315 LIB 401 (us) MUS 300 (us) SOC 381(us) SW 300 US 201(us)
20 Sport and Life	CAP 305 ECO 330 HST 325 PED 315(120-179) PHY 306 STA 345 WRT 381
21 Democracy	ECO 355 HST 318 MTH 330 PHI 335 PLS 306 PLS 339

KEY: (h) = Historical Perspectives (ns) = Natural Sciences (ss) = Social Sciences (t) = Theme (us) = U.S. Diversity (w) = World Perspectives

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