Networked Systems Program

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www.networkedsystems.com
Overview

- History & Numbers
- Faculty and Administration
- Resources for Students
- Website
  - Degrees and Courses
  - Seminar and NetSys295
- Discussion
History

- MS Program, PhD Program
- Since 2003
- Founding “Parents”: Prof. Jordan (EECS) and Prof. El Zarki (ICS)
- Focus on
  - Networking (systems and performance)
  - Communications
  - Middleware/Dist Systems
- Recently ranked 1st interdisciplinary program
## Admissions

<table>
<thead>
<tr>
<th>Year</th>
<th>Applications (Ms/PhD)</th>
<th>Admitted (MS/PhD)</th>
<th>Enrolled (MS/PhD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>92 (36/33)</td>
<td>30 (14/16)</td>
<td>10 (8/2)</td>
</tr>
<tr>
<td>2005</td>
<td>100(29/31)</td>
<td>25 (16,9)</td>
<td>13 (8/5)</td>
</tr>
<tr>
<td>2006</td>
<td>107(36/33))</td>
<td>20 (11,9)</td>
<td>9 (5/4)</td>
</tr>
<tr>
<td>2007</td>
<td>96(38/30))</td>
<td>19 (13,6)</td>
<td>13 (9/4)</td>
</tr>
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<td>117(33/36)</td>
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<td>9 (6/3)</td>
</tr>
<tr>
<td>2009</td>
<td>103(46/27)</td>
<td>12 (8, 3)</td>
<td>4 (2/2)</td>
</tr>
<tr>
<td>2010</td>
<td>112(39/45)</td>
<td>26 (35,3)</td>
<td>16 (13,/,3)</td>
</tr>
<tr>
<td>2011</td>
<td>125(71/28)</td>
<td>38(35/3)</td>
<td>25 (22/3)</td>
</tr>
<tr>
<td>2012</td>
<td>122(90/32)</td>
<td>17(15/2)</td>
<td>11 (11/0)</td>
</tr>
<tr>
<td>2013</td>
<td>175(140/35)</td>
<td>24 (23/1)</td>
<td>14(13/1)</td>
</tr>
<tr>
<td>2014</td>
<td>256 Total</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>177 MS</strong></td>
<td><strong>34 MS offers</strong></td>
<td><strong>11 MS</strong></td>
</tr>
<tr>
<td></td>
<td><strong>48 MS/PhD</strong></td>
<td></td>
<td><strong>4 PhD</strong></td>
</tr>
<tr>
<td></td>
<td><strong>31 PhD</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Admissions

<table>
<thead>
<tr>
<th>Year of Admissions</th>
<th>Applications Total (MS, MS/PhD, PhD)</th>
<th>Admitted Total (MS, PhD)</th>
<th>Accepted and Enrolled Total (MS, PhD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>92 (36, 23, 33)</td>
<td>30 (14/16)</td>
<td>10 (8, 2)</td>
</tr>
<tr>
<td>2005</td>
<td>100 (29, 40, 31)</td>
<td>25 (16, 9)</td>
<td>13 (8, 5)</td>
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<tr>
<td>2006</td>
<td>107 (36, 38, 33))</td>
<td>20 (11, 9)</td>
<td>9 (5, 4)</td>
</tr>
<tr>
<td>2007</td>
<td>96 (38, 28, 30)</td>
<td>19 (13, 6)</td>
<td>13 (9, 4)</td>
</tr>
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<td>2008</td>
<td>117 (33/48, 36)</td>
<td>30 (14, 16)</td>
<td>9 (6, 3)</td>
</tr>
<tr>
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<td>103 (46, 30, 27)</td>
<td>12 (8, 3)</td>
<td>4 (2, 2)</td>
</tr>
<tr>
<td>2010</td>
<td>112 (39, 28, 45)</td>
<td>26 (35, 3)</td>
<td>16 (13, 3)</td>
</tr>
<tr>
<td>2011</td>
<td>125 (71, 26, 28)</td>
<td>38 (35, 3)</td>
<td>25 (22, 3)</td>
</tr>
<tr>
<td>2012</td>
<td>122 (77, 27, 18)</td>
<td>17 (15, 2)</td>
<td>11 (11, 0)</td>
</tr>
<tr>
<td>2013</td>
<td>175 (116, 35, 24)</td>
<td>24 (23, 1)</td>
<td>14 (13, 1)</td>
</tr>
<tr>
<td>2014</td>
<td>256 (177, 48, 31)</td>
<td>29 (22, 7)</td>
<td>15 (11, 4)</td>
</tr>
</tbody>
</table>
NetSys Students Summary

