Master of Science in Computer Science

Program Modification

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Agenda

• Background
• 789 Computer Science MS Project Colloquium
• Changes
• Questions/Comments
Recap

• The CS MS program for semester was approved 2012
• Dean pointed out the low graduation rate
CS MS Graduation Rate

- 55% graduation rate
- Close to 100% employment rate
- 95% have could have graduated
  - Credit hours
  - GPA

Conclusion
- Project in term boundaries
Hi Prof,

How's everything there? I heard from a junior that you gave my reference for someone who came back to complete the project :D.. felt so nice to hear that from him haha :)

But I have to say it was your frequent advises that drove to make that decision. I remember you mentioning importance of jobs over projects, how future green card applications are difficult.. and how the number of people graduating is reducing!!

All these made me realize that working before graduating is not worth enough .. let's just give it 100% and finish it once and for all.

So Thank you for that :)
Thesis/Project Process - Past

- Student contacts project/thesis advisor
- They agree on a topic
- Student writes proposal, after approval
- Registers for the project at any time
- Submits report, after approval
- Defends at any time during the quarter
Semester Version Was
MS in CS Semester Version Was

• Required
  – Algorithms (3qch)
  – Graduate Research Seminar (3qch) or Graduate Professional Seminar (3qch)
  – Capstone
    • Computer Science MS Thesis (6sch) or Computer Science MS Project (3sch)
Cluster 1
- Elective
- Elective
- Elective

Cluster ...

Cluster n
- Elective
- Elective
- Elective

Required Course
- Elective Course
- Cluster Course

Bridge
- Foundations of Algorithms
  - Graduate Research Seminar or Graduate Professional Seminar

3

{ 
- Advanced Java
- Advanced C++
- FCT

- Elective
- Elective
- Elective

- Thesis

- Project

- Elective
- Elective
- Elective

- Graduate Research Seminar or Graduate Professional Seminar

Semester Version Is
Proposed MS in CS Semester Version

• Required
  – Algorithms (3qch)
  – Graduate Research Seminar (3qch) or Graduate Professional Seminar (3qch)

• Capstone
  – Computer Science MS Thesis (6sch) or Computer Science MS Project (3sch)

Electives
Thesis Path

• Register for Graduate Research Seminar as soon as you can
• No other change
Project Path: Dividing Line

• If you have registered for a project before end of summer quarter 20124 (August/2/2013) your project path has not changed
• Else, the project path for you is different
• And the next slides apply to you
## Process

<table>
<thead>
<tr>
<th>Week</th>
<th>Colloquium Course</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1</td>
<td>Register</td>
<td>Read Capstone Description</td>
</tr>
<tr>
<td>15</td>
<td>Poster Session</td>
<td>Grades will be Assigned</td>
</tr>
</tbody>
</table>

**Finals**
Project Path Philosophy

• Register like you would register for Algorithm
• Grade will be assigned during finals, like for any other course
• You can withdraw
• Like for Algorithm: D & F’s are not good
Terms

• Student: The person who needs to complete a capstone project
• Faculty Advisor: The faculty person who defined the project and meets/guides the student
• Faculty Instructor: The faculty person who teaches the colloquium course.
Student’s Responsibility

• Reading the provided project descriptions before the term starts (wiki.cs.rit.edu)
• Discussing the project with the advisors approval before term starts
• Selecting a specific topic with advisors approval
• Registering for the project and the CS MS Project Colloquium course
Project

• Project scope and content defined by faculty, or
• You can propose a topic to a faculty member

• Milestones defined for
  – Week: 4/8/12
  – Finals week

• Graded items
  – Each milestone
  – Final report
Colloquium

• Meets 2 hours/week
• 16 students per section
• Weekly presentation
  – graded
• Poster session graded
Grading of Project - I

• All individual graded items must receive a grade of C or better
  – Each individual project milestone
  – Final report
  – Poster
  – CS MS Project Colloquium course
Grading of Project - II

• 36% for milestones (12% for each)
• 24% for final report
• 10% for poster
• 30% for course
Recap

• If you have are registered for a project before end of summer quarter 20124 (August/2/2013) your project path has not changed
• Else, the project path for you is different
• And the next slides apply to you
Comments/Questions