Overview of the M.S. in Applied Data Science (M.S.A.D.S.)
- Learning Outcomes of the M.S. in Applied Data Science
- Courses and Curriculum
  - Advising Check Sheet
  - Common Core: 18 credits
  - Analytics Application Core: 3-6 credits
  - Electives: 12-15 Credits
  - Exit Requirement: Portfolio Milestone
  - Guidelines for Credit Reductions and Substitutions
- Fast Track
  - Fast Track for Syracuse University B.S. in Information Management & Technology Students
  - Fast Track for non-IM&T Students
- Suggested Course Sequence for Students
  - Two Courses per Term/Semester
  - Three Courses per Term/Semester
  - Four Courses per Term/Semester
- Required and Recommended Pre-Requisites for M.S.A.D.S.
- Preparatory Resources
- Data Science Programming Languages Used in M.S.A.D.S.
  - Programming Languages in M.S.A.D.S Common Core
  - Programming Languages in M.S.A.D.S. Analytics Application Core
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- Differences between M.S. Applied Data Science and M.S. Business Analytics
- Career Directions
- Courses and Curriculum
  - Business Analytics
  - Applied Data Science
- Applied Data Science Online
  - 2U
  - Academic Calendar
  - Academic Support
  - Orientation
  - WeWork Global Access
  - Can Campus Students Take Online Classes?
    - Federal Registration Compliance Rules
    - What Do Different Section Numbers Mean?
    - Registration Compliance Examples if you are a Main Campus Student:
- Certificates of Advanced Study (C.A.S.)
  - Popular C.A.S. Programs at the iSchool
    - Data Science
    - Information Security Management
  - How to Complete a C.A.S. with the M.S.A.D.S.
    - Fall 2019
    - Spring 2020
    - Summer 2020
    - Fall 2021
- Focus Areas at the iSchool
  - Data Storage and Management
  - Data Engineering
  - Data and Information Security
  - Machine Learning and Big Data
  - Text Analytics
Structured Data Analytics and Visualization

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Academic Integrity
- Academic Integrity Policy
- Academic Integrity Expectations
- To Whom Does This Policy Apply?

Student Status
- Full-Time and Part-Time
- Matriculated and Non-Matriculated Students
- Student Status for International Students

Last Semester Exception to Full-Time Registration:
- Last Semester Memo for International Students

Online Courses and Full-Time Status for International Students

Registration and Grading
- Adding and/or Dropping Courses
- Auditing Courses
- Double Major/Dual Degrees
- Incomplete Grades
- Minimum GPA to Continue Graduate Work
- Minimum GPA to Graduate
- Retaking Courses
- Time to Degree
- Transcripts
- Transfer Credit

Applying for Graduation
- File Diploma Request
- Program of Study
- Commencement and Convocation
- Request for Certification of Degree Letter
- When You Receive Your Diploma

The Family Educational Rights and Privacy Act (FERPA)

Health Insurance

Religious Observances

Orange Alert

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First Week of Class Attendance Policy for Campus Students

Graduate Program Transfer

Independent Study

School Success and Employability Policy for International Students

Pursuing Multiple Graduate Degrees/Adding a C.A.S.

Job Opportunities at the iSchool
- Faculty Assistant Program
- Graduate Assistants (GAs)
- Other Employment Opportunities on Campus

Scholarships and Student Aid

Part 4: Student Life at the iSchool

Student Populations at the iSchool
- International Students
- Slutzker Center for International Services (SCIS)
- Military Students
- Syracuse University Resources for Military Personnel and Veterans

Career Services and Employer Relations
- Drop-ins and Advising
- Career Fair
- Career Development Workshops
- Employer Visits and Guest Lectures
- Internships
- CPT Recommendation Letters (International Students Only)

Student Involvement at the iSchool
- Experiential Groups and Research Centers
  - Center for Emerging Network Technologies (CENT)
  - iConsult Collaborative
- Experiential Learning
- Student Organizations

Part 5: Syracuse University Support Services

Bookstore

Career Services

Counseling Center

Department of Public Safety (DPS)

Department of Recreation Services

Disability Cultural Center

Equal Opportunity, Inclusion, and Resolution Services (EOIRS)
Welcome

Welcome to the Syracuse University (SU) School of Information Studies (iSchool). This student handbook is designed primarily for both full-time and part-time campus students, and should serve as an advising guide for those pursuing the graduate program of study for the Master of Science in Applied Data Science (M.S.A.D.S.) degree at the iSchool at SU. While the handbook covers some aspects of the program for online students, they should consult with their online student success advisors on specific questions in regards to admissions, course selection and sequence, and registration. This handbook covers academic and administrative policies and requirements that all graduate students must follow and is current as of July 2019. Please consult the websites linked throughout this handbook for additional information.

The information concerning academic requirements, courses, and programs of study contained in this student handbook does not constitute an irrevocable contract between the student and the iSchool. The iSchool reserves the right to change, discontinue, or add academic requirements, courses, and programs of study. Such changes may be made without notice, although every effort will be made to provide timely notice to students. It is the responsibility of the individual student to confirm that all appropriate degree requirements are met.

About the iSchool

The iSchool is one of several schools at SU and has a unique blend of programs. Each program has a director, requirements, and matriculated students. The faculty and the courses in the iSchool, however, are not divided into traditional departments like most schools. Instead, we have a united faculty body made up of tenured faculty, leading industry practitioners, and scholars with diverse research and academic interests, committed to teaching all iSchool students. This means that in your experience as an M.S.A.D.S. student there will be many courses in which your classmates will represent a mix of M.S.A.D.S. students and students from other degree programs, which allows students to learn from those pursuing other professional goals. While providing diversity in terms of coursework and faculty expertise, a common thread ties all the courses together to create technologically competent, people-oriented, data-driven professionals.

Part 6: Points of Contact at the iSchool

- M.S.A.D.S. Program
  - Program Director
  - Program Manager
  - Curriculum Lead
  - Graduate Academic Advisors
  - Assistant Dean of Student and Career Services
  - iAdvising
  - Studentsupport@datascience
  - Director of Career Services
  - Career Services Specialist
  - Internship Coordinator
  - Director of Online Education

Part 7: Frequently Asked Questions (FAQ)

- What are the requirements for my degree?
- I need advising help with my courses. Who do I speak to?
- I want to pursue a second master's degree at the same time. How do I do that?
- When and how can I apply for a C.A.S.?
- What kinds of financial aid are available? How and when do I apply?
- How do I transfer credits, and how many can I transfer in?
- How do I reduce credits from my degree?
- I need help finding an internship. Who do I talk to?
- How do I waitlist for a class?
- I was listed for class. When do I find out if I get permission to enroll?
- I can’t get into the class I want. What do I do?
- I’m taking a class in the summer. How do I get housing and a meal plan while I am here?
- What paperwork is required for graduation?
- What happens if I take a semester off from school?
- I have concerns about a class. Who do I speak to?
Academic Resources

Faculty, Staff, and Peers

The iSchool firmly believes that advising is a cooperative and multifaceted process, and encourages students to seek input from a variety of sources. Faculty, staff, and peers are critical resources and all contribute to student success. Their roles are described briefly in Part 6 of the handbook.

Printed and Online Sources

In addition to the information in this handbook, Syracuse University, the Graduate School, and the iSchool provide services and resources to students that should be taken into account when planning a program of study. Some of the most important for students include:

Academic Calendar

The SU academic calendar provides information on registration dates, financial deadlines, withdrawal deadlines, degree award dates, and when to expect final grades. There are two academic calendars: an academic year calendar that lists important dates for fall and spring semesters, as well as summer sessions, and a quarter term calendar that provides important dates and deadlines for online classes. Please view the calendars at syracuse.edu/academics/calendars/.

Advising Check Sheet

Each iSchool graduate program keeps an advising check sheet that lists the current curricular requirements that should be followed when you plan your program of study. Check sheets are available in 114 Hinds Hall, Student Services, or online at ischool.syr.edu/academics/advising/handbooks-checksheets/.

Class Schedule

Up-to-date information about course offerings for a given semester can be found in the class schedule section of the iSchool website. For more information, visit ischool.syr.edu/classes/.

Course Catalog

Refer to the Graduate Course Catalog, coursecatalog.syr.edu, for SU rules and regulations. It is the student's responsibility to be informed about program requirements, and students should consult their program director, program manager, or graduate academic advisors with any questions or uncertainties.

Email and Listserv

SU has established the @syr.edu email as a primary vehicle for official communication with students, and all email communications will be sent to this address. The iSchool uses your SU email address to maintain a listserv for your program where students will be notified of new course offerings, internship and job opportunities, and other events. Students will be added to their program listserv automatically once they are matriculated into the program. Students are responsible for all email communications sent to the @syr.edu email address. A list of available listservs can be found here: ischool.syr.edu/academics/advising/email-listservs/.

Graduate School Website

Individual graduate programs are administered by departments or interdisciplinary committees and are subject to approval by the appropriate schools and colleges and by the University Senate. These policies and standards are administered by the Graduate School. Visit graduateschool.syr.edu for more information.

iSchool Website

The iSchool website will be your best resource as you figure out your academic career at Syracuse, to decide what classes you can take, and how to get involved in the iSchool community. Here, you can find advising forms, class schedules, graduation requirements, FAQs, and other student resources. Visit ischool.syr.edu/

My.iSchool
The My.iSchool dashboard is your control room for all internal iSchool Resources. When you login with your NetID and password, you can view your class schedule, waitlist for a class, download software, access Remote labs and view the online version of this handbook. Visit my.ischool.syr.edu.

MySlice

MySlice is SU’s online portal to critical information resources for applicants, students, faculty, and staff. Here, students can view information on academics, advising, career services, the online course catalog and class schedule, financial aid, housing and meal plans, and parking and transit services. Visit myslice.syr.edu/

Research Guide

This guide points to resources for students and researchers in the field of data science. Information about data services at Syracuse University Libraries can be found on the Research Data Services guide. For more information, visit researchguides.library.syr.edu/datascience/

Overview of the M.S. in Applied Data Science (M.S.A.D.S.)

 Ranked as Glassdoor’s No. 1 best job of 2019, data scientists are critical to the success of any organization. As the data science field evolves, the demand for analytics skills continues to grow, and employers are actively seeking candidates with the advanced technical expertise to make data-driven decisions. The M.S. in Applied Data Science for the iSchool, offered in collaboration with the Whitman School of Management, is a fully interdisciplinary degree and prepares students with the practical, analytical, and technical skills required to apply analytical concepts and tools to gain insight from small and large datasets. The curriculum offers an innovative blend of information science and management principles. While the overall program focuses on applications of data science within the context of the enterprise, individual courses tackle data challenges, such as data capture, management, analysis, and communication for decision-making. As an M.S.A.D.S. student, you will learn and experience the direct application of data science practices and principles and graduate with a complete professional portfolio that demonstrates your ability to solve real-life business and scientific problems using data science.

Learning Outcomes of the M.S. in Applied Data Science

As an interdisciplinary program, the M.S.A.D.S. provides students the opportunity to learn in a broad range of areas related to data science. Successful students in our program will be able to:

- describe a broad overview of the major practice areas in data science
- collect and organize data
- identify patterns in data via visualization, statistical analysis, and data mining
- develop alternative strategies based on the data
- develop a plan of action to implement the business decisions derived from the analyses
- demonstrate communication skills regarding data and its analysis for managers, IT professionals, programmers, statisticians, and other relevant professionals in their organization
- synthesize the ethical dimensions of data science practice (e.g. privacy)

Courses and Curriculum

The Common Core includes foundational knowledge in databases, data analysis, and generating analytical insights. A Secondary Core provides an opportunity for the student to choose one or two functional area specializations in accounting analytics, financial analytics, marketing analytics, and supply chain analytics as a way to develop deeper exploration of particular application area(s) for data science techniques. The electives include coursework in linear models, time series, scripting for data analysis, natural language processing, information visualization, data warehouse, text mining, and advanced database management.

