GEOG 795: MPS GIS Professional Practices
Syllabus

Instructor
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Office Hours: Mondays (3:00pm-5:00pm) or by appointment

About the Course
Time: 5:30m – 8:00pm, Mondays
Location: Online (http://elms.umd.edu)

Description
This course will provide a preparation for students who are embarking upon professional careers with government agencies, companies, and other institutions who utilize geographic information science and technologies. The topics covered in this class include but not limited to: expectations and requirements of GIS professionals in government agencies from a manager perspective, understanding about Enterprise GIS, GIS data and services in DC, Maryland and Virginia, how to develop Resume and portfolio as a GIS professional, review of latest development in GIS field, research seminars in GIS and remote sensing, etc. Alumni from the MPSGIS program is also invited to talk about their GIS career in real world. The content of the class may vary in different years.

This course will focus upon preparing GIS practitioners for their future professional experiences and is only open to students in the MPS GIS program.

Textbooks
There is no required text for the course. Practitioners in the field will give presentations on the various topics.

Assignments & Grading
The grade is calculated based on the following:
- Discussion: 20%
- Written assignments: 80%

Attendance Policy
We will meet online at the announced time for a live audio/video lecture. The lecture will be archived for anyone who absolutely must miss the class. Still you are recommended to login at the appointed time so that you can ask questions and keep up with the course schedule.
**Course Schedule**
This is a tentative schedule and may be adjusted. Changes will be announced and posted on ELMS.

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<thead>
<tr>
<th>Date</th>
<th>Lecture Topics</th>
<th>Speakers</th>
<th>Assignments</th>
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<tr>
<td>June 5</td>
<td>Course Overview</td>
<td>Jack Ma</td>
<td>Discussion</td>
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|            | Ethics in GIS                                                                                                                                                                                                | Guest lecture (video archive)  
- Data privacy                                                                                                                      | Assignment 1                  |
|            | - Data copyright                                                                                                                                  |  
- Data sensitivity issue                                                                                                                  |                              |
|            | Enterprise GIS                                                                                                                                                                                               |  
GIS Data and Services in the State of Maryland                                                                                         |                              |
| June 12    | Tailor for GIS Positions  
- How to Write a Resume                                                                                                                           | Guest lecture (live)  
- How to Write a Cover Letter                                                                                                           | Assignment 1 due Assignment 2 out |
|            | - How to Identify Good references                                                                                                                 |  
- Interview Tips and Techniques                                                                                                           |                              |
|            | Remote Sensing Research Seminar                                                                                                                  |  
Guest lecture (video archive)  
- Peter Potapov, Research Professor, Dept. of Geographical Sciences                                                                 |                              |
| June 19    | GIS Research Seminar                                                                                                                                                                                        | Guest lecture (live)  
- Janet Nackoney, Assistant Research Professor, Dept. of Geographical Sciences                                                                   | Assignment 2 due Assignment 3 out |
|            | Remote Sensing Research Seminar                                                                                                                  |  
Guest lecture (video archive)  
- Do-Hyung Kim, Research Associate, Dept. of Geographical Sciences                                                                         |                              |
| June 26    | Remote Sensing Research Seminar                                                                                                                                                                            | Guest lecture (live)  
- Huiran Jin, Research Associate, Dept. of Geographical Sciences                                                                            | Assignment 3 due Assignment 4 out |
|            | GIS in Real World  
- GIS Skills that Managers Want                                                                                                             |  
- Skills Needed to Become a Manager                                                                                                          |                              |
|            | Guest lecture (video archive)  
- Matt Ratcliff, Census Bureau                                                                                                                     |  
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<th>Date</th>
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<tr>
<td>July 3</td>
<td>Latest development and trend in GIS</td>
<td>Jack Ma</td>
<td>Assignment 4 due</td>
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<td>Other topics</td>
<td>Guest lecture (TBA)</td>
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<td>• Business Analyst</td>
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