

**University of Illinois at Chicago**

**Department of Electrical and Computer Engineering**

**Specialization Preference**

ECE Graduate Committee requires an applicant to choose one of two major fields of study (computer engineering or electrical engineering) offered in the department before a decision for admission can be made. Applicants indicate their choice by completing this form and mailing it back to the department. This form may be included with other supplemental application material. The applicant's choice will help the Department in assigning a temporary advisor to applicants who are offered admission and in identifying any deficiency course work needed. A change of major after joining the program may require re-evaluation of the admission decision as well as a further assessment of any deficiency course work.

Name (PLEASE PRINT):

\_\_\_\_\_ (First/Given/Personal) (Middle) (Last/Family/Surname)

Undergraduate Institution Attended: \_\_\_\_\_ Country: \_\_\_\_\_

Undergraduate Degree Received: \_\_\_BS \_\_\_BA \_\_\_BE \_\_\_BTech

Field of Study: \_\_\_Computer Engineering \_\_\_Electrical Engineering \_\_\_Other: \_\_\_\_\_

Graduate Degree(s), Specialization and the University: \_\_\_\_\_

**Degree Sought at UIC:** \_\_\_M.S. \_\_\_Ph.D.

Please indicate your choice of one of two major fields of study (CE/EE) in the ECE department. Ph.D. students please indicate your preference for a specialization area within the major field.

**Computer Engineering**

**Electrical Engineering**

Specialization area in CE (Ph.D. only):

- \_\_\_ VLSI Circuits and Systems Design
- \_\_\_ VLSI Physical Design, Automation (CAD) and Algorithm
- \_\_\_ Digital Systems and Computer Architecture
- \_\_\_ Parallel and Distributed Computing
- \_\_\_ Computer Communication Networks
- \_\_\_ Fault-Tolerant Computing and Systems
- \_\_\_ Multimedia Systems, Communication, and Retrieval
- \_\_\_ Machine Vision and Robotics
- \_\_\_ Others

Specialization area in EE (Ph.D. only):

- \_\_\_ Signal, Image and Video Processing
- \_\_\_ Communications and Information Theory
- \_\_\_ Control Systems
- \_\_\_ Robotics
- \_\_\_ Solid State, MEMS & Nanotechnology
- \_\_\_ Microelectronics and Power Electronics
- \_\_\_ Electromagnetics and Optoelectronics
- \_\_\_ Intelligent and Adaptive Systems
- \_\_\_ Bioelectronics & Biomedical Applications
- \_\_\_ Others

**Names of three faculty members you may consider to work with on your Ph.D. degree:**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

**Return this form to:**

Student Affairs Office, ECE Department (M/C 154), University of Illinois at Chicago, 851 S. Morgan Street, Chicago, IL 60607, USA.  
Phone: 312-996-4325 or 312-413-2291, Fax: 312-996-6465, E-mail: grad-info@ece.uic.edu, URL: http://www.ece.uic.edu.