Students will complete Common Core courses and electives in an order that builds foundational knowledge and skills in preparation for more advanced work. Students will complete one or two chosen Secondary Core analytics application course(s) as a way to develop deeper exploration of particular enterprise application area(s) for data science techniques.

Students will also complete a portfolio in their final term or semester to provide an assessment of learning for their program. Students will choose assignments and projects worked on in courses during the course of study that reflect abilities specified in the program learning outcomes for inclusion in their personal portfolio. A panel of faculty who teach the courses included in the program will review the portfolios of graduates during the students’ final term. The panel will approve the portfolio for each student as a transcript milestone required for the degree.

Advising Check Sheet

You can find the advising check sheet in Hinds Hall 114, Student Services, or ischool.syr.edu/academics/advising/handbooks-checksheets/.

The 36-credit M.S.A.D.S. curriculum includes an 18-credit Common Core requirement, a 3-to-6-credit analytics application core requirement, 12-15 credits of electives, and a portfolio milestone exit requirement.
Common Core: 18 credits

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<td>SCM 651</td>
<td>Business Analytics</td>
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</table>

Analytics Application Core: 3-6 credits

The Analytics Applications Core provides an opportunity for the student to choose one or two functional area specializations in accounting analytics, financial analytics, marketing analytics, and supply chain analytics, as a way to develop deeper exploration of particular application area(s) for data science techniques.

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<td>SCM 702</td>
<td>Principles of Management Science</td>
</tr>
</tbody>
</table>

Electives: 12-15 Credits

The Electives include coursework in linear models, time series, scripting for data analysis, natural language processing, information visualization, data warehouse, text mining, information policy, information security and advanced database management. Students should select 4 or 5 courses.

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Exit Requirement: Portfolio Milestone

Students are required to complete a portfolio milestone to provide an assessment of learning for their program. Students will choose assignments
and projects worked on in courses during the course of study, which reflect abilities specified in the program learning outcomes for inclusion in their personal portfolio. A panel of faculty who teach the courses included in the program will review the portfolios of graduates during the student’s final term. The panel will approve the portfolio as a transcript milestone required for the degree.

Guidelines for Credit Reductions and Substitutions

We do not offer credit reductions for work experience for this program. If students feel that their work experience or prior knowledge qualifies them for a waiver of a particular course requirement, they must complete a Petition to Faculty form with the request and include a resume. Students will still be required to take another course in its place to fulfill the 36-credit requirement.

Fast Track

Fast Track for Syracuse University B.S. in Information Management & Technology Students

Advising Check Sheet

You can find the advising check sheet in Hinds Hall 114, Student Services, or ischool.syr.edu/academics/advising/handbooks-checksheets/.

The 36-credit Fast Track is an accelerated degree program for the M.S.A.D.S and allows students to complete as many as nine (9) graduate credits by the time their undergraduate degree is conferred. Fast Track also gives students the option to enter the workforce after graduation and complete the remainder of the program online and/or part-time. This advising check sheet is for Syracuse University B.S. in Information Management & Technology students only. Other Fast Track students should consult with their advisor.

Eligibility, Application Deadlines, and Fast-Track Timeline

Syracuse University undergraduate students in junior standing (between 54–83 total cumulative credits) are eligible for Fast Track, in addition to students at our partner schools. All students are encouraged to apply by February 1 or earlier; however, the deadline to indicate interest and apply is May 1 of their junior year. Admission to the graduate program will be conditional based on completion of the undergraduate program.

Common Core: 18 credits

The Common Core includes foundational knowledge in databases, data analysis and business analytics. Students will complete Common Core courses in an order which builds foundational knowledge and skills in preparation for more advanced work. Although not required in the ADS program, fast-track students can also consider a Data Science Internship the summer after their senior year for three credits.

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Disclaimer: Undergraduate coursework for specific graduate equivalent classes in this program must be at a B or better in order to not take the graduate equivalent class. While the equivalent undergrad course with a grade of B or better will fulfill the track requirement, a different graduate-level elective within the field must replace that substituted course/credit. Students can also consider a Data Science Internship the summer after their senior year.

Analytics Application Core: 3-6 credits

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**Fast Track for non-IM&T Students**

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Students are required to complete a portfolio milestone to provide an assessment of learning for their program. Students will choose assignments and projects worked on in courses during the course of study, which reflect abilities specified in the program learning outcomes for inclusion in their personal portfolio. A panel of faculty who teach the courses included in the program will review the portfolios of graduates during the student’s final term. The panel will approve the portfolio for each student as a transcript milestone required for the degree.
**Suggested Course Sequence for Students**

Below are some examples of different course sequences for an M.S.A.D.S. student, depending on the number of classes they register for in their term or semester.

### Two Courses per Term/Semester

*Common Core Class*

<table>
<thead>
<tr>
<th>Term/Semester</th>
<th>Course 1</th>
<th>Course 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MBC 638 – Data Analysis &amp; Decision Making*</td>
<td>IST 659 – Data Administration Concepts &amp; Database Mgmt*</td>
</tr>
<tr>
<td>2</td>
<td>SCM 651 – Business Analytics*</td>
<td>IST 687 – Introduction to Data Science*</td>
</tr>
<tr>
<td>3</td>
<td>IST 707 – Data Analytics*</td>
<td>IST 652 – Scripting for Data Analysis (example elective)</td>
</tr>
<tr>
<td>4</td>
<td>MAR 653 – Marketing Analytics OR different Analytics Application Core Course</td>
<td>IST 719 – Information Visualization (example elective)</td>
</tr>
<tr>
<td>5</td>
<td>MAS 777- Times Series Modeling and Analysis (example elective)</td>
<td>IST 736 – Text Mining (example elective)</td>
</tr>
<tr>
<td>6</td>
<td>IST 718 – Big Data Analytics*</td>
<td>IST 722 – Data Warehouse (example elective)</td>
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</tbody>
</table>

### Three Courses per Term/Semester

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<thead>
<tr>
<th>Term/Semester</th>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
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<tbody>
<tr>
<td>1</td>
<td>MBC 638 – Data Analysis &amp; Decision Making*</td>
<td>IST 659 – Data Admin Concepts &amp; Database Mgmt*</td>
<td>IST 687- Introduction to Data Science*</td>
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<tr>
<td>2</td>
<td>SCM 651 – Business Analytics*</td>
<td>IST 707- Data Analytics*</td>
<td>IST 664 – Natural Language Processing (example elective)</td>
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<td>3</td>
<td>FIN 654- Financial Analytics OR different Analytics Application Core Course</td>
<td>IST 719 – Information Visualization (example elective)</td>
<td>IST 736 – Text Mining (example elective)</td>
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<tr>
<td>4</td>
<td>MAS 777- Times Series Modeling and Analysis (example elective)</td>
<td>IST 718 – Big Data Analytics*</td>
<td>IST 722 – Data Warehouse (example elective)</td>
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### Four Courses per Term/Semester

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<th>Term/ Sem</th>
<th>Course 1</th>
<th>Course 2</th>
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<tbody>
<tr>
<td>1</td>
<td>MBC 638 – Data Analysis &amp; Decision Making *</td>
<td>IST 659 – Data Admin Concepts &amp; Database Mgmt*</td>
<td>IST 687- Introduction to Data Science*</td>
<td>SCM 651 – Business Analytics*</td>
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<tr>
<td>2</td>
<td>IST 707- Data Analytics*</td>
<td>IST 719- Information Visualization (example elective)</td>
<td>IST 652 – Scripting for Data Analysis (example elective)</td>
<td>SCM 702- Principles of Management Science OR different Analytics Application Core Course</td>
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<tr>
<td>3</td>
<td>MAS 777- Times Series Modeling and Analysis (example elective)</td>
<td>IST 718 – Big Data Analytics*</td>
<td>IST 769 – Advanced Data Admin Concepts and Database Mgmt (example elective)</td>
<td>IST 736 – Text Mining (example elective)</td>
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**Required and Recommended Pre-Requisites for M.S.A.D.S.**

- IST 652 is a recommended pre-requisite for IST 718
- IST 652 is a recommended pre-requisite for IST 736
• IST 659 is a recommended pre-requisite for IST 652
• IST 659 is a required pre-requisite for IST 722
• IST 659 is a required pre-requisite for IST 769
• IST 664 is a recommended pre-requisite for IST 736
• IST 687 is a required pre-requisite for IST 707
• IST 687 is a required pre-requisite for IST 718
• IST 687 is a required pre-requisite for IST 719
• IST 687 is a required pre-requisite for IST 736
• MBC 638 and SCM 651 are recommended pre-requisites for FIN 654
• MBC 617 OR MBC 635 and MBC 638 are required pre-requisites for SCM 702
• MBC 638 is a required pre-requisite for MAS 777

Preparatory Resources

Below is a list of links to preparatory resources for students who wish to attain knowledge of programming languages taught in the M.S.A.D.S either prior to the start of the program, or while matriculated in the program. While we do not require students to enter the program with prior knowledge of programming languages taught in our courses, we recognize some students may be interested in diving deeper or getting a jump start into these languages, particularly those who enter the program without a background or undergraduate degree in information technology, computer science, mathematics, or statistics.

• Data wrangling in R: lynda.com/R-tutorials/Data-Wrangling-R/594442-2.html
• Tutorial for R Markdown: rmarkdown.rstudio.com/lesson-1.html
• Try Python: An Interactive Python Tutorial: trypython.org
• Tutorialspoint online basic & advanced Python tutorials: tutorialspoint.com/python
• Python 3 tutorial: docs.python.org/3/tutorial
• IPython / Jupyter notebook: jupyter.org/ipython-doc/3/notebook
• Data Science Essential Training: lynda.com/Python-tutorials/Python-Data-Science-Essential-Training/520233-2.html

Data Science Programming Languages Used in M.S.A.D.S.

Programming Languages in M.S.A.D.S Common Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Machine Learning</th>
<th>Python</th>
<th>SQL</th>
<th>R</th>
<th>Big Data</th>
<th>DB Mgmt</th>
<th>Statistics</th>
<th>Visualizatio</th>
<th>Google Analytics</th>
<th>Tableau</th>
<th>MS Power BI</th>
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<tbody>
<tr>
<td>IST 659: Data Admin</td>
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<td>X</td>
<td>SQL</td>
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<td>IST 687: Intro to Data</td>
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<td>IST 707: Data Analytics</td>
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<td>IST 718: Big Data</td>
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<td>Apache Spark,</td>
<td>Hadoop 2.0,</td>
<td>Spark ML,</td>
<td>Pandas,</td>
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<td>Course</td>
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<td>ACC 652: Accounting Analytics</td>
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<td>MAR 653: Marketing Analytics</td>
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<td>FIN 654: Financial Analytics</td>
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<td>SCM 702: Principles of Mgmt Science</td>
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<tr>
<th>Course</th>
<th>Machine Learning</th>
<th>Python</th>
<th>SQL</th>
<th>NoSQL</th>
<th>R</th>
<th>Big Data</th>
<th>DB Mgmt</th>
<th>Statistics</th>
<th>Visualization</th>
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<tr>
<td>IST 652: Scripting for Data Analysis</td>
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<td>IST 664: Natural Language Processing</td>
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<td>NLTK</td>
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<td>IST 719: Info Visualization</td>
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<td>plotrix, igraph, maps, rworldmaps, ggplot2, lubridate, worldcloud2, RColorBrewer, png, rgl</td>
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<td>IST 722: Data Warehouse</td>
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<td>X</td>
<td></td>
<td>Microsoft Stack of BI Tools: SQL Server/ROLAP, MDBMS/MOLAP, ETL, Portals, KPIs</td>
<td>X</td>
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<tr>
<td>IST 736: Text Mining</td>
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<td>X</td>
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<td>Panda, Scikit Learn</td>
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<tr>
<td>IST 769: Advanced Data Admin Concepts &amp; Mgmt</td>
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<tr>
<td>IST 772: Quant Reasoning for Data Science</td>
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<td>(R/R Studio: includes packages for Bayesian methods, ANOVA, Regression, Time Series)</td>
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Differences between M.S. Applied Data Science and M.S. Business Analytics

The fields of business analytics and data science share the goal of using large amounts of data to understand information and solve problems. The most significant differences between them are the level of technical knowledge required by practitioners and how that knowledge is used. Through Business Analytics, students develop their abilities to interpret data and guide their organizations in making more evidence-based, actionable business decisions. Through Applied Data Science, students gain insight from complex data and apply analytical and technical skills to execute data-driven decisions. In Business Analytics, students and graduates are developing strategies based on data, while in Applied Data Science, students and graduates query, synthesize, and understand the data to provide to the Business Analytics “person”. Applied Data Science is a bit more technical, and students will still receive foundational business analytics knowledge through the primary core and analytics application core. In Business Analytics, students are not required to enroll in any of the more technical data science courses.

