



Doctor of Philosophy Plan of Study Engineering and Applied Science

Student ID Number _____ Date Entered Program _____

Student Name: _____
(last) (first) (middle)

Address (home): _____

City _____ State _____ Zip _____

Phone: (____) _____ Email _____

Research Advisor: _____

Curriculum Option: **Computer Science and Information Systems (CSIS)**

24 CHs of Advanced Standing and/or 6 CHs of transfer credit are allowed. (Attach UMassD approval forms.)

Required 15 credits (minimum amount) of core courses in the CSIS option

Course No.	Course title	Institution	Term/Year	Reqd/Elective	Grade	Credit/Hours
EAS 501	Advanced Mathematical Methods			R		3
EAS 502	Computational Methods			R		3
CIS 580	Paradigmatic Software Development			R		
CIS 560 or ECE 565	Theoretical Computer Science <i>or</i> Computer Operating Systems			R		3
CIS 570 or ECE 562	Advanced Computer Systems <i>or</i> Advanced Computer Architecture			R		3

Average GPA in the CSIS core courses: _____

Required 30 credits (maximum amount) for doctoral research

Course No.	Course title	Institution	Term/Year	Reqd/Elective	Grade	Credit/Hours
EAS 601	Doctoral Dissertation Research	UMassD		R		
EAS 600	Dissertation Proposal Preparation	UMassD		R		3
EAS 701	Doctoral Dissertation Research	UMassD		R		

*15 credits (maximum amount) of EAS 601 are allowed.

Required enrollments in EAS graduate seminar courses (full-time Ph.D. students only, 3 credits)

Course No.	Course title	Institution	Term/Year	Reqd/Elective	Grade	Credit/Hours
EAS 602	Research Ethics	UMassD		R		1
EAS 700	Doctoral Seminar	UMassD		R		2

CIS/ECE 500–600-level Graduate Electives (4 courses, 12 credits)

Course No.	Course title	Institution	Term/Year	Reqd/Elective	Grade	Credit/Hours
				E		
				E		
				E		
				E		

CEN/MNE/MTH/MTX/PHY 500–600-level Graduate Electives (Minor, 2 courses, 6 credits)

Course No.	Course title	Institution	Term/Year	Reqd/Elective	Grade	Credit/Hours
				E		
				E		

Total number of credits for this degree expected by graduation (66 min.): _____
 (Graduate Course hours plus Research and Dissertation hours)

Examinations for Ph.D. Degree: Date Examination Committee, Chair and Result

Date	Examination	Committee Chair	Result
	<i>Qualifying Examination</i>		Pass Fail Waived
	<i>Comprehensive Examination</i>		Pass Fail
	<i>Dissertation Defense</i>		Pass Fail

*Qualifying Exam (QE) Waiver: If a candidate has an average GPA ≥ 3.5 in the CSIS core courses, the QE is waived.

Tentative Dissertation Title _____

Approvals	Signature	Date
<i>Student</i>		
<i>Advisor</i>		
<i>Graduate Program Director</i>		
<i>College Dean</i>		
<i>Graduate Studies Office</i>		

Instructions: The "Plan of Study" consists of the list of courses to be completed by the student in partial fulfillment of the Ph.D. degree requirements. This form should be completed by the student and approved by the student's research/academic advisor within the first year after entering the PhD program. The advisor should forward the completed form to *EAS Program Assistant or Program Director* who will coordinate the remaining approvals. A copy of this form will be kept on file and can be updated at any time.