Rochester Institute of Technology

Worksheet - B.S./M.S. in Game Design and Development – VIGX | Version 3.0

Name:_____ Entry Semester:_____

SCH	GR	SEM	GD&D Core (41 SCH)
4			IGME-105 Game Dev and Algo Prob Solv I (GE)
4			IGME-106 Game Dev and Algo Prob Solv II (GE)
3			IGME-110 Introduction to Interactive Media
3			IGME-119 2D & 3D Animation & Asset Production
3			IGME-202 Interactive Media Development
3			IGME-209 Data Structures & Algorithms Games/Sim I
3			IGME-219 Advanced Animation & Asset Production
3			IGME-220 Game Design & Development I
3			IGME-230 Website Design & Implementation
3			IGME-236 Interaction, Immersion, & Media Interface
3			IGME-309 Data Structures & Algorithms Games/Sim II
3			IGME-320 Game Design & Development II
3			IGME-330 Rich Media Web Application Dev I

SCH	GR	SEM	Ugrad GD&D Advanced Electives (3 SCH)
3			

SCH	GR	SEM	Free Electives (15 SCH)
3			
3			
3			
3			
3			

SCH	GR	SEM	Graduate Core (9 SCH)
3			IGME-601 Game Development Processes
3			IGME-602 Game Design
3			IGME-603 Gameplay and Prototyping

SCH	GR	SEM	Graduate GD&D Advanced Electives (15 SCH)
3			
3			
3			U/G
3			U/G
3			U/G

SCH	GR	SEM	Graduate Seminars, Themes, & Persp (3 SCH)
1			IGME-695F Colloquium in GDD
1			IGME-695S Colloquium in GDD
1			IGME-795 Game Industry Themes & Persp

SCH	GR	SEM	Capstone (6 SCH)
3			IGME-788 Capstone Design
3			IGME-789 Capstone Development

SCH	GR	SEM	Math & Science (14 SCH)*
4			Discrete Mathematics (MATH-131)
3			Math for Games & Simulations I (MATH-185)
3			Math for Games & Simulations II (MATH-186)
4			College Physics I (PHYS-111)

SCH	GR	SEM	First Year Foundation (6 SCH)
3			Seminar (FYEP-XXX)
3			First Year Intensive writing (ENGL_XXX)

SCH	GR	SEM	Arts & Sciences Perspectives (15 SCH)
3			
3			
3			
3			
3			

SCH	GR	SEM	Arts & Sciences Concentration (9 SCH)
3			
3			
3			

SCH	GR	SEM	University Arts and Sciences Electives (12 SCH)
3			
3			
3			
3			

SCH	GR	SEM	Wellness Activity (0 SCH)
0			
0			

SCH	GR	SEM	Co-op (0 SCH)
0			IGME-499 IGM Co-op (Fall or Spring Semester)
0			IGME-499 IGM Co-op (Summer Semester)

CREDIT SUMMARY	***Program***	***GenEd***	***Total***	***INITIAL***
GD&D Core	33	8	41	
Ugrad GD&D Advanced Electives	3	0	6	
Free Electives	15	0	15	
Math and Science	0	14	14	
First Year Foundation	0	6	6	
Arts and Sciences Perspectives	0	15	15	
Arts and Sciences Concentration	0	9	9	
University Arts and Sciences Electives	0	12	12	
Graduate Core	9	0	9	
Graduate GD&D Advanced Electives	15	0	9	
Graduate Seminars, Themes, Persp	3	0	3	
Graduate Capstone	6	0	6	
Co-op /Wellness	0	0	0	
TOTAL	***84***	***64***	***148***	

Credit Evaluation:(Print & sign)	***Date:***
Certified by: (Print & sign)	***Date:***

ARTS & SCIENCES PERSPECTIVES:

MATHEMATICAL, SCIENCTIFIC, & TECHNOLOGY LITERACY

Choose from the following choices:

- Cultural Anthropology
- Principles of Microeconomics
- American Politics
- Intro to International Relations
- Introduction to Psychology
- Foundations of Sociology

?

Choose from the following choices:

- Literary and Cultural Studies
- Fine Arts
- History
- Science, Technology, and Society
- Philosophy

?

