Computer Science MS/MCS
iPOS Information Session

Fall 2017
Interactive Plan of Study (iPOS)

The Plan of Study (iPOS) functions as a contract between the student, the academic unit, and the Graduate College.

- iPOS Help Page
- All Master’s students must submit their iPOS in their first semester
  - Fall 2017 deadline: November 1st, 2017
iPOS Submission

Access your iPOS through MyASU

Select degree requirements and anticipated graduation term.

- Questions concerning program requirements should be directed to your academic unit and/or advisor.
- Questions concerning technical issues with the Interactive Plan of Study (iPOS) may be emailed to iPos@asu.edu.
iPOS Submission

Graduate Plan of Study

Select ASU Courses

This step allows you to select courses from your ASU transcript to add to your POS. You may also add courses that you plan to complete in future semesters, in the ASU course catalog.

Please select one of the links below to continue; afterward, you will return automatically to this page.

Transcript: Select courses from my transcript

Future: Select future courses

Save and Continue

Transcript: All courses taken, currently taking, or registered in

Future: Courses you plan to take in a future semester
iPOS Submission

Graduate Plan of Study

Plan of Study Advisor/Committee

Please select your Plan of Study/faculty advisor or designate your complete committee.

Enter the last name of your advisor below or you may designate your committee by entering each person; you can enter the first letter of the person’s first name to narrow your search results.

Click the Search button to proceed.

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
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Search

MS: Thesis Faculty Chair

MCS: Dr. Chitta Baral, Program Chair
Completed iPOS

Graduate Plan of Study

General

Degree Plan  Computer Science (MCS)
Admitted  2017 Fall
Graduation Deadline  2023 Summer
Minimum Hours  30.00
Required
Total Hours on POS  33.00
Current POS GPA
Overall Graduate GPA
Program of Study Status  POS Approved

Degree Requirements

30 credit hours and a portfolio
Graduate Portfolio  Incomplete

Advisor/Committee

Baral, Chitta  Chair  Professor
Sch Compt Info & Dec Sys Engr

ASU and Transfer Courses

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Error</th>
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</thead>
<tbody>
<tr>
<td>2017 Fall</td>
<td>CSE 515</td>
<td>Multimedia and Web Databases</td>
<td>3.00</td>
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<tr>
<td>2017 Fall</td>
<td>CSE 551</td>
<td>Foundations of Algorithms</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2017 Fall</td>
<td>CSE 539</td>
<td>Applied Cryptography</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2018 Spring</td>
<td>CSE 520</td>
<td>Computer Architecture II</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2018 Spring</td>
<td>CSE 545</td>
<td>Software Security</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Spring</td>
<td>CSE 535</td>
<td>Mobile Computing</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Summer</td>
<td>CSE 584</td>
<td>Internship: CPT Internship</td>
<td>1.00</td>
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</tr>
<tr>
<td>2018 Fall</td>
<td>CSE 512</td>
<td>Distributed Database Systems</td>
<td>3.00</td>
<td></td>
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</tr>
<tr>
<td>2018 Fall</td>
<td>CSE 572</td>
<td>Data Mining</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Fall</td>
<td>CSE 575</td>
<td>Statistical Machine Learning</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2018 Fall</td>
<td>CSE 584</td>
<td>Internship: CPT Internship</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019 Spring</td>
<td>CSE 586</td>
<td>Software Proj/Process/Qual Mgt</td>
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<tr>
<td>2019 Spring</td>
<td>CSE 584</td>
<td>Internship: CPT Internship</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours  33.00
Please Note:

- Your Degree Certificate is **required** to be on file with Graduate Admissions before your initial iPOS can be submitted and approved.

Graduate Admissions: Please provide the official document that includes the bachelor's degree and the date the degree was awarded/conferred.

For additional information you may call Graduate Admission Services at 480.965.6113 or see this website.
iPOS Course Change

Graduate Plan of Study

Update: remove courses you did not take or change the term (i.e. from Spring to Fall)
Add: actual courses taken (from transcript) or courses planned in the future

The number of credits removed should be equivalent to the number of credits added.

All degree requirements must still be met.
Computer Science

30 Credit Hours

MS THESIS OPTION

- 3 Area Courses: Foundations, Systems, Applications (1 course in each area with “B” grade or better, NO 4XX/598 Courses) (9 credit hrs.)
- 5 additional CSE courses (15 credit hrs.)
  - 9 hrs. in research topic
- 6 hrs. Thesis (CSE 599)

Optional:
- 1 elective outside CSE with approval
- 6 credit hours of Reading and Conference (CSE 590)

MCS NON-THESIS OPTION

- 3 Area Courses: Foundations, Systems, Applications (1 course in each area with “B” grade or better, NO 4XX/598 Courses) (9 credit hrs.)
- 7 additional CSE courses (21 credit hrs.)
- Portfolio Project

Optional:
- 2 electives outside CSE with approval
- No Reading and Conference (CSE 590) is allowed

