SURVEY STATISTICS (Z010)

Graduate Certificate Program
College: Behavioral and Social Sciences

Abstract
The Post Baccalaureate (Graduate) Certificate in Survey Statistics offers training in sampling design and estimation for individuals who have graduate-level coursework in statistics but desire specific knowledge and training in survey statistics. Both domestic U.S. and international students are welcome to apply. The program is taught at the graduate level but covers fewer topic areas than the onsite M.S. program in survey methodology offered by JPSM.

CONTACT
Rupa Jethwa Eapen
Director of Administrative Services
Joint Program in Survey Methodology
1218 LeFrank Hall
7251 Preinkert Drive
College Park, MD 20742
Telephone: 301.314.7911
Fax: 301.314.7912
Email: survgrad@deans.umd.edu
Website: http://www.jpsm.umd.edu

Courses: SURV


Admissions
Applicants must meet the following minimum admission criteria as established by the Graduate School:

• Applicants must have earned a four-year baccalaureate degree from a regionally accredited U.S. institution, or an equivalent degree from a non-U.S. institution.
• Applicants must have earned a 3.0 GPA (on a 4.0 scale) in all prior undergraduate and graduate coursework.
• Applicants must provide an official copy of a transcript for all of their post-secondary work.
• International students must fulfill all requirements relating to international academic credentials, evidence of English proficiency, and financial certification. Since the students will not have to enter the U.S., visas will not be required. These requirements are found at the Graduate School’s Web site.
• For the Survey Methodology certificate, students must have completed a basic statistics course at a graduate or undergraduate level covering concepts such as probability theory, t-tests, ANOVA and multiple regression. If a student cannot show completion of such a course, the student will be asked to follow a free online self-paced course on these topics and complete an online examination, scoring a B or better.
• For the Survey Statistics certificate, students must demonstrate graduate level knowledge of statistics and probability theory. If the student does not already have a statistics or biostatistics graduate degree, the applicant must demonstrate completion of prior course work comparable to the following courses offered at UMD: STAT 410 (graduate-level probability theory course), STAT 420 (graduate-level mathematical statistics course), SURV 615 and SURV 616 (a two-term sequence in statistical methods). (Please view syllabi here for comparison (http://jpsmdev.umd.edu/jointprogram))

For more admissions information or to apply to the program, please visit our Graduate School website: www.gradschool.umd.edu/admissions

Application Deadlines

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Applicants</td>
<td>US Citizens and Permanent Residents</td>
</tr>
<tr>
<td>International Applicants</td>
<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
</tr>
</tbody>
</table>

Other Deadlines: Please visit the program website at http://www.jpsm.umd.edu

Requirements
• Survey Statistics, Post-Baccalaureate Certificate (P.B.C.) (https://academiccatalog.umd.edu/graduate/programs/survey-statistics-z010/survey-statistics-pbc)

Faculty

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First/Middle Name</th>
<th>Graduate Faculty Status</th>
<th>Academic Credentials</th>
<th>Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abraham</td>
<td>Katharine</td>
<td>Full Member</td>
<td>B.S., Iowa State, 1976; Ph.D., Harvard University, 1982.</td>
<td>Professor,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Intermediate Survey Methodology Professor, Survey and Data Science (online) Professor, Survey Methodology Professor, Survey Statistics</td>
</tr>
<tr>
<td>Name</td>
<td>Relationship</td>
<td>Full Member</td>
<td>Education</td>
<td>Positions</td>
</tr>
<tr>
<td>------------</td>
<td>--------------</td>
<td>-------------</td>
<td>---------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Elliott</td>
<td>Full Member</td>
<td>B.S.,</td>
<td>Mathematics, University of Chicago 1985; M.S., Biostatistics, University of Michigan 1997; Ph.D., Biostatistics, University of Michigan 1999</td>
<td>Associate Research Professor, Survey and Data Science (online) Associate Research Professor, Survey Methodology Associate Research Professor, Survey Statistics</td>
</tr>
<tr>
<td>Li</td>
<td>Full Member</td>
<td>B.S.</td>
<td>Computer Science, Beijing Institute of Technology 1997; M.S. Biostatistics, University of Nebraska at Lincoln 2002; Ph.D. Survey Statistics, University of Maryland at College Park 2006</td>
<td>Associate Professor, Intermediate Survey Methodology Associate Professor, Survey Methodology Associate Professor, Survey Statistics</td>
</tr>
<tr>
<td>Valliant</td>
<td>Full Member</td>
<td>B.S.,</td>
<td>University of Arkansas, 1972; M.S., Cornell University, 1975; Ph.D., Johns Hopkins University, 1983</td>
<td>Research Professor, Applied Mathematics &amp; Statistics, and Scientific Computation Research Professor, Emeritus, Intermediate Survey Methodology Research Professor, Emeritus, Survey and Data Science (online) Research Professor, Emeritus, Survey Statistics</td>
</tr>
</tbody>
</table>