Information Science MPS Orientation
WELCOME!
Spring 2021

We will start in a few minutes.
Please mute your microphone – thanks!

This session will be recorded and available later.
Today

10:00 AM Welcome to Information Science – Steve Jackson
10:15 AM Overview of MPS program – Barbara Woske
11:00 AM Q&A

11:15 AM The MPS Project – Sharlane Cleare
11:30 AM Career services – Kate Reiter
11:45 AM Student Life – Barbara Woske
12:00 PM Event ends
Who We Are

Assoc. Prof. Steve Jackson
IS Department Chair

Prof. Gilly Leshed
Director of MPS Program

Barbara Woske
Graduate Program Coordinator

Terry Horgan
Administrative Assistant

Kate Reiter
Professional Development Advisor
Welcome to Cornell Information Science!

Information Science examines *information systems in their social, cultural, economic, historical, legal, and political contexts*. We combine the technical aspects of how systems are built with an emphasis on how they are used by people.
MPS Program overview

IS MPS = 30 Credits

INFO Courses
- Information systems (IS) ≥ 9 credits
- Human and social systems (HSS) ≥ 9 credits

MPS Project
3-6 credits

Electives
0-8.5 credits

Professional career development
0.5 credits
MPS Program Requirements

- All courses at ≥ 4000 level
- Min grade C for classes
- Min grade B for MPS project
- 2 credits may be pass/fail (S/U)

This includes professional career development.

If you are a continuing student, may count up to 8 S/U credits from Spring 2020

cornellinfo.science/requirements
IS & HSS

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INFO courses: cornellinfo.science/MPScourses

Optional Focus Areas:
- Data Science
- Interactive Technology
- Networks, Crowds, Markets
- User Experience

Cornell course roster: classes.cornell.edu
Electives

Elective courses: cornellinfo.science/MPScourses → Approved Electives

If interested in a course not on the list, email Steve Jackson, sjj54@cornell.edu the following:

1. Course number
2. Title
3. Description
4. An explanation why you want to take this elective

(Please copy Barbara, bae2@cornell.edu on this email)
Digital Technology Immersion (DTI)

Collaboration with College of Business

Project practicum class: INFO 6480 (3 credits)
Counts as your MPS Project
Team with MBA students
Spring only
Sign up in October: a binding commitment

Electives:
Choose 3-6 credits from a list:
infosci.cornell.edu/masters/mps/dti
Fall / Spring
Count as MPS electives

Questions: Prof. Shawn Mankad,
spm263@cornell.edu

IS MPS = 30 Credits
INFO Courses
Information systems (IS) ≥ 9 credits
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MPS Project 3-6 credits
Electives 0-8.5 credits
Professional career development 0.5 credits
MPS Project: INFO 5900

- Work in a team 3-4 students
- Client-facing
- Complete 1 or 2 projects, each 3 credits, one per semester
- Matters for your career search

More info later today
Professional Career Development: INFO 5905

- 0.5 credit S/U
- First half of Spring semester
- Application materials, job search, network development, interviews, offer negotiation, etc.

More info later today
Academic Integrity

**Plagiarism:** Knowingly representing the work of others as your own.
- Cite, acknowledge, and give credit to all sources.

**Unauthorized collaboration:** Obtaining or providing unauthorized help on exams, papers, or other academic work.
- Get approval to collaborate and credit your collaborators.

**Misrepresenting yourself:** Misrepresenting your accomplishments or credentials.
- Be honest about who you are and what you’ve accomplished.

**Cheating:** Fabricating data; forging a signature; obtaining unauthorized assistance on academic work.
- Do your own original work; don’t copy the work of others.
Procedures & forms:

- Electives approval
- Checklist
- TA application
- 3rd semester extension
Electives approval

- All IS, CS, STSCI courses at 4000+ level are pre-approved automatically as electives. This includes 4900 independent research.
- If you are interested in taking an elective course that is not on the pre-approved electives list, email Steve Jackson, sjj54@cornell.edu. Please copy Barbara, bae2@cornell.edu on this email.
- Include the following:
  1. Course number
  2. Title
  3. Description
  4. An explanation why you want to take this elective

Must be ≥4000-level
**Checklist**

- Use this checklist to enter courses you’ve enrolled in and mark your progress
- Add elective approval email screenshot
- Only include courses that will be counted towards your MPS degree
- Contact Terry tmh233@cornell.edu if you haven’t received it

Start after you’ve enrolled in Fall 2021 classes.

