

My Schedule for Earning a Ph.D. in Computer Science

Chuck Cartledge

January 2, 2012
(Rev. 11)

1 Ph.D. Related Classes and Major Events

I have drawn up a POAM to completing receiving a Ph.D. by the end of 2010. Table 1 (page 2) lays out the plan.

2 Thesis statement

*Can web objects (WO) be constructed to outlive the people and institutions that created them?
Can we leverage aspects of naturally occurring networks and group behavior for preservation?*

These are the koans that are at the root of our efforts.

We will build an argument by shifting the archival preservation perspective from archive-centric to data-centric. WOs will act in an autonomous manner after they have been created, but may be guided by human actions and interventions.

3 CS Related Classes Prior to Ph.D. Course Work

I have listed my ODU CS related course work in Table 2 (page 3).

Semester	Course number	Course title	Instructor	Completed (Yes/No)	Σ Class Credits	Σ Diss. Credits
Fall 2007	CS-852	Wireless Communications and Mobile Computing	Dr. Olariu	Yes	3	
Spring 2008	CS-690	Colloquium	Various	Yes	4	
	CS-875	Distributed Systems	Dr. Mukkamala	Yes	7	
	CS-891	Graduate Seminar — Web Syndication Formats	Dr. Nelson	Yes	10	
Summer 2008	CS-697	Independent Study	Dr. Nelson	Yes	13	
Fall 2008	CS-690	Colloquium	Various	No	14	
	CS-872	Network Security	Dr. Wahab	Yes	17	
	CS-891	Graduate Seminar	Dr. Nelson	Yes	20	
Spring 2009	CS-595	Web Server Development	Dr. Nelson	Yes	23	
	CS-891	Graduate Seminar — Collective Intelligence	Dr. Nelson	Yes	26	
Summer 2009	CS-891	Graduate Seminar	Dr. Nelson	Yes	29	3
	CS-899	Dissertation Research	Dr. Nelson	Yes		

Continued on next page

Table 1 – continued from previous page

Semester	Course number	Course title	Instructor	Completed (Yes/No)	Σ Class Credits	Σ Diss. Credits
Fall 2009	CS-899	Doctoral Dissertation	Dr. Nelson	Yes	32	9
	CS-896	Topics in Computer Science	Dr. Nelson	Yes		
Spring 2010	CS-899	Doctoral Dissertation	Dr. Nelson	Yes		15
Summer 2010	CS-899	Doctoral Dissertation	Dr. Nelson	Yes	35	18
	CS-891	Topics in Computer Science	Dr. Nelson	Yes		
Fall 2010	CS-899	Doctoral Dissertation	Dr. Nelson	Yes	38	24
	CS-895	Topics in Computer Science — Time on the Web	Dr. Nelson	Yes		
Spring 2011	CS-899	Doctoral Dissertation	Dr. Nelson	Yes		30
Summer 2011	CS-891	Graduate Seminar	Dr. Nelson	Yes	41	33
	CS-899	Doctoral Dissertation	Dr. Nelson	Yes		
Fall 2011	CS-899	Doctoral Dissertation	Dr. Nelson	Yes	44	39
	CS-895	Topics in Computer Science — Information Retrieval	Dr. Nelson	Yes		
	Cadidacy Exam			Yes		
Spring 2012	CS-899	Doctoral Dissertation	Dr. Nelson		47	45
	CS-896	Topics in Computer Science	Dr. Nelson			
Summer 2012	CS-891	Graduate Seminar	Dr. Nelson		50	48
	CS-899	Doctoral Dissertation	Dr. Nelson			
Fall 2012	CS-899	Doctoral Dissertation	Dr. Nelson			54
	Doctoral Defense					

Table 1: **A timeline showing courses, instructors and current completion status designed to meet the Ph.D degree requirements.** Specifically, to accumulate at least 27 credit hours of class work and 24 credit hours of dissertation research.

Semester	Course number	Course title	Instructor
Spring 1982	CS-220	Assembly Language Programming	Dr. Wilson
	CS-456	Data Base System Design	Unk.
Fall 1982	CS-361	Data Structures	Unk.
	CS-566	Micro Processor and Micro Computing	Unk.
Spring 1983	CS-306	Ada Programming	Unk.
	CS-576	System Programming Design	Unk.
	CS-582	Mini Computer Systems	Unk.
Summer 1983	CS-560	Computer Graphics	Unk.
Fall 1983	CS-580	Artificial Intelligence	Unk.
	CS-871	Operating System Design	Unk.
Spring 1984	CS-600	Design and Implementation of Programming Languages	Unk.
	CS-893	Data Bases	Unk.
Fall 1984	CS-555	Data Communication Systems	Unk.
	CS-696	Master's Seminar	Unk.
Spring 1985	CS-303	Lisp Programming	Unk.
	CS-550	Data Base Concepts	Unk.
Fall 1994	CS-595	Topics Computer and Information Super Highway	Unk.
Spring 1995	CS-512	Object-Oriented Programming and Reuse	Mr. Price
Fall 1995	CS-576	System Program Design	Unk.
Spring 1998	CS-555	Introduction to Networks and Communications	Unk.
	CS-665	Computer Architecture	Unk.
Fall 1998	CS-600	Algorithms and Data Structures	Dr. Toida
	CS-795	Advanced Internet Database Issues	Unk.
Spring 1999	CS-690	Colloquium	Various
	CS-698	Master's Project	Dr. Wahab
	CS-778	Networked Multimedia Systems	Dr. Wahab
Fall 1999	CS-635	Parallel Computer Architecture	Dr. Pothen
	CS-775	Distributed Systems	Dr. Mukkamala
Spring 2003	CS-550	Database Concepts	Dr. Levinstein
	CS-600	Algorithms and Data Structures	Dr. Olariu
Summer 2003	CS-699	Thesis Research	Dr. Grosch
Fall 2003	CS-699	Thesis Research	Dr. Grosch
Spring 2004	CS-891	Digital Preservation	Dr. Nelson
Fall 2006	CS-851	Introduction to Digital Libraries	Dr. Nelson
Spring 2007	CS-891	Technologies of Google	Dr. Nelson

Table 2: A timeline showing courses and instructors of CS classes taken at ODU.

4 Revision History

1. May 5, 2008 — Original
2. May 27, 2008 — Minor editorial corrections, update of completion status column in Table 1, updated list of completed courses in Table 2.
3. August 29, 2008 — Updated list of completed courses in Table 2, added a revision history section.
4. December 16, 2008 — Updated list of completed courses in Table 1, removed Ph.D related courses from Table 2 because the information was already included in Table 1, and minor editorial corrections.
5. June 11, 2009 — Updated list of completed course in Table 1. and added PhD thesis statement.

6. September 5, 2009 — Updated list of completed courses in Table 1.
7. January 5, 2010 — Updated list of completed courses in Table 1.
8. May 10, 2010 — Updated list of completed courses in Table 1.
9. September 10, 2010 — Updated list of completed courses in Table 1.
10. November 2, 2011 — Updated list of completed courses in Table 1.
11. January 2, 2012 — Updated list of completed courses in Table 1.