Career Directions

The choice between Business Analytics and Applied Data Science ultimately comes down to a student’s post-graduation career goals. Data scientists have been ranked as Glassdoor’s No. 1 best job of 2019, and they are critical to the success of any organization. As the data science field evolves, the demand for analytics skills continues to grow. Employers are actively seeking candidates with the advanced technical expertise to make data-driven decisions. Many Data Science graduates pursue jobs in the engineering and IT field and more technical roles that manage large amounts of data, create visualizations, and design and deploy algorithms that support decision-making tools. Business Analytics students desire greater business experience and specialized knowledge to lead their team or organization. They may work as business analysts or analytics managers, or they may need analytics knowledge to advance in marketing or accounting teams. In these roles, professionals extract data to explain trends, predict future performance, determine best approaches, and explain solutions to stakeholders.

Courses and Curriculum

Both programs are STEM designated and 36-credit hours.

Business Analytics

Students must take two required core analytics courses and four courses that apply analytics to essential business areas. For electives, students choose six in-depth elective courses from the School of Management and the iSchool. These include technical courses such as data warehousing and data analytics as well as business courses such as strategic brand management and finance. Students are also required to pass a comprehensive exam at the end of the last semester of their program.

Applied Data Science

Students must take six required core courses in analytics topics including data analytics, data analysis, database administration and business analytics. There is also a secondary core and students must choose one or two courses in applying analytics to business-related fields. Students also must choose four to five elective courses which include technical topics such as natural language processing, security, quantitative reasoning, scripting, and text mining. Students are also required to submit a portfolio milestone that provides an assessment and reflection of learning for the program at the end of their last semester of their program.

Applied Data Science Online

Since 1993, the iSchool has been offering high-quality graduate-level online learning opportunities to students around the world. Each year, students representing a broad range of professional, cultural, and academic experiences, ages, and geographic locations join iSchool online education programs. Courses are expertly designed to blend asynchronous coursework with weekly, online face-to-face live synchronous sessions in order to enhance student learning and engagement. Through this custom-designed blend of asynchronous and synchronous online learning, and immersion experience opportunities, iSchool online students can learn virtually anytime, anywhere, earning an SU degree with flexible study schedules and no need to relocate.

The iSchool takes a unique approach to online learning. Our online students earn the same degree as campus students, and the only differentiation is the mode of learning. iSchool online classes are taught by the same faculty who teach campus classes, who work with world-class content developers and are formally trained in online pedagogy. Our online students have access to a dedicated student support team that helps students acclimate to the virtual campus, guides academic planning, and offers additional support services specifically for online students. To learn more about our online programs, visit ischoolonline.syr.edu.

2U

The iSchool has partnered with 2U, Inc., to power and support the M.S.A.D.S. Founded in 2008 by a team of education and technology veterans, 2U works with top-tier academic programs to produce innovative distance learning, and enables leading colleges and universities to deliver their high-quality degree programs online to qualified students everywhere. The innovative learning technology platform helps students cultivate
lifelong professional relationships and personally interact with a worldwide community of students and alumni—all while having the flexibility to continue working full time. The M.S.A.D.S. curriculum was developed and is taught by faculty from the iSchool. For online delivery, the asynchronous content production and synchronous course meetings will be supported by 2U.

Academic Calendar

One difference between our campus and our online M.S.A.D.S. is the course schedule which differs from the typical University semester schedule. Traditional SU semesters run three times per year for 15 weeks: one in the fall, which begins in August, one in the summer, which begins in May, and one in the spring, which begins in January. Courses offered in our online M.S.A.D.S. run four times per year, or in quarter terms, for 11 weeks. SU has a separate academic calendar, a quarter-term calendar, which provides dates and deadlines specifically for our online students. This academic calendar lists registration dates, financial deadlines, first day of asynchronous coursework, first day of live face-to-face classes, final examination dates, grade availability, etc. The 2019-2020 quarter term calendar can be found at syracuse.edu/academiccs/calendars/quarter-term/.

Academic Support

Throughout their time in the program, online students will have access to one-on-one guidance from instructors, social and academic study groups, and university library resources. They will also be connected with a student success advisor who will assist you with academic and non-academic matters, such as time management. One enrolled in the program, the iSchool’s student success team can help acclimate you to the virtual campus and offer technical support. Online student success advisor can be reached at studentsupport@datascience.syr.edu.

Orientation

Prior to the start of classes, all online master’s students will participate in a Program Expectations webinar and complete an online iSchool Orientation Course. The Program Expectations webinar takes place in a live, online format and covers the topics of student support services, the three student interfaces: MySlice, 2U, and SU email (used for registration, communication, class sessions, and networking), technical requirements, an introduction to the iSchool Orientation Course, and general course expectations. The iSchool Orientation Course is a self-paced, online course hosted on the 2U learning management system. The course allows students to become familiar with 2U, through which they will access all courses, grades, upcoming events, peer contacts, and specialized student groups, as well as to become oriented to the school and profession. Students have access to the 2U platform and iSchool Orientation Course upon matriculation, and cannot begin courses until the iSchool Orientation Course is complete.

WeWork Global Access

As an iSchool@Syracuse student, you will have access to all WeWork spaces through a Global Access membership. WeWork is a global community of more than 240 workspaces where you can focus on your studies, attend online classes, organize meetings, and learn on-the-go. In addition to these tools for successful online learning, the programs offer a wealth of support services and career guidance resources. Please email admissions@ischoolonline.syr.edu to learn more.

Can Campus Students Take Online Classes?

One common question our campus students ask prior to registration each semester is if they can take an online course. It is important to note that campus students and online students register for classes at different times- please refer to the academic calendars at syracuse.edu/academiccs/calendars/. Just like campus students get priority for campus classes, online students get priority for online classes. Campus students need to wait so academic advisors can ensure all online students are enrolled in the proper classes, before they can get permission to enroll in an online class. Campus students should put themselves on the waitlist, and also keep in mind that online classes will overlap with the semester-based schedules.

Federal Registration Compliance Rules

While the iSchool offers classes both on-campus and online, there are Federal Registration Compliance Rules enforced by Syracuse University that must be adhered to. Students MUST register at least 50% of their credits in the mode of the program they are matriculated in; i.e. main campus students must register at least 50% of their classes in semester-length courses, and online students must register in at least 50% in quarter-term classes. Federal guidelines and rules can affect how you are allowed to register for online and main campus classes. These rules apply year-round but are especially important to keep in mind for campus students who are considering an extended internship, or want to take an online class in the summer. These rules apply whether you are a domestic or an international student, and they apply whether or not you receive federal financial aid. The majority of our online classes are on a quarter-term schedule, while our main campus classes are semester-based. To help navigate this, it helps to understand how our course section numbering system works. Once you learn this, you know immediately just by looking at the section number whether you are eligible to take the class.

What Do Different Section Numbers Mean?
When you view the course schedule, the format is often indicated by the section number.

- **M00x** - A section number that begins with “M00” indicates an on-campus class. If you look at the class schedule, you will see that an on-campus class has a room assigned to it. These semester-long classes begin in late August, mid-January, or mid-May.

- **M40x** - A section number that begins with “M40” is an online class that has asynchronous and synchronous content. This means that each week there will be asynchronous content that you are able to access and digest on your own schedule, as well as a live synchronous session, where you interact with the other students and your instructor in real time. These classes have a specific day-of-week and time-of-day listed, which is when those synchronous sessions occur. An important distinction about these classes is that they run on a quarter calendar. These courses have different registration dates and deadlines, so please refer to the quarter-term academic calendar.

- **M80x** - A section number that begins with “M80” is an online class that is completely asynchronous, although some faculty may add synchronous components such as scheduled live office hours. Courses offered in this online format have the same registration dates as our campus courses offered each semester and are typically 12-15 weeks long. These classes are considered semester-based, not quarter-term based.

**Registration Compliance Examples if you are a Main Campus Student:**

**In Compliance Examples**

The following example list of classes is in compliance. It shows 6 credits of semester-based courses and 3 credits of quarter-term.

- IST 649 M001 3 credits
- IST 971 M800 3 credits
- IST 722 M401 3 credits

The following example list of classes is in compliance. It shows 6 credits of semester-based courses and 3 credits of quarter-term.

- IST 645 M001 3 credits
- IST 719 M401 3 credits
- IST 649 M001 3 credits

**Not in Compliance Examples**

The following example list of classes is not in compliance. It shows 1 credit of a semester-based course and 3 credits within a quarter-term.

- IST 971 M801 1 credit
- IST 722 M402 3 credits

The following example list of classes is not in compliance. It shows 3 credits of a semester-based course and 6 credits within a quarter-term.

- IST 649 M001 3 credits
- IST 719 M401 3 credits
- IST 722 M400 3 credits

**Certificates of Advanced Study (C.A.S.)**

The Certificates of Advanced Study at the iSchool are 15-credit graduate-level certificates that can be taken as stand-alone certificates or as part of a graduate degree program. With a little planning, students can receive both the M.S.A.D.S. and a C.A.S. from the iSchool with only two additional courses to complete the C.A.S. Students who consider an iSchool C.A.S. want to study the latest in information field trends, learn about emerging technologies, boost their workplace edge, freshen their resume, and keep current with changes in the profession.

**Popular C.A.S. Programs at the iSchool**

**Data Science**

Matriculated Students in the M.S.A.D.S. are not permitted to simultaneously earn a C.A.S. in data science because the data science courses primarily associated with the C.A.S. directly overlap with the M.S.A.D.S. requirements. Non-matriculated students, however, are welcome to apply to the C.A.S. and can move into the M.S.A.D.S.

**Information Security Management**

Information is a critical asset within an organization, as lives and livelihoods depend on the continuation of information systems and their correct operation. With the increasing complexities of today’s hardware, software, and networking, the need for managing enterprise security becomes more pressing. Senior executives, IT managers, and technical staffs need to be well educated, with strong skills in ISM for their organizations. ISM students learn to manage a high degree of complex technical security, increased operational costs, diverse policies, and user behavior.

**Focus Areas:** Security policy, security technology, security management, network security, digital forensics, critical infrastructure protection,
privacy issues.