- **Enrollment/Graduation:**

<table>
<thead>
<tr>
<th></th>
<th>Incoming Fall 2013</th>
<th>Total Enrolled Fall 2013</th>
<th>Graduated before Fall 2013</th>
<th>Total Enrolled Spring 2014</th>
<th>Incoming Fall 2014 (04/18/2014)</th>
<th>Did not complete the program</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>1</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>4</td>
<td>2 transfers, 4 dropouts</td>
</tr>
<tr>
<td>MS</td>
<td>13</td>
<td>18</td>
<td>51</td>
<td>17</td>
<td>15</td>
<td>7 dropped</td>
</tr>
</tbody>
</table>

- **Current students:** [http://www.networkedsystems.uci.edu/students.html](http://www.networkedsystems.uci.edu/students.html)
- **Alumni:** [http://www.networkedsystems.uci.edu/alumni.html](http://www.networkedsystems.uci.edu/alumni.html)
Faculty

Contact for administrative/advising purposes:

- Athina Markopoulou (Director):
  athina@uci.edu, office hours: Wed 1-3pm, EH4207
- Nalini Venkatsubramanian (Co-Director): nalini@ics.uci.edu
- You are assigned an “initial advisor” upon admission.

Courses and Research:

- 12 core NetSys faculty (ICS, EECS, ITS)
- http://networkedsystems.uci.edu/faculty.html

Introductions around the table…
Administration

- **Before admission (up to visa): Eng Staff**
  - Amy Pham and Jean Bennett (Director Grad Affairs),
  - Students marked as NetSys-ICS, NetSys-Eng

- **Once you are here: ICS Staff**
  - Student Counselors: Karina Bocanegra, Julie Kennedy
  - Kris Bolcer (Director, Student Affairs)
  - Contact for any student issue: academic progress, course substitutions, visas, employment through ICS

- **…unless funded by EECS faculty/dept**
  - Appointment goes through EECS

- **Reimbursements:**
  - CECS: Grace Wu and Melanie
Curricular Practical Training (CPT)

- Allows you to work for a company
  - Typically in the summer: full time
  - Less often, during the academic year: part time
- You must enroll in a “CPT”- compatible class
  - EECS290 w. Prof. Jafar: 1 unit, handled by Amy@EECS
  - ICS299 any advisor, 1 unit
  - We may create a NetSys290 (CPT) class, but it will take 1 y

- What to do if you want CPT this coming year:
  - Go to ICS advising office to confirm that you are in good standing etc
  - Enroll in EECS299 with Athina
  - Bring the form to Athina to sign
  - Please allow for enough time (2 weeks).
Resources for students

- **NetSys-ICS vs NetSys-Eng:**
  - You should be treated equally as other students in either department (e.g. access to TAships, Readers, GSRs etc)
- **NetSys Block & NRT**
  - Note to advisors: BLOCK handled different in EECS and ICS
  - Some GSR and summer salaries for PhDs

- **Travel Grants**
  - Each NetSys PhD student in good standing is eligible for one travel grant up to 1500$ to present to a conference
  - NetSys MS students will also be considered, subject to availability of funds
  - Requirements: student must be first author, advisor’s recommendation

- One time stipend/reimbursement for incoming PhD students
Mailing lists

- Mailing lists
  - Faculty: netsysfaculty@ics.uci.edu
  - Students: netsysstudents@ics.uci.edu
  - Contact Athina if you are not on the list
Website

- Program: http://networkedsystems.uci.edu
- NetSys295: https://eee.uci.edu/14f/37680/

- Let’s browse it together…
  - Degrees, Courses, Policies
  - NetSys Seminar
Questions?

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nalini@ics.uci.edu