1. Review the policy
   ○ 12 MPS credits every semester
   ○ No 1000-3000 credits, no Audits

2. Fill out the petition form
   ○ Available on the MPS pages

3. Fill out your course enrollment checklist

4. Meet with MPS Director Gilly Leshed (email is OK).
   ○ Provide the completed petition form and your course enrollment checklist.

5. Send the signed digital form to Barbara bae2@cornell.edu
Additional resources when you have questions

- Course registration: Graduate School Registrar’s office
  gradstudserv@cornell.edu + cc Barbara bae2@cornell.edu

- Immigration status: Office of Global Learning
  international.globallearning.cornell.edu/

- Health & mental health issues: Janna Lamey at Graduate School
  janna.lamey@cornell.edu
Frequently Asked Questions

• I want to enroll in a class that is full/locked. What can I do?
• Can I change my classes after I enrolled in them?
• How can I extend my MPS studies to a 3rd semester?
• Can I take undergraduate level classes across the university?
• When will we get more information about the Digital Tech Immersion program?
• How can I be part of a research lab in Information Science?
• Can I be a teaching assistant? If yes, how?
MPS Project
INFO 5900

Dr. Sharlane Cleare
Prior MPS Projects from Past Semesters

Identify issues in customer experiences by visualizing a model of customer reviews. (NLP, ETL, ML, Data Vis, Coded Prototype)

Applied MADI (a novel anomaly detection application developed by the Google) to a dataset. Built a UXR-based visualization tool for surfacing identified anomalies.
Fall 2020 Projects

- Stock Market Trading, DS, ML
- Video Tagging, ML
- UI App Rollout, UX Research, Testing, Design
- Manufacturing Washes Defects, DS, Visualization
- Medical Hygiene Failure Prediction, ML
- **Community Needs, Visualization, UX Research**
MPS Project Outcomes

● Professional Development
  ○ Teamwork
  ○ Project & Risk Management
  ○ Client Communication
  ○ Effective Presentations

● Develop Technical Skills
  ○ UX, Data Visualization, Data Science, ML, etc.
  ○ Programming
  ○ Version Control
5900 Structure

● **Weeks 1-3:**
  ○ Professional Development
  ○ Lectures/Readings/Activities

● **Weeks 3-15:**
  ○ Work on Project.
  ○ Faculty advising/mentoring every week.

● **Weeks 13-16:**
  ○ Prepare final deliverables for client.
  ○ Handoff project to client.
5900 Project Selection Timeline

- **Before Feb 8th:**
  - Enroll in INFO 5900. No permission needed.
- **Around Wed. Feb 8th:**
  - Recorded lecture explaining each project.
  - All students enrolled in 5900 will receive project list.
- **Around Feb 12th:**
  - Deadline to submit skills survey and project preferences survey.
  - **If you complete the survey, you are expected to remain enrolled.**
- **Around Feb 22nd:**
  - Projects assigned. Begin working with client.
  - You will be assigned either your 1st, 2nd, or 3rd choice.
  - **Once the project is assigned, do not drop course.**
MPS Information Science
Career Services

Kate Reiter - 500 Rhodes Hall
Professional Development Advisor
kmr87@cornell.edu
IS Professional Development

- Cornell Career Services (CCS) is not a placement service

- IS empowers MPS students to learn lifelong career development skills by providing resources, advising support, and opportunities to pursue the career that is right for you

- You are encouraged to think of your career development as part of your academic workload - set aside regular time to take advantage of all that CCS has to offer

- Keep a copy of this slideshow with links to all of the best resources and spend time looking through them
Career Services Overview

Cornell Career Services:
  ● Cornell Career Services: Welcome
  ● Cornell Career Guide
  ● Caleb Yu - Graduate and International Advisor