**Types of Jobs:** Information security manager, security administrator, security policy analyst, government IT security officer, security risk analyst, IT security specialist, information security consultant, cyber forensics analyst.

**How to Complete a C.A.S. with the M.S.A.D.S.**

We strongly encourage students who wish to add a C.A.S. to their graduate studies to add their chosen C.A.S. in their second semester of study. The final deadline for students to add a C.A.S. is the financial deadline to drop a class of their final semester of study. Visit the academic calendar to view the financial deadline to drop a class at syracuse.edu/academics-calendars. For information on how to apply, please contact your program manager or academic advisor.

Below is just one example of how a full-time campus-based student would complete a C.A.S. in information security management, concurrently with the M.S.A.D.S. degree. **Students will need to take two additional courses to complete this C.A.S.** To view the requirements of the C.A.S, please refer to the appropriate advising check sheet, which can be found in 114 Hinds Hall, Student Services, or ischool.syr.edu/academic/advising/handbooks-checksheets.

### Fall 2019

<table>
<thead>
<tr>
<th>Class #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 659</td>
<td>Data Admin Concepts &amp; Database Mgmt</td>
<td>3</td>
<td>MS Common Core and CAS elective</td>
</tr>
<tr>
<td>IST 687</td>
<td>Introduction to Data Science</td>
<td>3</td>
<td>MS Common Core</td>
</tr>
<tr>
<td>MBC 638</td>
<td>Data Analysis and Decision Making</td>
<td>3</td>
<td>MS Common Core</td>
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### Spring 2020

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<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 623</td>
<td>Introduction to Information Security</td>
<td>3</td>
<td>MS elective and CAS Primary Core</td>
</tr>
<tr>
<td>IST 652</td>
<td>Scripting for Data Analysis</td>
<td>3</td>
<td>MS example elective</td>
</tr>
<tr>
<td>IST 707</td>
<td>Data Analytics</td>
<td>3</td>
<td>MS Common Core</td>
</tr>
<tr>
<td>SCM 651</td>
<td>Business Analytics</td>
<td>3</td>
<td>MS Common Core</td>
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### Summer 2020

<table>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IST 625</td>
<td>Enterprise Risk Management</td>
<td>3</td>
<td>CAS Secondary Core example</td>
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### Fall 2020

<table>
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<tr>
<th>Class #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>IST 618</td>
<td>Information Policy</td>
<td>3</td>
<td>MS elective and CAS elective</td>
</tr>
<tr>
<td>IST 719</td>
<td>Information Visualization</td>
<td>3</td>
<td>MS example elective</td>
</tr>
<tr>
<td>MAR 653</td>
<td>Marketing Analytics</td>
<td>3</td>
<td>MS Analytics Application Core example</td>
</tr>
</tbody>
</table>

### Spring 2021

| Class # | Course Title                          | Credits | Notes                                      |
Focus Areas at the iSchool

In order to better serve students’ specific academic and professional interests, the iSchool suggests the following focus areas, which complement the degree curriculum and add value to their educational experience. Courses listed under each focus area are intended to supplement and strengthen students’ knowledge that is acquired through the existing primary and secondary core courses in the IM program. They are not intended as substitutions.

Data Storage and Management

How to leverage a suite of tools to configure, provision, archive and report storage activities, according to a defined set of management policies or processes.

Classes to take:
- IST 659: Data Administration Concepts and Database Management
- IST 722: Data Warehouse
- IST 769: Advanced Data Administration Concepts and Database Management
- SCM 651: Business Analytics

Data Engineering

How to manage, store, and retrieve large amounts of data.

Classes to take:
- IST 652: Scripting for Data Analysis
- IST 722: Data Warehouse
- IST 769: Advanced Data Administration Concepts and Database Management

Data and Information Security

How data should be used an information security risks.

Classes to take:
- IST 615: Cloud Management
- IST 618: Information Policy
- IST 623: Introduction to Information Security
- *note that an additional relevant iSchool course could be added as an elective for students who are interested in this area of focus.

Machine Learning and Big Data

Using statistical techniques to give computers the ability to “learn” with data, without being explicitly programmed. Big data is data sets that are so big and complex that traditional data-processing application software are inadequate to deal with them.

Classes to take:
- IST 664: Natural Language Processing
- IST 687: Introduction to Data Science
- IST 707: Data Analytics
- IST 718: Big Data Analytics
- IST 722: Data Warehouse
- IST 736: Text Mining
- IST 769: Advanced Data Administration Concepts and Database Management
- SCM 651: Business Analytics

Text Analytics
Analyzing and using machine learning on unstructured text data.

Classes to take:
- IST 664: Natural Language Processing
- IST 736: Text Mining

Structured Data Analytics and Visualization

A focus on data analysis using statistics, machine learning, and visualization techniques is at the center of this area.

Classes to take:
- IST 687: Introduction to Data Science
- IST 707: Data Analytics
- IST 718: Big Data Analytics
- IST 719: Information Visualization
- IST 772: Quantitative Reasoning for Data Science
- SCM 651: Business Analytics
- SCM 702: Principles of Management Science

Part 2: Graduate Student Policies

Academic Integrity

Syracuse University aspires to the highest standards of integrity and honesty in all endeavors. The Academic Integrity Policy is designed to make integrity and honesty central to the SU experience by: setting forth clear ethical expectations for students in their academic endeavors; promoting consistency of standards and practices across colleges, schools, and programs; encouraging reporting of suspected violations; and facilitating the resolution of cases as promptly as possible while providing thorough and fair consideration for students and instructors. Education is a central goal of the policy, including affording students an opportunity to discuss and learn from academic integrity violations.

Syracuse University's academic integrity policy and procedures are administered by the Academic Integrity Office (AIO) in the Division of Academic Affairs, and all schools and colleges. The AIO works with faculty, instructors, students, and staff to promote understanding of Syracuse University's academic integrity policy and coordinate its administration. The office also maintains records of all academic integrity cases. Graduate students must open a summary of Syracuse University's Academic Integrity expectations in MySlice twice a year and provide their electronic signature agreeing to uphold the AI policy.

Academic Integrity Policy

Academic Integrity Expectations

SU classifies academic integrity expectations in four broad categories, designed for educational purposes. Neither the categories themselves nor the examples of violations are exhaustive. Any action that improperly influences the evaluation of a student's academic work, gives one student unfair academic advantage over another, or encourages the violation of academic integrity by others constitutes a violation of this policy. SU sets general guidelines for University-wide academic integrity standards. In recognition that learning objectives vary across courses, SU also strongly encourages instructors to establish course-specific academic integrity expectations, particularly with regard to what forms of collaboration are allowed and prohibited. It is the responsibility of all instructors to communicate course-specific academic integrity expectations to students. Any student who is uncertain whether an action she or he is considering would violate academic integrity expectations is responsible for asking the instructor or consulting the AIO beforehand. Although most violations of academic integrity expectations will be course related, the SU has the authority and responsibility to respond to suspected violations in any context in which there is a threat to academic integrity at SU or involving SU students, courses, or programs.

Expectation 1: Credit Your Sources

Students must acknowledge their use of other peoples’ ideas, information, language, images, and other original scholarly and creative output when they incorporate these materials—directly or indirectly—into their own academic work. Sources include scholars and published research, as well as fellow students and other individuals who must be credited whenever their ideas are incorporated into another student’s work. At a minimum, proper citation requires using quotation marks to identify others’ verbatim language and providing in-text citations and bibliographic references to identify sources of direct quotation, paraphrasing, summarizing, and the borrowing of ideas and images. Sources must be credited regardless of whether those sources are published or copyrighted and regardless of whether they exist in print or online. Sources must be credited not only in written work, but also in oral and visual presentations, computer code, and other academic assignments, including any draft assignment submitted to an instructor, whether or not the draft will be graded.

Expectation 2: Do Your Own Work

Any work a student submits for a course must be solely his or her own unless an instructor gives explicit instructions allowing collaboration or
Student Status

Full-Time and Part-Time

SU considers a student full-time if they meet one of the three criteria below for the semester in which verification of full-time status is requested. A student’s status is used for a variety of purposes, including the determination of federal loan eligibility and/or repayment. Graduate students who do not meet the requirements for full-time status are considered part-time students.

- Students registered for full-time study (nine credits in the fall, spring, or summer in a program approved by the student’s advisor)
- Students who hold an appointment as a graduate assistant or fellow and are registered for the semester (fall and spring only)
- Students registered for fewer than 9 credits but for at least 0 credits of thesis, dissertation, or degree in progress for the semester and engaged, at a level equivalent to full-time study, in one or more of the following activities, as appropriate to and certified by their program:

To Whom Does This Policy Apply?

The academic integrity expectations and standards established by this policy apply to students in all SU-sponsored courses and programs regardless of whether the student is matriculated and whether the course takes place on campus, online, or off campus, including course- and program-related internships and SU Abroad programs. These standards apply equally to behavior that occurs within a course, such as plagiarism within a midterm essay, and academic behavior outside the course context, such as altering a transcript or misrepresenting academic accomplishments in pursuit of employment. Faculty, instructors, staff, and students who report a suspected academic integrity violation or serve within a midterm essay, and academic behavior outside the course context, such as altering a transcript or misrepresenting academic

Expectation 3: Communicate Honestly

Students are expected to be honest in their dealings with faculty, instructors, staff, and fellow students and to represent themselves and their academic endeavors accurately. This includes accurate reporting of participation in class, internships, and other academic activities, as well as honesty in requesting extension of deadlines and permission to reschedule assignments or exams due to illness or other extenuating circumstances. Honest communication also requires accurate presentation of research and research results, including avoidance of omissions or selective reporting of data that skew interpretation of findings. The expectation of honest communication includes the handling and representation of all academic records, documents, and resources of all kinds, including library, computing, and electronic records and systems related to academic work and education. Students are expected to represent themselves, their own academic work and the academic work of others honestly and to avoid falsifying, fabricating, or destroying academic records or otherwise misrepresenting their own or others’ identity and records.

Expectation 4: Support Academic Integrity

Students are expected to support and promote high standards of academic integrity at SU. This means avoiding actions that encourage or cover up violations by others. It also means asking questions of the relevant instructor or the Academic Integrity Office when academic integrity expectations are unclear to you. New York State Education law 213-b makes illegal the sale of written assignments that the seller knew or should have known would be used for fraudulent purposes. This policy prohibits the sale or purchase of completed or partially completed work for fraudulent use, including in-kind purchases and sales that occur when a student provides or receives work completed by someone else in exchange for making her or his own completed work available or earns money by persuading other students to make their completed academic work available.

In sum, supporting academic integrity involves understanding academic integrity expectations, abiding by them and encouraging others to do the same. Any action that threatens the integrity of academic pursuits at SU, including its courses, programs, and affiliates, constitutes a violation subject to reporting under this policy. This includes violating the confidentiality of an academic integrity case, deliberately thwarting an academic integrity investigation, and lying or misleading those carrying out an academic integrity investigation.

To read the full Academic Integrity Policy, visit class.syr.edu/academic-integrity.


