

Suggested course schedule for CGG concentration

1st Year	
1 st Semester.....17	2 nd Semester.....16
MATH 100.....1	CIS 211.....4
MATH 155.....3	CIS 234.....3
CIS 102.....3	GS (Humanities).....3
CIS 104.....3	GS (Humanities).....3
GS (Humanities).....3	GS (Humanities).....3
GS (Life and Physical).....4	
2nd Year	
1 st Semester.....16	2 nd Semester.....17
MATH 254.....4	MATH 207.....4
CIS 314.....4	CIS 321.....4
GS (Social).....6	GS (Social).....3
GS (Phys. Ed.).....2	GS (Social).....3
	GS (Social).....3
3rd Year	
1 st Semester.....15	2 nd Semester.....17
MATH 208.....4	MATH 307.....4
CIS 386.....4	MATH 314 (or 321).....3
GS (Humanities).....4	CIS 302.....3
GS (Humanities).....3	CIS 324.....3
	GS (Life and Physical).....4
4th Year	
1 st Semester.....16	2 nd Semester.....14
CIS 388.....4	CIS 431.....3
CIS 390.....3	CIS 450.....3
CIS 405.....3	Elective.....3
Elective.....3	Elective.....3
Elective.....3	Elective.....2

Total hours required (including free electives).....128

Specific general studies requirement

MATH 155 Discrete Structures.....3

Core requirements.....33

MATH 100 Freshman Seminar.....1

CIS 102 Microcomputer Applications.....	3
CIS 104 Introduction to Computer and Information Sciences.....	3
CIS 211 Computer Language Concepts.....	4
CIS 234 Introduction to Networking.....	3
CIS 314 Advanced Computer Language Concepts.....	4
CIS 321 Data and File Structures.....	4
CIS 386 Computer Organization.....	4
CIS 388 Database Management Systems.....	4
CIS 390 Operating Systems.....	3
Requirements for Computer Graphics and Game design (CGG) concentration.....	41
1. Required mathematics courses.....	17
MATH 207 Calculus I.....	4
MATH 208 Calculus II.....	4
MATH 254 Discrete Mathematics.....	3
MATH 307 Introduction to Linear Algebra.....	3
MATH 321 Probability and Statistics OR	
MATH 314 Statistics.....	3
2. Required CIS courses.....	15
CIS 302 Windows Programming.....	3
CIS 324 Introduction to Artificial Intelligence.....	3
CIS 405 Computer Graphics.....	3
CIS 431 Algorithms and Data Structures.....	3
CIS 450 Game Design and Programming.....	3
3. Required electives.....	9
Any CIS course numbered CIS 300 or above	