Engineering Career Services
  ● On Campus Recruiting via Handshake
  ● Alumni Career Conversations
MPS Careers Website

https://cis.cornell.edu/future-students/graduate-opportunities/professional-masters-students

PREPARE AND EXPLORE
Define Strengths, Career Guide, Resume, Portfolio, Handshake, LinkedIn, Elevator Pitch, Tips on Attending Events

JOB SEARCH
Where to Look For Work, Tips, Q+A

INTERVIEWING AND NETWORKING
Networking and Interviewing Tools, Tips, and Q+A

JOB OFFERS
Obtaining OPT, Student Offer Policies, Post Graduate Survey, Counter Offers, References

ADDITIONAL CAREER RESOURCES
Cornell Career Services, Engineering Career Center, Optimal Resume

QUESTIONS AND ANSWERS
International Services Overview

Office of Global Learning

- [https://international.globallearning.cornell.edu/](https://international.globallearning.cornell.edu/)
- International student support
- Work Talks – Work Authorization for International Students

English Language Support Office (ELSO)

- [https://knight.as.cornell.edu/elso](https://knight.as.cornell.edu/elso)
- Writing support, tutoring, english classes, speaking groups, Canvas course
Action Items

- **Schedule a one-on-one advising session with me**
- Join LinkedIn group: [Cornell Information Science](#) and start networking!
- Activate your [Handshake account](#) and set notifications.
- Work through the [Engineering Career Commons](#) on Canvas.
- Plan to take [ENGRG 5350 (Fall)](#) or [INFO 5905 (Spring)](#).
- Mark your calendars: [Spring Virtual Career Fair is February 24](#).
- Read my emails!
Assistance/Questions about Career Services?

kmr87@cornell.edu
500 Rhodes Hall
To schedule an appointment: calendly.com/kmr87
Thank you!
MPS Information Student Services
Stay healthy! Stay happy! Stay engaged!

Barbara Woske
Graduate Program Coordinator
bae2@cornell.edu
Stay Healthy!

Cornell Health services overview 10-minute course:
- Designed for all students
- Information about medical and mental health services available to Cornell students
- Specific to Spring 2021
- COVID & non-COVID health care options, when and how to access services, information about student health insurance and costs, and 24/7 resources.

Go to this Canvas link (https://canvas.cornell.edu/courses/20968)
- Log in with your NetID
- Click on “Enroll in the Course” → “Modules” to watch the video.
Stay Happy!

Fun activities at Cornell and Ithaca while maintaining social distancing:

- CIS Social Hour: every Friday 5-6pm virtually
- Big Red Barn (grad students events): virtual events start
- Ithaca Farmers Market
- Hike and walk:
  - Beebe Lake
  - Cornell Botanic Gardens
  - State parks within 12 miles of campus: Treman, But Taughannock
- Ski at Greek Peak
- Finger Lakes Wine Trails
- Robison Disc Golf Course on North Campus
Stay Engaged!

Activities within and outside CIS to keep you engaged in your academics and career search:

● Career Fair Days: Will be held virtually TBA
● Career services workshops
● Check the University events calendar many (virtual) talks and seminars: events.cornell.edu
Assistance/Questions

Gilly Leshed, Director of MPS Program - on leave until March 7

In Gilly’s absence, Steve Jackson, Chairperson of Information Science, will be available for academic advising. Please email Steve with questions you may have about MPS courses and/or petitions for electives.

Administrative Questions: Barbara Woske, Graduate Program Coordinator

- Office hours Tuesdays and Wednesdays 9-11am ET via Zoom
- Procedures, logistics, administration

(Zoom links were sent to you via email from Barbara)
Important Dates

- February 2 - Spring 21 Add/Drop Begins - Grad/Prof/Seniors
- February 8 - First day of classes
- February 22 - Last Day to Add/Change Credits
- February 26 - Last Day to Register without Late Registration Fee

- March 9 - 10 - Wellness Days - No Classes

- April 5 - Last Day to Drop/Change Grading Basis
- April 23 - 26 Wellness Days - No Classes

- May 14 - Last Day of Instruction
- May 15 - May 18 - Study Days
- May 19 - May 25 - Final Exams
Thank you!

Questions?