Once students have submitted and filed their last semester memo, they cannot change enrollment and will not receive a CPT international.syr.edu/immigration-status/maintaining-visa-status.html ischool.syr.edu/academics/advising/advising-forms/ *iSchool students will be.

limited to 12 credits without special permission per semester, and pre-requisites of all courses will be cancelled. Please refer to the academic calendars to view registration dates for each semester or quarter terms. *iSchool students will be

week of classes. Before registration, all holds need to be cleared. If outstanding bills are not paid, early registration for the next semester may be

were taken in a subsequent term, either for financial reasons or for scheduling convenience. The same rule also applies to internships taken for

for the purpose of making up an incomplete. Students may not attend a class without officially registering, and then register for the class as if it

Immigration regulations place restrictions on the number of online courses students can register for each semester. F-1 students cannot

if the summer session is the student's first semester, then the student must maintain full-time enrollment of at least six credits for that summer

For Syracuse University F-1 students, a full-time course load is required during the fall and spring semesters. Full-time enrollment means

graduate students must enroll for at least nine credits every semester. Students are not required to enroll in courses during the summer; however, if the summer session is the student’s first semester, then the student must maintain full-time enrollment of at least six credits for that summer session. Immigration regulations place restrictions on the number of online courses students can register for each semester. F-1 students cannot register for more than three online credits per session towards the “full course of study” requirement. For example, a graduate student required to register for nine credits per semester to maintain full-time status can take only three of those credits through an online class each semester; six credits must involve campus-based courses. Students who are in their last semester and do not need to be registered full-time, cannot register for only online classes in their last semester. They must be enrolled in a course that meets on campus for the entire semester. For more information, visit international.syr.edu/immigration-status/maintaining-visa-status.html

Registration and Grading

Students must be officially registered in order to attend, be evaluated, audit, and participate in classes. An instructor may not allow students to attend classes and/or submit work unless their name appears on the official class roster or unless they are attending with the instructor’s approval for the purpose of making up an incomplete. Students may not attend a class without officially registering, and then register for the class as if it were taken in a subsequent term, either for financial reasons or for scheduling convenience. The same rule also applies to internships taken for credit, independent studies, experience credit, and so on. Instructors have the option to administratively drop students who do not attend the first week of classes. Before registration, all holds need to be cleared. If outstanding bills are not paid, early registration for the next semester may be cancelled. Please refer to the academic calendars to view registration dates for each semester or quarter terms. *iSchool students will be limited to 12 credits without special permission per semester, and pre-requisites of all courses will be enforced.

Matriculated and Non-Matriculated Students

A matriculated student is defined as one who has applied for, been formally admitted to, and has registered for one or more courses in the degree or certificate-granting program to which they have been admitted. Students must be matriculated to receive a degree or certificate from the University. Students who take an official leave of absence maintain matriculation status. Non-matriculated students are held to the same academic standards as matriculated students. A non-matriculated graduate student is one who has earned a bachelor's degree at SU or elsewhere, but has not been formally admitted to a degree or C.A.S. program at SU. This status applies whether registering for graduate or undergraduate courses.

Student Status for International Students

Immigration regulations require that F-1 and J-1 be registered as full-time students at Syracuse University in fall and spring semesters or be otherwise considered to be maintaining valid F-1 and J-1 status. Graduate students who begin their programs of study in the summer, must register for a minimum of 6 credits in the first session of study and must attend at least one course that meets on campus for the entire session. Otherwise, graduate students are required to register for nine or more credits every semester, with some exceptions:

• Students who have graduate assistantships are considered to be full-time students as long as they are registered for the semester.
• Students who are registered for less than nine credits but are considered to be full-time students based criteria specified on the Certification of Full-Time Status are considered to be full-time students on as long as they are registered for the semester and have filed the Certification of Full-Time Status with the Registrar’s Office.

Last Semester Exception to Full-Time Registration:

• Students who are in their last semester are allowed to register for less than a full course of study, but must enroll in classes that meet on campus for the entire semester and must file a Last Semester Memo with the Slutzker Center.
• Graduate students who will complete their programs of study in the summer, must be considered to be full-time students in the spring and must attend at least one course that meets on campus during their last summer session or be registered for the summer and have filed a Certification of Full-Time Status with the Registrar’s Office for the summer

Last Semester Memo for International Students

All international graduate students must complete this form during their last semester, and should do so as early as possible during the semester. The form can be completed electronically, signed by your academic advisors, and then submitted to the Slutzker Center for International Services. **Once students have submitted and filed their last semester memo, they cannot change enrollment and will not receive a CPT letter.** You can find the form here: ischool.syr.edu/academics/advising/advising-forms/

Online Courses and Full-Time Status for International Students

For Syracuse University F-1 students, a full-time course load is required during the fall and spring semesters. Full-time enrollment means graduate students must enroll for at least nine credits every semester. Students are not required to enroll in courses during the summer; however, if the summer session is the student’s first semester, then the student must maintain full-time enrollment of at least six credits for that summer session. Immigration regulations place restrictions on the number of online courses students can register for each semester. F-1 students cannot register for more than three online credits per semester towards the “full course of study” requirement. **For example, a graduate student required to register for nine credits per semester to maintain full-time status can take only three of those credits through an online class each semester; six credits must involve campus-based courses. Students who are in their last semester and do not need to be registered full-time, cannot register for only online classes in their last semester. They must be enrolled in a course that meets on campus for the entire semester. For more information, visit international.syr.edu/immigration-status/maintaining-visa-status.html**
Adding and/or Dropping Courses

After registration, students may adjust their schedules by adding or dropping courses upon receiving the necessary approvals. Registration and schedule adjustment may be conducted on the web through MySlice. Please consult the academic calendar on SU’s website for these dates. Adding of courses or entire registrations after the add deadline is no longer allowed. Online students can email their online student success advisor for more information.

Auditing Courses

SU’s registration policy prohibits students from attending, being evaluated, auditing, or otherwise participating in courses without being officially registered or enrolled. Instructors may not allow students to attend classes and/or submit work unless they appear on the official class roster or are attending with the instructor’s approval for the purpose of making up an incomplete (I) grade. Students auditing courses are not responsible for fulfilling the academic requirements of the course, and, therefore, do not receive academic credit for audited courses. Audited courses are non-credit and are not counted toward enrollment status, however, students are allowed to register for a course they previously audited to receive a grade. If a graduate student is registered full-time, or for nine credits, the fourth class they take can be audited for free. If a graduate student is registered for only six credits and wants to audit a three credit course, they are financially responsible for the course. Students may only audit courses with the approval of the appropriate department and subject to the restrictions made by the instructor. Online courses may not be audited.

Double Major/Dual Degrees

While there is no such thing as a “dual” degree at the graduate level, students can enroll in two master’s degrees concurrently. New York State Education Department, NYSED, limits the counting of credits toward multiple degrees and/or programs to protect the academic integrity of each degree and/or program. When a student is counting credits towards multiple degrees and/or programs in the same or closely related field(s) and the coursework makes up an integral part of the degrees and/or programs, the following restrictions apply:

- The student must be admitted to the degree program in each of the awarding departments/colleges.
- In no instance shall course credit be counted more than twice in satisfaction of the requirements for multiple degrees and/or programs.
- In order to earn two or more degrees and/or programs, including a C.A.S., students must earn a minimum of 80 percent of the combined total of SU credits normally required for each of the degrees.

Please contact your academic advisor more information and exceptions to these rules.

Incomplete Grades

An incomplete grade may be granted to a student only if it can be demonstrated that it would be unfair to hold the student to the normal limits of the course. Illness or other exceptional circumstances are the usual basis for consideration. To receive an incomplete, a student must submit the Request for Incomplete form at ischool.syr.edu/academics/advising/advising-forms before the instructor turns in grades for the semester. An incomplete is calculated immediately as an F in the grade point average, and will affect a student’s overall GPA. In the Incomplete Request form, the instructor needs to specify, in detail, remaining course requirements to be met by a certain date before a final grade is given. The purpose of an incomplete is to finish the specified coursework and replace the incomplete with a final grade by the deadline date given in the form. If a student has to complete so much work to be re-added to a class in a subsequent semester, that does not justify an incomplete- the student simply has to pay to retake the class. A student may have no more than two incomplete grades on his or her record at the time of registration, and a student may not graduate with outstanding incompletes.

Minimum GPA to Continue Graduate Work

Graduate students must earn at least a 2.8 cumulative GPA in the first 30 credits of graduate study at SU. If students fail to meet this requirement, they may be put on academic probation or their matriculation at SU may be cancelled.

Minimum GPA to Graduate

In order to graduate, graduate students must earn a 3.0 cumulative GPA.

Retaking Courses

Graduate students may retake a course in which they earned a grade of C+, C, C-, or F, with the approval of their department/college and the Graduate School. Graduate courses may be retaken only once. A repeated course replaces the original course on the student’s degree program of study, but both the original course and the repeated course will appear on the student’s transcript and both courses will calculate unless the original course is flagged. For information on how to flag a course, please speak to your academic advisor.

Time to Degree
Students must complete their degree requirements for the M.S.I.M. within seven years from the time the student registers for the first course to be used in the master’s degree program. If a student does not meet this requirement, the student may petition their school/college for reinstatement of credits that were completed outside the seven-year timeframe.

Transcripts

SU maintains a permanent academic transcript showing a complete list of courses and grades earned by each student, matriculated or non-matriculated, who takes credit-bearing coursework through any SU program. The transcript may not be modified or selectively altered for any reason, including ignorance of deadlines or academic rules. Once a degree is conferred, the transcript may not be changed except in cases of subsequently discovered fraud or academic dishonesty, when assessments that more accurately represent academic work completed prior to degree certification are discovered, or to correct administrative errors. In extreme cases, such changes may include the rescinding of a degree. Transcripts may be obtained from the Registrar’s Office. SU reserves the right to withhold copies of transcripts of students who have not fulfilled their financial obligations to the University or by request of the Office of Student Rights and Responsibilities.

Transfer Credit

Many students transfer into the iSchool from another graduate program within SU, or another institution. As an incoming transfer student, there are a few items to keep in mind:

- No scholarships awarded to students by another school will transfer into the iSchool
- International students with a non-STEM visa who are coming into a STEM program, and international students who are transferring into a program with a higher or lower number of credits needed to graduate, must notify the Slutzker Center so that they can report the facts of their present situation to immigration services for potential visa adjustment
- Students may transfer a maximum of 6 credits of elective courses into the M.S.A.D.S. program from outside of the iSchool or Syracuse University. Students who want to transfer in courses from outside of the iSchool but within SU are required to submit a Petition to Transfer Credits form. This will meet the six-credit transfer policy of the program and no more non-IST classes would be allowed. Students who want to transfer in courses from outside of the iSchool but within SU are required to submit a Petition to Faculty form. All classes being transferred in, whether from SU or outside of SU require a minimum grade of B, the course completed should be graduate level, and credits must have been earned within seven years of when the student graduates from the iSchool. Petition forms can be found here: [ischool.syr.edu/academics/advising/advising-forms/](ischool.syr.edu/academics/advising/advising-forms/).

Graduate Degree and Graduation Requirements

Applying for Graduation

Please review the website for graduation requirements here: [ischool.syr.edu/academics/advising/graduation-requirements/](ischool.syr.edu/academics/advising/graduation-requirements/)

File Diploma Request

Graduating students must notify SU that they intend to graduate through the File Diploma Request process, accessed through MySlice. Only students who complete this process are included in degree certification review, have their name included in the iSchool’s Convocation booklet, and will receive information about Commencement. Log into MySlice. Under Student Services, Academics, select File Diploma Request. Specify the term, and provide information for the diploma, including a mailing address. The Graduate School establishes deadlines to file for graduation, published on their website: [graduateschool.syr.edu/policies-and-requirements/graduation-requirements/](graduateschool.syr.edu/policies-and-requirements/graduation-requirements/). Each semester, an email will be sent to the program listservs to inform students of the deadline to file a diploma request. Online students will receive notification from their online student success advisors.