Choose from the following choices:

- Writing & Research seminar
- Shakespeare on Stage
- AE: STS Classics
- Ritual and Performance
- Politics through Film
- Public Speaking

UNIVERSITY ARTS & SCIENCES ELECTIVES:

Courses not on this list must be preapproved to meet this requirement

ENGL-XXX
Written Argument
Technical Writing
Science Writing

COMM-XXX
Effective Technical Writing
Interpersonal Communications
Organizational Communications
Ethics in Technical Communications
Human Communication
Persuasion
Mass Communication
Small Group Communication
Public Speaking

TCOM-XXX
Interpersonal Communication Skills
Professional Presentation
Communicating in Business
Technical Report Writing
Report Writing *(2 credits)*
Technical Writing and Editing
Strategic Communications *(2 credits)*
International Communication *(2 credits)*
Writing for the Sciences

Modern Language*

American Sign Language (MLAS-XXX)
Beginning Arabic I (MLAR-XXX)
Beginning Chinese I (MLCH-XXX)
Beginning French I (MLFR-XXX)
Beginning German I (MLGR-XXX)
Beginning Japanese I (MLJP-XXX)
Beginning Italian I (MLIT-XXX)
Beginning Portuguese I (MLPO-XXX)
Beginning Russian I (MLRU-XXX)
Beginning Spanish I (MLSP-XXX)

Concentrations/Minors

There are multiple options for you to consider and you should discuss these with your advisor. For more information, including options, course offerings and how to declare a concentration/minor, please go to the Liberal Arts Student Services website and click on the student services/advising tab.

MATH & SCIENCE:

Students in Game Design & Development are required to take Physics as their Lab Science.

REQUIRED:
College Physics I (PHYS-111)

***For students that have satisfied the Physics requirement** and are pursuing additional lab science electives, the following courses can be used:*

BIOM-XXX
Human Biology I
Human Biology II
Human Biology III
Field Biology for Non-Science Students (BIOF-XXX)
Concepts of Environmental Science I (ENVS-XXX)

CHMG-XXX
Fundamentals of General Chemistry
Fundamentals of Organic Chemistry
Fundamentals of Chemistry

PHYS-XXX
College Physics II
Exploration in Physics
Stellar Astronomy
Solar System Astronomy

MEDS-XXX
Medical Lab Procedures
Human Diseases

IMGS-XXX
Imaging Science Fundamentals
Fundamentals of Astronomical Imaging

ITDS-XXX
Frontiers of Science I
Frontiers of Science II

Guidelines for Completion of a Program of Study:

This worksheet is sent to you when you are accepted into the MS program in Game Design and Development (MS/GDD). To earn the MS degree, you must complete degree requirements shown on the front of this page. Contact the Graduate Coordinator periodically to review your progress and to receive an updated copy. If you lose your worksheet, the Student Services Office can give you a current copy.

Matriculation:

When a student is accepted into the MS/GDD program and registers for courses, the student is "matriculated" in this program of study and his/her academic status at RIT is "active." The RIT program code for this program is VIGG.

Good Academic Standing:

All courses taken after matriculating into an MS program at RIT are counted towards your graduate grade-point average (GPA). To be in good academic standing, a graduate student at RIT must maintain a cumulative GPA of 3.0 or better throughout a program of study. RIT institute policy states that "'D' or 'F' grades do not count toward the fulfillment of program requirements for a graduate degree." However, they are calculated into your graduate GPA. A GPA of 3.0 or higher is required to graduate.

Inactive Status:

If you have no registration activity two (2) consecutive semesters during your program of study, withdraw, or graduate, your academic status at RIT will become "inactive."

De-Matriculated Status:

After two (2) consecutive semesters without registration activity, the RIT Registrar will change your status to "de-matriculated", which means that you are no longer a student in the MS/GDD program. To return to matriculated status, you may need to reapply to RIT. If more than a year has elapsed since you were matriculated, your program of study will be reviewed; should the degree plan have changed, you may have to complete the degree requirements currently in effect to obtain the degree. This could mean loss of waivers and transfer credit as well as doing additional coursework for readmission or degree completion. Contact the Graduate Coordinator for assistance.

Course Waivers:

On rare occasions, a course may be waived due to prior academic study or employment experience. If you have background relevant to the program requirements, consult the Graduate Coordinator to ensure that your plan of study completes the total number of credits required for the degree. This is does not apply to prerequisite courses.

7-Year Rule:

RIT requires that all courses applied toward a MS degree must be completed within a seven (7) year time span.

Team Based Capstone:

In addition to the individual components of the MS GDD Capstone experience, there is also a team-development component, which is comprised of a cohort of students in the IGME-788 and IGME-789 coursework. Every effort must be made by the student to complete their capstone experience in concert with their cohort. Failure to complete the capstone with the group may result in the necessity of being delayed an additional year, or until a new, relevant project is available such that the group component of the experience can be assured.

→ Your 7-year deadline is: _20___ __ the end of _____ semester _____
(Fall or spring: choose one)

Student Signature: _____ Date: ____/____/____