MASTER OF PUBLIC INFORMATICS

MPI AND DUAL DEGREE INFORMATION

FRANK FELDER, FFELDER@EJB.RUTGERS.EDU
PROGRAM OVERVIEW

- SMALL PROGRAM AT A LARGE RESEARCH 1 UNIVERSITY
- COLLABORATIVE ENVIRONMENT IN AN INTERDISCIPLINARY SCHOOL
- STRONG LINKAGES TO OTHER SCHOOLS AND PROGRAMS AT RUTGERS UNIVERSITY
PROGRAM GOAL

• “SOCIETY IS AWASH IN DATA. WE NEED TRAINED, PUBLIC-MINDED PROFESSIONALS THAT CAN THINK CRITICALLY ABOUT HOW TO USE THAT DATA EFFICIENTLY AND ETHICALLY.”

FRANK A. FELDER, PH.D., RESEARCH PROFESSOR AND DIRECTOR, PROGRAM IN PUBLIC INFORMATICS
DEGREE OPTIONS

- Master of Public Informatics (MPI)
  36 credits (12 courses)

- MPI & Master of Public Policy
  60 credits (20 courses)

- MPI & Master of City and Regional Planning
  60 credits (20 courses)
# TYPICAL MPI COURSE SCHEDULE

## MODEL SCHEDULE

*(following a fall entrance, full-time 3-semester plan)*

<table>
<thead>
<tr>
<th>Fall (Semester 1)</th>
<th>Spring (Semester 2)</th>
<th>Fall (Semester 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory &amp; Practice of Public Informatics (3)</td>
<td>Data Analytics: Using Big Data (3)</td>
<td>Topics in GIS (3)</td>
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<tr>
<td>Applied Multivariate Methods (3)</td>
<td>Planning: Studio I (3) <em>OR</em></td>
<td>Planning: Studio II (3) <em>OR</em></td>
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<td></td>
<td>Policy: Research Practicum I (3)</td>
<td>Policy: Elective (3)</td>
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<tr>
<td>Graphical Communication for Planners (3)</td>
<td>Planning: Elective (3) <em>OR</em></td>
<td>Elective (3)</td>
</tr>
<tr>
<td></td>
<td>Policy: Research Practicum II (3)</td>
<td></td>
</tr>
<tr>
<td>Elective (3)</td>
<td>Intro to GIS for Planning and Public Policy (3)</td>
<td>Elective (3)</td>
</tr>
</tbody>
</table>

*The table shows the typical course schedule for MPI students.*
COURSE WAIVERS

• WAIVERS ALLOW YOU TO SKIP A COURSE, NOT CREDIT UNITS.

• COMMON WAIVERS:
  • BASIC QUANTITATIVE METHODS – BASED ON PLACE-OUT EXAM
  • INTRODUCTION TO GIS (GEOGRAPHICAL INFORMATION SYSTEMS)

• IF YOU ARE WAIVED FROM A REQUIRED COURSE, YOU CAN TAKE AN ELECTIVE OR HIGHER-LEVEL COURSE.

• YOU NEED TO COMPLETE THE SAME AMOUNT OF DEGREE CREDITS FOR GRADUATION.
CONCENTRATIONS & CERTIFICATES

• BUDGET AND FINANCE
• ECONOMICS
• EDUCATION
• ENERGY
• ENVIRONMENT
• GEOGRAPHICAL INFORMATION SYSTEMS
• HEALTH
• LABOR AND WORKFORCE
• MANAGEMENT
• METHODS
• NON-PROFIT MANAGEMENT
• POLITICAL PROCESSES AND INSTITUTIONS
• PUBLIC POLICY
• SOCIAL JUSTICE AND ADVOCACY
• SOCIAL POLICY AND WOMEN’S ISSUES
• TRANSPORTATION
• URBAN POLICY AND COMMUNITY DEVELOPMENT
• SELF-CREATED
Master of Public Informatics Faculty

Frank A. Felder, Ph.D.,
Program Director

Clinton J. Andrews

Juan Ayala

Radha Jagannathan, Ph.D.

Michael L. Lahr, Ph.D.

Robert B. Noland

Marc H. Pfeiffer

Kelcie Ralph, Ph.D.

Eric Seymour, Ph.D.

Michael Smart

Piyushimita (Vonu) Thakuriah

Lyna Wiggins, Ph.D.
ADVISING, SUPPORT, AND OPPORTUNITIES

- DEDICATED FACULTY ADVISER AND STUDENT LISTENING SESSIONS
- EXTENSIVE RESEARCH OPPORTUNITIES THROUGH NUMEROUS RESEARCH CENTERS AND INSTITUTES
- ROBUST STUDENT SERVICES DIVISION INCLUDING CAREER SERVICES
- 2 COMPUTER LABS, EXTENSIVE LIBRARY OF SOFTWARE AND EXCELLENT TECHNICAL SUPPORT
- PUBLIC INFORMATICS STUDENT GROUP
- ACTIVE STUDENT GOVERNMENT
- LANGUAGE CAFÉ
- LARGE ALUMNI NETWORK

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Public Informatics Student Group

Mission Statement

The Public Informatics Student Group (PISG) creates exploration within the student body by applying and using information, computing technology, and data in the contexts of public service and the urban environment.