Program of Study

In addition to a diploma request, students must complete and submit a Program of Study Form in their last semester of study. This form is required for certification of the graduate degree. The exact deadlines to submit the Program of Study forms will be communicated to students on the program listservs and from the academic advisors. Campus students must submit this form to iAdvising and online students must submit the forms to their online student success advisor. Students in more than one degree program need to submit separate Program of Study forms for each program: i.e: one for a C.A.S. and one for the M.S.A.D.S., listing only the classes on the form that count towards that particular degree. The form can be found at [ischool.syr.edu/academics/advising/advising-forms/](ischool.syr.edu/academics/advising/advising-forms/).

Commencement and Convocation

SU has one graduation ceremony each May, called Commencement. Commencement includes all SU students: undergraduates, graduates, and Ph.D. students, and it is a celebratory event, not a requirement. Individual schools and colleges host celebratory Convocations on a separate day from Commencement, to individually recognize each degree candidate on stage and to present special awards. For more information on eligibility, dates, and activities, visit [commencement.syr.edu](commencement.syr.edu).
Request for Certification of Degree Letter

A student who has fulfilled all of the degree requirements before the next conferral date may need certification for employment or to meet visa requirements. To request a degree certification letter, contact the Registrar’s Office at 315.443.2422, registrar@syr.edu, or stop in at 106 Steele Hall. Students will be required to provide identifying information and/or a photo ID when they make the request and a fee may apply.

When You Receive Your Diploma

Each school and college at SU certifies the completion of its students’ degree requirements. The certification process generally takes four to six weeks after the completion of requirements. Once certification is complete, the Registrar’s Office posts the award and orders the diploma. When posted, the degree appears on the academic transcript. SU awards degrees and certificates four times per year for both online and campus students: in May, June, August, and December. Students’ degrees are awarded for the award date that falls on or after the date on which all degree requirements were completed. For example, online students who complete their degree requirements in March, after the Winter term, will not have their degree certified until May. Only students who have submitted their Program of Study and File their Diploma Request will have their degree certified.

The Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) sets forth requirements regarding the privacy of student records. FERPA governs both the access to and release of those records, known as education records, and the information they contain. Under FERPA, faculty have a legal responsibility to protect the confidentiality of student records. For additional information about FERPA and SU’s FERPA policy, see registrar.syr.edu/students/student-privacy-rights/, or contact the Registrar’s Office at 315.443.2422.

Health Insurance

To ensure students are prepared for medical situations that could create barriers to their learning, SU requires full-time, matriculated graduate students to carry qualifying health insurance coverage. Through the SU Student Health Insurance Plan (SHIP), eligible students have access to comprehensive health care coverage. All full-time, matriculated graduate students are eligible for SHIP. Once per academic year, eligible students must enroll in or waive out of the SHIP through their MySlice account. The SHIP is currently insured and administered by Aetna Student Health. This plan is ACA-compliant, provided by a U.S.-based insurer, and includes emergency and non-emergency coverage in the Syracuse area. For more information, visit healthinsurance.syr.edu.

Religious Observances

SU recognizes the diversity of faiths represented in its campus community and supports and protects the rights of faculty, staff, and students to observe religious holy days according to their traditions. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance, provided they notify their instructors no later than the end of the second week of classes. Student deadlines are posted in My Slice under Student Services/Enrollment/My Religious Observances/Add a Notification. For more information, visit policies.syr.edu/policies/university-governance-ethics-integrity-and-legal-compliance/religious-observance-policy.

Orange Alert

Orange Alert is the campus crisis alert notification system directed by SU’S Department of Public Safety, designed to provide rapid notification and instruction to SU students, faculty, and staff in the event of a crisis in progress-an instance in which there is an immediate threat of physical harm to members of the campus community. When activated, Orange Alert uses email, text messaging, and cell/landline phone calls to send a brief notice about the situation and instructions for what to do. A typical message might read: “There is a (type of crisis) on campus at (a specific location); evacuate the area immediately and remain away until further instructed.”

Syracuse University will use reasonable efforts to provide timely, complete, and accurate information regarding crisis situations via the Orange Alert system. Orange Alert contact information is drawn from the MySlice online information system. To report an emergency while on campus, please use the following:

- From a campus phone: 711
- From a non-campus or cell phone: 315.443.2224
- From a cell phone: (AT&T or Verizon): #78

For complete details on emergency procedures, visit emergencyguide.syr.edu.

Part 3: M.S.A.D.S. Program Administration Policies

First Week of Class Attendance Policy for Campus Students
Many of our graduate-level classes at the iSchool are very popular and heavily enrolled due to the topic at hand and instructor availability. If a campus student has not attended class by the end of the first week of that class in any given semester, the professor has the right to drop or un-register the student from that class. Instructors will provide a list of students who have not attended class in the first week to Student Services, who will then drop the students from their class. In order to stay registered in their courses, campus students must attend the first week of class in each semester. Online instructors may also choose to have students dropped from their class if they missed the first live face-to-face synchronous session.

Graduate Program Transfer

Students interested in transferring to another program within the iSchool can see the M.S.A.D.S. program manager, academic advisor, or iSchool Enrollment Management office for the Graduate Program Transfer application form. If a non-iSchool student is transferring to another M.S. program, then in addition to the form, they will need to submit an updated resume and a 500-word personal statement indicating why they wish to transfer. These forms should be submitted to our Enrollment Management team in 002 Hinds Hall. Questions can be sent to your program manager, academic advisors, or Bridget Crary at bmcrary@syr.edu. Students who wish to transfer out of the M.S.A.D.S. should consult with the department they are interested in transferring to.

Independent Study

Students who already possess significant work experience may elect to do a culminating project as an independent study (IST 690) in place of another course. No more than 12 credits of a student’s program can be taken as independent study. Students who are interested in this option should discuss it with the program director, program manager, sponsoring faculty member, or academic advisor. Registration for an independent study cannot be done online. Instead, students are required to complete a Proposal for Independent Study form, available from the Student Services Office, or online at ischool.syr.edu/academics/advising/advising-forms. The form must be submitted to the Student Records Office, 106 Steele Hall. The registration is pending until the completed form has been submitted. Online students can submit the form to their online student success advisor.

iSchool Success and Employability Policy for International Students

We are dedicated to supporting our international students’ success and employability. For this reason, we require that students with TOEFL scores below 100 or IELTS scores below 7.0 take IST 678: Communication for Information Professionals. Students who fall into this category will take an English assessment exam when they arrive on campus. If the exam score is high and indicates that this course would not be beneficial to the student, they may opt out of taking it. IST 678: Communication for Information Professionals is a three credit course that will not apply to the required credits for your academic program, but will apply to your GPA, or grade point average. The iSchool believes that this course is very important to academic and employment success; therefore, students will not be charged tuition for taking this course.

Pursuing Multiple Graduate Degrees/Adding a C.A.S.

Students who wish to pursue multiple graduate degrees or a C.A.S. in addition to their M.S. can see the M.S.A.D.S. program manager, academic advisor, or iSchool Enrollment Management office for the Internal Admission application form. If you are an iSchool M.S. student applying for a C.A.S., only the internal form is required. Students are encouraged to add a C.A.S. in their first year of graduate study. The final deadline for students to add a C.A.S. is the financial deadline to drop a class of their final semester of study. If a C.A.S. or non-iSchool student is applying to an M.S. or C.A.S. program, then in addition to the form, they will need to submit an updated resume and a 500-word personal statement indicating why they wish to add the program. Campus students should submit the forms to our Enrollment Management team in 002 Hinds Hall. Online students should submit the forms to their online student success advisor. Questions can be sent to your program manager, academic advisor, or Bridget Crary at bmcrary@syr.edu.

Job Opportunities at the iSchool

Faculty Assistant Program

The faculty assistant program gives selected master’s students the opportunity to work closely with faculty researchers and practitioners at the School of Information Studies. Faculty assistants (FAs) are chosen through an online matching process and students are notified if they were selected to work with a faculty member. Students cannot be hired for these positions in advance of a semester, and positions are not guaranteed. Students should not email faculty to inquire about positions—the positions that are available will be posted through the online process, and hiring can only be done through that online application and selection process. Please be aware that there are fewer positions than applicants, so it is important that students follow the guidelines carefully and hone their skills for self-presentation. International students are limited to 20 hours per week of paid work while in school, but they may work more than this during periods where school is not in session. You will be informed if SU records indicate that the work hours of an FA position for which you are hired will mean that you have a work hour total that exceeds this amount. Details and complete application instructions can be found at ischool.syr.edu/academics/special-initiatives/faculty-assistant-program.

Graduate Assistants (GAs)

There are only a few graduate assistant positions available at the iSchool. Unless specific announcements are sent out by email or through online
posting, these are not something to which a student applies; rather the student interacts directly with the sponsoring professor to get to know of these opportunities. Some research GAs are available, but these are only with professors who have grant funding. In general, a professor will hire students who they have had in classes, know from projects, who have demonstrated good performance in the subject area with a desire to work in depth on a given topic. If you are interested in working on a research project, getting to know professors who are working on such projects through taking their classes or otherwise building an individual relationship with them is the best way.

Other Employment Opportunities on Campus

All student job opportunities are posted through SU's Job Opportunities website, www.sujobopps.com. Jobs are posted continuously throughout the year.

Scholarships and Student Aid

Scholarships for the M.S.A.D.S. program are available for the on-campus program only. At the graduate school level, financial aid is merit-based, unlike the need-based aid students may have received during their undergraduate studies. Graduate school aid is limited and highly competitive, and the majority of funds are given out during the initial admissions process. However, we do offer the opportunity for current, matriculated campus students to apply for merit-based aid throughout their studies, typically awarded in the form of tuition credits. Students need to submit an online application each semester in order to be considered and are required to write a reflective essay prompt that reflects on work or other projects completed and how the work honors the iSchool values. The pool of credits awarded each semester varies, as does the number of students who apply and are awarded. We cannot guarantee all students will receive an award. Students cannot receive more than one scholarship or merit-based award in a given semester, and are required to maintain a 3.0 in order to receive and keep their award. Campus students can contact the M.S.A.D.S. program manager for more information.

Part 4: Student Life at the iSchool

Student Populations at the iSchool

International Students

The iSchool educates students from more than 30 countries and all corners of the globe. We take pride in our rich diversity, which is reflected in the range of nationalities, experiences, and backgrounds of our students and faculty members, and the career opportunities available to our graduates. From faculty research to international study abroad experiences, global collaborations to alumni placement, the iSchool has a strong international presence to complement the extensive international network at Syracuse University.

Slutzker Center for International Services (SCIS)

New students coming to SU for the first time may be filled with anxiety and questions about their first day. What should you bring? Who will meet you? How do you get to campus from the airport? For international students, SCIS is the first and possibly most important place you will visit on campus. SCIS works closely with the Graduate School and all academic departments to assure that international graduate students enrolled at SU can achieve their academic objectives and become an integral part of the SU academic community. SCIS' primary objective is to assist international students in maintaining compliance with U.S. immigration laws, and provides information and updates on immigration regulations, seminars on immigration topics, and walk-in appointments with an advisor. SCIS is the place to go on campus if you have questions regarding curricular practical training (CPT), employment, health insurance, immigration regulations and status, optional practical training (OPT), passports, travel, the I-20, and visas. SCIS staff is also the best resource for important check-in documents, information about different offices and points of contact around campus, and information about housing, banking, driving, taxes, and technology. If you have personal, social, academic, health, housing, or financial problems, the SCIS staff offers advice and counseling.

SCIS provides all students with an orientation program designed and conducted especially for new international students. This orientation program is held the weekend prior to the opening weekend of the University. Check the website for the exact time, date, and location of orientation. To ensure you do not miss any important information, be sure to check your syr.edu email account on a regular basis. Visit international.syr.edu for more information.