- A maximum of 6 credit hours of 400-level courses from the approved list
- A maximum of 12 credit hours of cross listed courses (CSE 4XX/598)
- A maximum of 12 credit hours can be combined cross listed courses and 400-level courses
  *If a 400-level course is cross listed with a 500 level course, students will be required to enroll in the 500 level.
Arts, Media, and Engineering Concentration (MS)

- 9 credit hours from each of the areas*:
  Foundations, Systems, Applications
- 6 credit hours of CSE courses**
- 9 credit hours of AME courses
- 4 credit hours of CSE 599 – Thesis
- 2 credit hours of AME 599 - Thesis

**MAX two 598 Courses

**Can include: 6 credit hours of Reading and Conference (CSE 590)

*1 course in each area with “B” grade or better
Information Assurance Concentration - MS

- 9 credit hours from each of the areas*: Foundations, Systems**, Applications**
  **Students in this concentration must take CSE 539 Applied Cryptography*** as either their Systems or Applications course.

- Concentration Courses (9 credits)
  Students must take the following 9 credits of coursework:
  - CSE 543: Information Assurance and Security (3)
  - CSE 545: Software Security (3)
  - CSE 548: Advanced Computer Network Security (3)***

- 6 credit hours of CSE electives
  - Can include: 6 credit hours of Reading and Conference (CSE 590)

- 6 credit hours of thesis

*1 course in each area with “B” grade or better

***CSE 539 must be taken before, or concurrently with, CSE 548.
Information Assurance Concentration - MCS

• 9 credit hours from each of the areas*: Foundations, Systems, Applications

• Concentration Courses (15 credits)

Students must take the following 12 credits of coursework:

- CSE 539: Applied Cryptography (3)**
- CSE 543: Information Assurance and Security (3)
- CSE 545: Software Security (3)
- CSE 548: Advanced Computer Network Security (3)**

Students must choose one of the following courses:
- CSE 466/598: Computer Systems Security (3)
- CSE 467/598: Data and Information Security (3)
- CSE 469/598: Computer and Network Forensics (3)
- CSE 531: Distributed and Multi-Processor Operating Systems (3)
- CSE 534: Advanced Computer Networks (3)
- CSE 565: Software Verification, Validation, and Testing (3)

• 6 credit hours of electives

*1 course in each area with “B” grade or better

**CSE 539 must be taken before, or concurrently with, CSE 548.
Big Data Systems Concentration (MS/MCS)

- 9 credit hours from each of the areas*:
  Foundations, Systems, Applications
- Concentration Courses (15 credits)
  Required Courses (9 credit hours)
    CSE 510 Database Management System Implementation (3)
    CSE 512 Distributed Database Systems (3)
    CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)
  Student must choose two of the following courses (6 credit hours)
    CSE 575 Statistical Machine Learning (3)
    CSE 591 Data Visualization (3)
    CSE 546/591 Cloud Computing (3)
    CSE 573/591 Semantic Web Mining (3)
    CSE 515 Multimedia and Web Databases (3)
- 6 credit hours of electives or thesis

*1 course in each area with “B” grade or better
Biomedical Informatics Concentration (MS)

- 9 credit hours from each of the areas*: Foundations, Systems, Applications
- 9 credit hours of BMI courses
  - BMI 501 – Introduction to Biomedical Informatics (3)
  - BMI 540 – Problem solving in Biomedical Informatics (3)
  - BMI 5XX – Approved Elective in Biomedical Informatics (3)
- 6 credit hours of CSE courses**
- 6 credit hours of CSE 599 – thesis

**Can include: 6 credit hours of Reading and Conference (CSE 590)

* 1 course in each area with “B” grade or better
Degree Change

• MS to MCS, MCS to MS, Ph.D. to MS/MCS, or adding/removing a concentration
  - TRANSFER CREDITS
    • Computer Science MS/MCS programs allow a maximum of 12 credit hours of graduate-level courses
    • ‘B’ grades or better
    • Within the last 3 years
  - PROCEDURE:
    http://cidse.engineering.asu.edu/forstudent/graduate/help-pages/computer-science-degree-change-request/

• MS/MCS to Ph.D
  - New application required
  - Admission can be denied
  - A maximum of 12 credits can transfer into the Ph.D. program
CPT Internship

- CPT Help Page
- ISSC CPT website
- To be eligible for CPT you must have maintained F-1 status for a minimum of one academic year in current degree program.
- 3.0 cumulative, graduate and iPOS GPA
- No Academic Integrity violations within one year.
- MUST BE LISTED ON INITIAL IPOS!!
  - MS/MCS - Max 3 credits (two semesters and a single summer session)
CPT and iPOS

• You are strongly encouraged to include the maximum number of allowable CPT credits in your initial IPOS
• Later additions of CPT will not be allowed under any circumstances
• Students will be allowed to remove unused CPT credits from their IPOS
Questions

Christina
A - I

Arzuhan
J – Na

Tammarrara
Nb - Z