

Area of Specialization: Modeling and Simulations

Modeling and Simulations Specialization = 15 hours of core + required electives
 15 hours of "free" electives
 30 Hours Total for Degree

Must earn grades of "B" or higher in **all** courses that count in Area of Specialization. Must earn a minimum 3.0 overall GPA to graduate. Only letter grade coursework will count.

SECTION 1 - Demographics

Name: _____

GT ID: _____

GA Tech Email: _____

Date: _____

SECTION 2 – Modeling and Simulations Core (6 hours)

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CSE 6730	Modeling and Simulation: Foundations and Implementation			

And pick one (1) of:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CSE 6220	High Performance Computing			
	ISYE 6644	Simulation			
	MATH 6640	Introduction to Numerical Methods for Partial Differential Equations			

Transfer Credit/ Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

SECTION 3 – Modeling and Simulations Required Electives (9 hours)

Pick three (3) of:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CSE 6220	High Performance Computing			
	CSE 6236	Parallel and Distributed Simulation			
	CSE/CHEM 8803	Special Topics: Quantum Information, Computation, and Simulation			
	INTA 6742	Modeling, Simulation and Military Gaming			
	ISYE 6644	Simulation			
	MATH 6640	Introduction to Numerical Methods for Partial Differential Equations			

Transfer Credit/ Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

SECTION 4 – “Free” Electives (15 hours) “Free” Electives are any remaining letter grade courses not used above and within program rules

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

Transfer Credit/ Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

This section to be completed by MSCS Advisor

S-GPA: _____ C-GPA: _____

Notes:

Advisor

Sign _____

Date _____