Military Students

The iSchool is uniquely equipped to provide an education to veterans and those currently serving in the military. SU is proud to have a tradition of service, and the iSchool continues that tradition by offering veterans cutting-edge curricula, the highest quality programming, and an opportunity to connect with the people, resources, and programs you want to pursue at the University. Military and veteran students have the opportunity to have their military training and coursework considered for academic transfer credit. Eligibility will be determined at the time of a student's initial application to the iSchool. This process should be initiated by sending a request along with a military transcript (JST, CCAF transcripts, or other official documentation as requested by the iSchool). Military students should contact Vicky Williams, Director of Online Education at the iSchool, who works specifically with this student population.
Syracuse University Resources for Military Personnel and Veterans

There are a number of resources available to military and veteran students and families, beginning with the initial program inquiry and continuing through degree program completion and beyond. Students can find all of the information below and more at vrc.syr.edu or ivmf.syracuse.edu.

- **Yellow Ribbon Program**: SU is a member of the Yellow Ribbon Program. Application fees are waived for all veterans.
- **Veterans Resource Center (VRC)**: Dedicated to providing services to military students and veterans at the University. From navigating military educational benefits to connecting with other veterans at Syracuse, the VRC is the first place for veterans to find the people and resources they need to successfully complete their degree at SU.
- **VetSuccess On-Campus Coordinator**: A Veterans Affairs employee available as an on-campus resource for all veterans attending SU, and here to encourage, promote, and support veterans to be successful in their educational and career endeavors.
- **The Veterans Career Transition Program (VCTP)**: Available for veterans, spouses, and spouses of active-duty military, operated by the Institute for Veterans and Military Families and designed in part by the iSchool, to help individuals in military careers transition to careers in civilian business, industry, government, and more. The VCTP offers three exclusive online study tracks in professional skills, technology, and independent study, as well as access to exam preparation and industry certification exams—all at no cost to participants.

Career Services and Employer Relations

The iSchool believes in teaching students the skills they need to be successful on the job market. We house our very own Career Services and Employer Relations team, assisting students across all of our programs in their career development by providing individual counseling, strategic job search resources, resume and interview preparation, and professional development events. The team also connects employers with the iSchool in numerous ways, from recruitment and internship opportunities to collaboration in curriculum development. While many career development programs are iSchool specific, we work with career service offices across SU so students can experience programming in many disciplines and with a diversity of potential employers. Students should follow and read their program listserv messages to hear about job and internship opportunities. More information on iSchool Career Services can be found on our website: ischool.syr.edu/careers/career-services/

Drop-ins and Advising

iSchool campus students must make an appointment to meet with career services for one-on-one advising and in-house career advice. iSchool online students can contact the career services office at careerservices@ischoolonline.syr.edu.

Career Fair

The iSchool holds a career fair on campus every fall and spring semester in which a variety of top employers in the information industry connect with iSchool students. iSchool online students can contact the career services office at careerservices@ischoolonline.syr.edu.

Career Development Workshops

Career Services presents multiple offerings on campus throughout the semester in areas such as: Preparing for and Conducting Your Job Search; Resume and Cover Letter Writing; Interviewing Skills and Preparation; and Communicating with Employers, LinkedIn, and other forms of networking.

Employer Visits and Guest Lectures

The iSchool hosts a number of employers on campus each year who run seminars, host office hours, and serve on career-related panels. Representative companies include: Excellus BC/BS, O’Brien & Gere, IBM, Microsoft, Ernst & Young, Deloitte Consulting, Goldman Sachs, and start-ups.

Internships

M.S.A.D.S. students are not required to participate in an internship unlike graduate students enrolled in other iSchool Master’s degrees. However, we recognize that education extends beyond the formal classroom and that such work does enhance a student’s ability to be able to work in the field. Please read below for clarifications on how experiential learning work in the field can be applied to the M.S.A.D.S program, especially as it concerns International Students. Domestic students may also elect to substitute an internship for a program elective, provided that they are not using current full-time work experience to do so.

M.S.A.D.S. students may elect to work in a degree-related employment experience by filing up to a maximum of three credits of IST971 to substitute for one program elective. This is permissible only if the work is directly related to Data Science. Registering for this CPT credit and being able to work, is subject to all the provisions governing work in the US by international students. The official University policy on this can be found here: international.syr.edu/immigration-status/employment.html. An international student must file for at least one credit of CPT for every semester/term that they are employed in this relevant experiential learning work. If a student files for less than three credits of IST971, the first
two credits cannot be substituted for an elective, and are considered additional to the program. Only a total of three credits of IST971 can be directly substituted for a program elective course. Substitution of IST971 for an elective in the M.S.A.D.S program must be done by official petition. Since IST971 may be taken in one-credit increments, petitions for program substitution for one M.S.A.D.S program elective course can only be approved once a total of three credits of IST971 have been earned. Do not assume that a particular work situation will qualify for future program credit. Please be sure you ask first before you commit to a work engagement that you intend to count toward the program. If you have any additional questions about whether the work you wish to do will qualify, please contact your academic advisor.

CPT Recommendation Letters (International Students Only)

To receive a CPT letter of recommendation from the iSchool, your internship offer letter must state your employment is an internship with a start and end date. The start date must occur in the future and cannot be backdated. Internships cannot be filed after the fact, as the iSchool needs to provide the Slutzker Center with a copy of the internship offer letter along with the CPT recommendation letter.

Student Involvement at the iSchool

Experiential Groups and Research Centers

The faculty of the iSchool cross disciplinary boundaries to integrate the common elements of information management in business, government, education, and nonprofit settings, including the relationship of information and knowledge, electronic and traditional libraries, information systems and technology, information resources management, information policy and services, and the study of information users. Many of the faculty conduct their research individually and in small, flexible, interdisciplinary teams. For certain specialized areas and cross-unit collaborations, however, research centers and laboratories provide a venue that supports long-term commitment to a particular research area. To view all research centers and labs and their descriptions, as well as research areas of our more than 30 tenured and tenure-track faculty, please refer to our website, ischool.syr.edu/research. More information on our Research Centers and Labs can be found here: ischool.syr.edu/research/centers-and-labs/

Center for Emerging Network Technologies (CENT)

The mission of the Center for Emerging Network Technologies, or CENT, is to understand the future of networking technologies, and to engage students, faculty and industry in the process of defining and shaping that future. Convergence refers to the power of digital media to provide unified communications and new applications, devices and networks involving voice, video, data, text and money. Emerging Network Technologies refers to the other economic and technological trends affecting networking, such as new architectures and protocols and new forms of wireless broadband access. The Center’s research is interdisciplinary and applied, focusing on the management and use of networks and communication as well as relevant public policy and industrial organization issues. The Center serves three distinct constituencies: 1.) It provides a platform for faculty research on digital convergence and networking, 2.) It provides experiential learning for graduate and advanced undergraduate student teams, and 3.) It serves as a mutually beneficial learning interface between the networking technology industries and the School of Information Studies. For more information on projects in CENT, visit ischool.syr.edu/research/research-centers/center-for-emerging-network-technologies/

iConsult Collaborative

The iConsult Collaborative is a university-wide program to build experience for students through real-world client projects involving digital transformation. Student participants in iConsult form project teams representing needed specialty domains of the schools and colleges of the University. Each iConsult team works under the direction of faculty mentors and a student Project Leader who oversees the client relationship and the team’s deliverables. iConsult Project teams analyze, design, recommend, and apply known information tools and approaches to help clients integrate digital technology into their organizations. In 2018, iConsult was revised and expanded into a University-wide program in collaboration with both corporate and community engagement partners and sponsors. This gives the opportunity to involve students from multiple schools and colleges within the University in cross-functional teams. The iConsult Collaborative, as it is now known, builds upon its long-term foundation to work on a broad range of projects leading toward the digital transformation of its clients in several business sectors. The iSchool directs and manages the iConsult Collaborative on behalf of the University. For more information, visit ischool.syr.edu/careers/careerkickoff/iconsult/

Experiential Learning

The iSchool is committed to student success, and gives all students the opportunity to immerse themselves in culture and entrepreneurship opportunities all over the world. There are many opportunities for iSchool students to develop the tools that will enable them to function in this global economy, whether it be immersing themselves in the culture of some of the most exciting cities in Asia and Europe to learn how global corporations use information to address global technology challenges, spending Spring Break in Silicon Valley, or taking a road trip to New York City to get a firsthand look at companies, entrepreneurs, and venture capitalists. To find a detailed list of current Experiential Learning opportunities, please visit ischool.syr.edu/academics/experiential-learning/

Student Organizations

The iSchool has more than 15 recognized student groups that uniquely support the needs and interests of our students, as well as provide
Part 5: Syracuse University Support Services

The Division of Student Affairs at Syracuse University works with students, faculty, staff, and community partners to deliver programs and services to enhance the student experience at SU. Their work also shapes the culture of our campus community, which is one that cares, understands, and is connected to one another. The Division of Student Affairs fosters students' intellectual, personal, and professional growth, and prepares students for success on campus and beyond graduation. Most importantly, the division strives to create safe, diverse, and stimulating environments responsive to student needs. The Division of Student Affairs encourages students to take advantage of the variety of programs and services offered, invites questions, and values feedback.

Below is a list of the principal units of the Division of Student Affairs. Each department's website, address, and phone number is listed, and students should feel free to contact them using this information.

Bookstore
Schine Student Center 315.443.9900
bookweb.syr.edu
Provides students with goods and services required for academic success. Here, students can purchase SU apparel and gifts, textbooks and supplies for classes, and graduation regalia.

Career Services
Women's Building, Suite 214
315.443.3616
careerservices.syr.edu
Helps students and alumni with career development and planning. It also provides educational programs on professional development, skills, and networking.

Counseling Center
Barnes Center at The Arch
315.443.4715
counselingcenter.syr.edu
Offers free and confidential crisis counseling, referrals, advocacy, and ongoing assistance for students addressing mental health, sexual misconduct and relationship violence, and substance abuse issues. The center is staffed with experienced, licensed mental health professionals, including psychologists, social workers, and a consulting psychiatrist on staff. Help is available 24 hours a day.

Department of Public Safety (DPS)
005 Sims Hall
315.443.2224
publicsafety.syr.edu
DPS is the police force serving the campus and University-controlled properties which works to maintain a safe, secure learning and living environment. DPS's 42 public safety officers and 14 supporting community services officers are stationed around campus and patrol the surrounding community 24 hours a day, seven days a week. The DPS emergency call center is available around the clock to address the community's safety and security needs. Students can reach DPS by dialing #78 (#SU) from a cell phone, or by dialing 711 from a campus landline.

Department of Recreation Services
Barnes Center at The Arch
Helps students achieve and maintain a healthy, active lifestyle through a variety of programs, classes, and special events designed to fit any interest or skill level.

Disability Cultural Center
548 Bird Library
315.443.4486
sudcc.syr.edu
Provides students, faculty, staff, and community members with social, cultural, and educational programming, advocacy, and support related to disabilities and disability cultures. The DCC is distinct from the Office of Disability Services, which provides accommodations and an array of other services.

Equal Opportunity, Inclusion, and Resolution Services (EOIRS)
005 Steele Hall
315.443.4018
inclusion.syr.edu
Supports SU’s non-discrimination policies: SU does not discriminate on any protected basis, including in admission, treatment, or access to its programs and activities or in employment in its programs and activities. SU prohibits harassment or discrimination related to any protected category, and protected bases include creed, ethnicity, citizenship, sexual orientation, national origin, sex, gender, pregnancy, disability, marital status, political or social affiliation, age, race, color, veteran status, military status, religion, domestic violence status, genetic information, gender identity, gender expression, or perceived gender. Any complaint of discrimination or harassment related to any of these protected bases should be reported to Sheila Johnson-Willis, SU’s interim chief equal opportunity and Title IX officer, who is responsible for coordinating compliance efforts under laws including Titles VI, IX, and Section 504 of the Rehabilitation Act.

