

BUSINESS MINOR FOR LIFE SCIENCES

SC Johnson College of Business

Program Website (<https://business.cornell.edu/programs/undergraduate/minors/>)

Program Description

The Dyson business minor for life sciences (DBMLS) prepares you for a successful career at the intersection of science and business. The minor's curriculum focuses on basic business fundamentals and courses that complement life science topics. You will learn not only about entrepreneurship, marketing, management, finance, and economics, but also how these subjects are applied to life sciences career paths.

This minor is popular among pre-med, pre-dental, and pre-vet students. The coursework provides a grounding in business principles that can help you understand the economic environment in which you'll eventually practice.

The DBMLS was established by way of a generous gift from Dr. Jonathan Levine '76 and Stacey Levine, and Dr. David Levine '88 and Davena Levine '88.

Eligibility

The DBMLS is open to students majoring in certain life sciences subjects within Cornell's colleges/schools listed below. Students are eligible to sign up for the minor as early as their first year and no later than their sixth semester.

College of Agriculture and Life Sciences

- Agricultural Sciences
- Animal Science
- Atmospheric Science
- Biological Engineering
- Biological Sciences
- Biology and Society
- Biometry and Statistics
- Earth and Atmospheric Sciences
- Entomology
- Environment and Sustainability
- Food Science
- Global and Public Health Sciences
- Interdisciplinary Studies
- International Agriculture and Rural Development
- Nutritional Sciences
- Plant Sciences
- Viticulture and Enology

College of Arts and Sciences

- Biology and Society
- Biological Sciences
- Environment and Sustainability

College of Engineering

- Biological Engineering

College of Human Ecology

- Global and Public Health Sciences
- Human Biology, Health, and Society
- Human Development
- Nutritional Sciences

School of Public Policy

- Health Care Policy

Academic Policies

A minimum of 12 unique credits (outside of major's core requirements) must be taken to complete any/all minors. Some majors may be required to take an additional course to satisfy this requirement. All courses must be taken for a letter grade, and a grade of C or better is required.

Minor Requirements

Required Credits

This minor requires a total of 16.5 credits to complete, which includes 3 foundation credits and 13.5 core credits. From the total credits, 9 must be taken at Cornell University, and 7.5 must be Johnson College of Business (JCB) courses, which include any course code of AEM, HADM, NBA, or NCC. *Note - in many cases, the Cornell and JCB requirements will overlap (e.g. AEM 2241 Finance is a JCB course and a Cornell course, so it will satisfy 3 credits for each requirement).

Foundation Courses

This minor requires 3 credits in microeconomics. We recommend taking this course before taking the minor's core courses and require it to be completed by your sixth semester. A letter grade of C or better is required.

Introductory Microeconomics (3 Credits)

One of the following courses is required:

Code	Title	Hours
ECON 1110	Introductory Microeconomics	3
ECON 3030	Intermediate Microeconomic Theory	4
PUBPOL 2000	Intermediate Microeconomics	4

Core Requirements

The remaining 13.5 credits must be fulfilled by taking courses in the five areas listed below, which includes 3 credits that are related to your career goals. A letter grade of C or better is required. Please note that 7.5 credits must be Johnson College of Business (JCB) courses.

Management/Marketing (3 Credits)

Code	Title	Hours
AEM 1200	Introduction to Business Management	3
AEM 2400	Marketing	3
HADM 1810	Introduction to Management	3
HADM 2410	Marketing Principles	3
ILRID 1700	Introduction to Organizations and Management	3
NCC 4530	Marketing Management	3
NCC 5530	Marketing Management	3
NCC 5540	Managing and Leading in Organizations	3

Financial Accounting (3 Credits)

Code	Title	Hours
AEM 2210	Financial Accounting	3
HADM 2230	Financial Accounting Principles	3
NCC 5500	Financial Accounting	3

Finance (3 Credits)

Code	Title	Hours
AEM 2241	Finance	3
AEM 5241	Finance	3
HADM 2250	Finance	3
NCC 5560	Managerial Finance	3

Capstone Course (1.5 Credits)

The following course is required:

Code	Title	Hours
AEM 4661	Business Simulation Capstone for Business Minors in Life Sciences	1.5

Career Goals (3 Credits)

3 credits from the following list of courses is required. You may find the categories below helpful in selecting your courses to align with your post-graduation plans.

Entrepreneurship

Code	Title	Hours
AEM 2220	Dilemmas in Entrepreneurship	3
AEM 3110	Design and Innovation	3
AEM 3249	Entrepreneurial Marketing and Strategy	3
AEM 3251	The Business Laboratory and New Venture Management	3
AEM 4355	Healthcare Entrepreneurship: Perspectives and Controversies	1.5
NBA 5070	Entrepreneurship for Scientists and Engineers	3
NBA 6650	The Strategic Management of Technology and Innovation	3

Life Sciences Business and Human/Veterinary Medicine

Code	Title	Hours
AEM 1600	The Business of Modern Medicine	1.5
AEM 4485	Economics of Food and Malnutrition	3
PUBPOL 2350	The U.S. Health Care System	3
PUBPOL 3110	Pharmaceutical Management and Policy	3
PUBPOL 3280	Fundamentals of Population Health	3
or GDEV 3280	Fundamentals of Population Health	
PUBPOL 3870	Economic Evaluations in Health Care	3
or PUBPOL 587	Economic Evaluations in Health Care	
PUBPOL 5630	Health Care Financial Management II	3

Management, Marketing, Accounting, and Finance

Code	Title	Hours
AEM 3120		1
AEM 3205	Ethics in Business and Organizations	3
AEM 3230	Managerial Accounting	3
NBA 6720	Family Enterprise Management and Governance	1.5
NCC 5540	Managing and Leading in Organizations	3

Tools and Frameworks for Entrepreneurs and Practitioners

Code	Title	Hours
AEM 2011	Spreadsheet Modeling for Non-Dyson Majors	3
AEM 3310	Introduction to Business Regulation	3
AEM 4190	Strategic Thinking	3
AEM 4655		3