

SUMMER 2026

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The Insider Course Report

Master of Business and Science (MBS) degree



Welcome to the new semester!

This newsletter describes the courses the Professional Science Master's program will offer in summer 2026. We encourage you to chart your path and choose classes tailored to your career goals (remember your Odyssey plans!). Read carefully, and feel free to explore electives outside of your concentration. If you need guidance, check out our [student resources](#) and [schedule an online session with an academic advisor](#). Please pay attention to Canvas announcements and your Rutgers email—we share essential information and exciting events!

And now for the courses...

Quick Links

[Special Permission Numbers](#)

[Contact an Advisor](#)

[MBS Events](#)

[Rutgers Schedule of Classes](#)

[Summer Session](#)

BUSINESS

Business Core Courses

This summer, we offer the following core business courses:

- **Principles of Finance & Accounting** (16:137:530) is a general course combining both finance and accounting. It's a great business course for new students.
- **Communication & Leadership** (16:137:502) In this class, you'll have the chance to interview leaders in your field. This is an excellent opportunity to speak with someone who can make a difference in your career—consider interviewing your CEO, your boss's boss, a local business leader, or a professional whom you admire. Give yourself enough time to make these connections! This is an opportunity to make a significant, lasting impact on your professional future. Additionally, this course was featured on Rutgers Today for Prof. Cashman's innovative assignment, encouraging students to perform random acts of kindness. And get ready to meet an executive coach – executive coaching is a significant part of this class.
- **Market Assessment for Business & Science** (16:137:507) will be held online.
- The one-credit **Ethics** (16:137:500) course is also offered this semester.

Course Catalog

To find out more about the skills you'll learn, objectives, and instructors for each course, check the [course catalog](#).

MBS students learn firsthand from IP professionals at the [USPTO field trip](#).



BUSINESS

Business Elective Courses

For business electives, the popular **Fundamentals of Intellectual Property** (16:137:501) is scheduled. This course covers the basics of IP and IP valuations. Learn what a scientist needs to know about IP: how to evaluate intellectual property and create IP portfolios. It also emphasizes business strategy, strategic thinking, and contract negotiation—a skill we always hear about from our Industrial Advisory Board. The course runs online with a one-day trip to the United States Patent and Trademark Office (USPTO) in Alexandria, Virginia. During this field trip, students spend a day hearing lectures from professionals on IP and its effect on science and the economy. It is a fantastic opportunity to visit the National Inventors Hall of Fame Museum and experience Alexandria in the summer. This is a GREAT class and unique to Rutgers—it should not be missed!

Food Business Innovation (16:137:575) will run online, covering different aspects of food innovation. It is great for anyone in the Applied Food Science and Technology/Global Agriculture concentrations or anyone interested in the food business.

Another popular business elective is **Science-Based Project Management** (16:137:508). Project management is the #1 skill for all science and technical jobs!

Need some work experience or interested in experiential learning? Take a **professional or research internship** as a business or science elective. This is for students who have just received an internship. The internship course runs alongside a professional or research internship and provides professional development and leadership training from PSM executive coach Abbe Rosenthal. Last but not least—**Externships** are a design-based experience where students work on industry-sponsored projects. Learn more about externships or attend one of our externship webinars. Additionally, we will run a new section at the Rutgers Makerspace, located on Livingston Campus.

A Note About Externships

You can receive credit for the project or complete it simply for experience (participate as “club” to put on your resume). Externships are available to students in all concentrations and even working students (try the Wall Street Bootcamp).

MBS externs visit the Colgate-
Palmolive office in Piscataway, NJ



SCIENCE

General Science Electives:

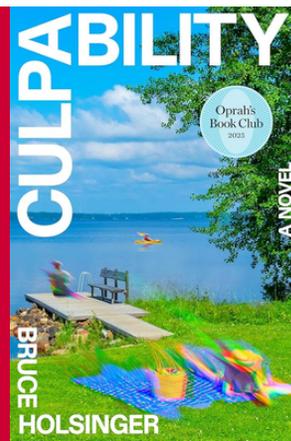
These courses can be used as business electives.

This summer, we're offering the course **Basics of AI for Science Professionals** (16:137:563). It's perfect for students *without* a computer background. This course teaches "AI for the rest of us." Designed for MBS students, this course covers the basics of AI and how it can be applied to a business or scientific goal.

Business Intelligence with Visual Analytics (16:137:553) is required for Analytics concentration students. It focuses on analytics, using Tableau to learn and apply fundamental data visualization, visual analysis, and data storytelling techniques with real-world datasets. This course is software-heavy and includes minor coding (similar to Excel functions). (Statistics is recommended as a prereq, but not required.)

Book Club: Culpability

Looking for a smart, compelling read? Pick up *Culpability* by Bruce Holsinger, our newest Book Club & Ethics selection. We will host Holsinger on campus for a discussion in October—stay tuned for more details. Holsinger will join us to explore the novel's themes of AI, corporate responsibility, and family secrets.



SCIENCE

Computer/Information/Engineering:

Every semester, we run the popular **Python Methodologies** (16:137:552). This course is appropriate for anyone who needs to know Python programming and scripting. It is taught by the ever-popular “**Big Lars**,” Cybersecurity Coordinator Lars Sorensen.—if you thought programming couldn’t be fun (or funny), check out Lars’s lectures! We will also run **Linux System Administration** (16:137:559). This class is only offered during the summer.

We are also offering **Practical Cybersecurity** (16:137:568). This is a practicum-style, advanced-level cybersecurity course offered in the spring and summer.

Information Architecture (16:137:565), offered online, covers the fundamentals of organizing information for websites and software. (Students must have an IT/UXD background or have completed related coursework.) **Fundamentals of Analytics and Discovery Informatics** (16:137:550) with Bryan Bischof will also run, covering modern data analytics techniques within the fields of statistics, machine learning, and information theory.

We will also run **Product Experience Design and Innovation** (16:137:526), taught by UXD and Product Design Coordinator Prof. Rupa Misra. In this course, learn the psychology of how and why user experiences are critical to product design

Life Sciences:

Personal Care Science Applied Laboratory (16:137:573) is a 3-credit applied laboratory course for those in personal care who need more hands-on experience or for those who are interested in learning more about formulating cosmetics.

OTHER COURSES OF INTEREST:

Here are courses of interest to MBS students offered by other Rutgers departments.

- (16:960:563) **Regression Analysis** – required for analytics! This course is happening online on Monday and Wednesday nights. It’s offered every semester (and summer) but needs a prerequisite basic stats class.
- (38:578:505) **Negotiation** is a great business elective offered by the School of Management and Labor Relations.