Health Services
The Barnes Center at The Arch
315.443.9005
health.syr.edu
Specializes in college health and serves the needs of SU and SUNY ESF students. Its variety of services includes office visits, ambulatory care, laboratory services, allergy treatment, nutrition counseling, and more.

Hendricks Chapel
315.443.2901
Hendricks.syr.edu
Provides spiritual programs, counseling, and activities, and hosts events for members of the University community.

Information Technology Services
CST 1-227 Life Sciences 315.443.2677
its.syr.edu
Provides a variety of support options for students, faculty, and staff. Students can and should contact ITS when they have issues in regards to their NetID, SU email, MySlice, or the wireless network. ITS will also be in contact with students via email for any phishing attempts, and requests that students report those to them as well. If you have issues or questions, email help@syr.edu and include your name and SU I.D. number.

LGBT Resource Center
548 Bird Library
Offers services to those with marginalized genders and sexualities and their allies by offering intentional programs, developing meaningful dialogues, providing education and resources, cultivating leadership, engaging in advocacy, and collaborating with others.

Libraries

222 Waverly Avenue
315.443.2093
library.syr.edu

Offers resources and services supporting research and study for online and on-campus students. Collections include journals, books, business and entrepreneurship information, data and statistics, video, government documents, special collections, archives, including an extensive audio archive, and more. The iSchool subject librarian is available for assistance to all members of the iSchool community; see library.syr.edu/staff/subject.php for contact information. SU Libraries also offers student employment and internship opportunities.

Office of Disability Services (ODS)

804 University Avenue
315.443.4498
disabilityservices.syr.edu

SU seeks to promote meaningful access to educational opportunities for all students, and supports Section 504 of the Rehabilitation Act of 1973 as amended and the Americans with Disabilities Act of 1990. This means that no individual who is otherwise qualified shall be excluded from participation in, be denied benefits of, or be subjected to discrimination under any program or activity, solely by reason of having a disability. ODS is responsible for coordinating disability-related accommodations and will issue Accommodation Authorization Letters to students with documented disabilities as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. Students are also welcome to privately discuss their academic needs with their professors.

Office of Multicultural Affairs (OMA)

548 Bird Library
315.443.9676
multicultural.syr.edu

Provides a wide range of programs to support and promote the academic achievement, multicultural competence, social development, civic engagement, and retention of students from historically underrepresented racial/ethnic groups at SU as well as community-wide programming and events.

Office of Off-Campus and Commuter Services (OCCS)

Goldstein Student Center (South Campus)
315.443.5489
occs.syr.edu

Provides problem-solving, education, and support for students who commute from home or live in off-campus housing.

Office of Student Assistance

306 Steele Hall
315.443.4357
studentassistance.syr.edu

Serves as a central support hub to help students and their families manage crises, life traumas, and other concerns or barriers that impede success. The office works to address the needs of students who struggle in areas such as psychological health, physical health, crime victimization, sexual misconduct, and relationship violence, and social adjustment through a variety of interventions, referrals, advocacy, and follow-up services.
Slutzker Center for International Services

310 Walnut Place
315.443.2457
international.syr.edu

Supports international students as they adjust to the campus and community. The center handles issues such as immigration regulation, passports and visas, insurance, employment, and travel.

Student Rights and Responsibilities (OSRR)

310 Steele Hall
315.443.3728
studentconduct.syr.edu

Supports the University conduct system, which is committed to providing a fair and educational process that fosters the highest levels of behavior while promoting a safe environment that respects the rights of all students.

Writing Center

101 H.B. Crouse Hall (On the Quad)
315.443.5289
wc.syr.edu

Helps students become stronger, more accomplished writers. No matter which form of support a student chooses, writing consultant will work with students at any stage of the writing process.

Part 6: Points of Contact at the iSchool

M.S.A.D.S. Program

Program Director

Murali Venkatesh is the program director for the on-campus and online M.S.A.D.S., M.S. in Information Management, and M.S. in Enterprise Data Systems, as well as C.A.S. in Data Science and Information Security Management. He acts as a central resource for questions regarding program requirements and as a liaison between individual programs and the iSchool. In this role, the program director is a student’s advocate for matters concerning policy, procedures, and special issues that might arise. He assists students with issues or questions related to courses and/or faculty.

Program Manager

Lauren Juiliani is the program manager for the on campus and online M.S.A.D.S., M.S. in Information Management, and M.S. in Enterprise Data Systems, as well as C.A.S. in Data Science and Information Security Management. She is responsible for oversight on all activities of the programs and its students, and supports the program director in achieving program goals around assessment, enrollment, and curriculum design and planning. She assists students with inquiries on merit-based scholarships, and overall program procedures and processes.

Curriculum Lead

Jeff Saltz provides input into course content, faculty selection, and the effectiveness of the program in preparing students for work in the field. He interfaces with employers and other experts, and can advise students on questions about the design and content of courses, as well as how best to prepare for a professional role in various organizational contexts.

Graduate Academic Advisors

Jose Tavarez and Tess Schaufler assists all iSchool graduate students with questions regarding degree requirements and course registration. They hold open advising sessions, review all program of study forms, and certify all students’ degrees for graduation.
Assistant Dean of Student and Career Services

Kathy Allen oversees the iSchool’s Student Services career and advising staff, which is your best resource to help figure out your academic career at SU, what classes to take, and how to get involved in the iSchool community.

iAdvising

All graduate campus students are encouraged to email iAdvising@syr.edu with any questions regarding course selection and availability, registration, graduation requirements, petitions, and program of study forms. A dedicated staff monitor the iAdvising account on a daily basis.

Studentsupport@datascience

All graduate online students are encouraged to email studentsupport@datascience.syr.edu or directly with their online student success advisor with any questions regarding course selection and availability, registration, graduation requirements, petitions, and program of study forms.

Director of Career Services

Christopher Perrello guides all campus iSchool students through career development, including researching career options, job search strategies, networking, resume and cover letter development, interviewing techniques, and reviewing job offers. He also develops and delivers career and professional development programming.

Career Services Specialist

Jeffrey Fouts: provides career counseling to all campus iSchool students individually or in small groups. He also creates and delivers presentations specifically designed to help iSchool students earn internships and/or jobs and helps to facilitate students’ transition out of the University through job search strategies including resume assistance, interviewing techniques, etc.

Internship Coordinator

Kathy Benjamin can answer student questions about the internship process and requirements. She is responsible for managing and processing all paperwork for internships, including CPT and OPT letters.

Director of Online Education

Vicky Williams leads efforts to integrate our online program into our existing management processes for admissions, scheduling and staffing. Her role includes strategic management of all potential forms of online education at the school – veteran/military, undergraduate, corporate cohorts, and graduate platforms including campus and online.

Part 7: Frequently Asked Questions (FAQ)

What are the requirements for my degree?

Depending if you are in the 36-credit program, Fast Track, or Executive-Status, your requirements are different. You can find your requirements on the advising check sheets located at ischool.syr.edu/academics/advising/handbooks-checksheets/.

I need advising help with my courses. Who do I speak to?

There are many individuals at the iSchool who are great resources and can assist with course selection. However, we recommend all campus students start with an email to Advising@syr.edu. Online students should email studentsupport@ischoolonline.syr.edu to speak with their student success advisors.

I want to pursue a second master’s degree at the same time. How do I do that?

While there is no such thing as a “dual” degree at the graduate level, students can enroll in two master’s degrees concurrently. You should contact your program manager or academic advisor for information on how to apply.
When and how can I apply for a C.A.S?

Students are strongly encouraged to add their chosen C.A.S. in their first year of graduate study. The final deadline for students to add a C.A.S. is the financial deadline to drop a class of their final semester of study. Visit the academic calendar to view the financial deadline to drop a class at syracuse.edu/academics/calendars. For information on how to apply, please contact your program manager or academic advisor.

What kinds of financial aid are available? How and when do I apply?

Merit scholarships are available for the on-campus program only. At the graduate school level, financial aid is merit-based, not need-based. Students have the opportunity to apply each semester and should contact their program manager on how to apply.

How do I transfer credits, and how many can I transfer in?

Master's students, if eligible, may transfer a maximum of six hours of graduate credit into the M.S.A.D.S program. Coursework must be directly relevant to the degree program, have been taken within seven years of the date the student will receive the degree, must be graduate-level work, and must show a grade of B or better. Coursework coming from outside of Syracuse University requires an official transcript.

How do I reduce credits from my degree?

Many students wish to reduce the 36-credit course load due to full-time work experience. More information on credit reductions and substitutions can be found on your program’s advising check sheet.

I need help finding an internship. Who do I talk to?

An internship is not a requirement of the M.S.A.D.S. program, however, students may elect to pursue one in substitution of a program elective. Students should note that internships are highly competitive and the iSchool cannot guarantee a paid internship arrangement. More information can be found on page 32 of this handbook.

How do I waitlist for a class?

If a class you want to register for is full or set to Department Consent, you will need to waitlist for the course, which can be done through my.ischool.syr.edu. The iSchool’s advising staff manages and prioritizes the waitlist and will provide permission to students if they are eligible and seats are available. Campus students should email Advising@syr.edu for instructions on how to waitlist, and online students should email their student success advisor.

I waitlisted for class. When do I find out if I get permission to enroll?

We ask all students be patient as we prioritize our waitlist and ensure those who need to take the course will be able to register. There are a lot of factors that go into who is given permission for a course, particularly one that is required in order for a student to graduate. If a class is full, we cannot provide permissions until another student drops the course and a spot opens up, and these permissions are only provided to those students on the waitlist.

I can’t get into the class I want. What do I do?

Many courses here at the iSchool are incredibly popular and/or required among all students in all graduate programs, therefore they fill quickly at the time of registration. While we understand certain courses fill more quickly than others, we want you to know we work very hard behind the scenes to accommodate the students on these waitlists. It is important for you to remain patient and always have backup options in case you are unable to get into the class you want in a specific semester. The iSchool will work hard to open a new section of an already full class if we are able to; however, it is a long process to find an available instructor who can teach the course, and it would likely be scheduled for a different day and time. If the iSchool is able to add a new section, the waitlist is prioritized and permissions are given to students who need the course in order to graduate on time. Students cannot audit a class if it is closed and they are not registered for it.

I’m taking a class in the summer. How do I get housing and a meal plan while I am here?

Many students who do not live on or near campus take a class in the summer and need to make housing and meal plan arrangements while they are here. Students can do this by filling out a Limited Residency Summer Housing Application on MySlice. The residence hall in which you would stay varies each year, and many do not have air conditioning. If you do not have access to the Limited Stay Housing Application, contact housing.mealplans.syr.edu. In addition, if you need parking, you can also apply for a Limited Residency Parking Pass through Parking Services at parking.syr.edu.
What paperwork is required for graduation?

iSchool students need to complete two major steps in order to graduate and have their degree certified. First, you need to file a Diploma Request on MySlice. Second, you need to fill out a Program of Study Form. Campus students can submit this form to Advising@syr.edu. Online students can submit this form to their online student success advisor.

What happens if I take a semester off from school?

Many students take a leave of absence due to illness or personal issues. Campus students should contact Advising@syr.edu, and online students can contact their online student success advisor for more information.

I have concerns about a class. Who do I speak to?

Any student who has issues with a class, whether it be with the course content, the instructor, or just a feeling that they are falling behind, should first speak to their instructor to see if anything can be worked out. It is recommended students have this conversation as soon as possible. If you reach out to the instructor and feel no changes or progress have been made, you should email your academic advisor, program manager, and program director.