CHEMISTRY AND BUSINESS

at Arcadia University

Global Perspective…Personal Attention…Real-World Integrative Learning Experiences

Faculty Advisers

Professors

William D. Biggs, Chair of the Department of Business, Health Administration and Economics

Dr. Chester M. Mikulski, Chair of the Chemistry Department

Degree

Bachelor of Science in Chemistry and Business

Related Graduate Study at Arcadia University

Master of Business Administration (M.B.A.) with a Global Perspective (See Graduate Catalog.)

Pathways to Study Abroad in Chemistry and Business

Chemistry and Business majors can elect to spend a semester or year studying abroad. In conjunction with their advisers and the Chair of each Department, students in the sophomore or junior year can enroll in classes at foreign universities. Credits for these courses transfer to Arcadia to fulfill Undergraduate Curriculum requirements, including and Chemistry or Business requirements.

Through its College for Global Studies, Arcadia University has special arrangements with universities in England, Scotland, Wales and Northern Ireland, Australia, Ireland, Spain and New Zealand that offer chemistry, biochemistry and business courses.

Visit the University's website for Pathways to Study Abroad (www.arcadia.edu/pathways) and suggested course sequences. Since it is important that students plan ahead for study abroad, they should consult with their advisers as soon as possible and make their intentions known to the Department Chairs and the Associate Dean of International Affairs.

About the B.S. in Chemistry and Business

- Preparation for careers in chemical and pharmaceutical companies
- Senior internship at chemical or pharmaceutical firm
- Preparation for M.B.A.
- Opportunities to study abroad at some of the top universities around the world

The Bachelor of Science in Chemistry and Business is designed for students who have an interest in Chemistry but do not want to pursue a career in research. With a dual major in Chemistry and Business, graduates of the program are prepared for positions in management, marketing, advertising and sales or for other business activities in chemical and pharmaceutical companies. A highlight of the program is the senior-level internship, which involves placement in a chemical or pharmaceutical firm.

Graduate School: In addition to having immediate job applicability, the degree is designed to meet the M.B.A. requisite courses for many leading graduate programs, including Arcadia's M.B.A with a Global Perspective.

Accreditation and Memberships: The undergraduate and graduate programs of the Department of Business, Health Administration and Economics are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Arcadia is a member of AACSB International (Association to Advance Collegiate Schools of Business) and the Middle Atlantic Association of Colleges of Business Administration (MAACBA). The Chemistry Department is certified by the American Chemical Society.

Requirements for the B.S. in Chemistry and Business

(96–98 credits as listed below, with Undergraduate Curriculum requirements and electives to total at least 128 credits)

1. Seven courses in Chemistry

CH	101, 102	Modern Chemical Concepts I, II
CH	201, 202	Organic Chemistry: Structure, Mechanisms and Reactions
CH	203	Equilibrium and Analysis
CH	370	Career Internship in Chemistry*

One Chemistry elective at the 300 level.

2. Eleven courses in Business Administration

BA	101	International Business
BA	201	Financial Accounting
BA	202	Managerial Accounting
BA	230	Legal Environment of Business
BA	340	Principles of Marketing
BA	362	Human Resources Administration
BA	363	International Organizational Behavior
BA	367	Operations Management
BA	369	Management Information Systems
BA	380	Principles of Finance
BA	495	Policy Formulation and Administration

3. Four courses in Mathematics

MA	141	Elementary Statistics
MA	242	Intermediate Methods in Statistics
MA	201/207	Calculus I/Applied Calculus I
MA	202/208	Calculus II/Applied Calculus II

4. Three courses in Economics

EC	210	Principles of Macroeconomics
EC	211	Principles of Microeconomics

One Economics course beyond EC 210 and EC 211.

5. Two courses in Physics

PH	201, 202	Fundamental Concepts of Physics I, II

6. One course in English

EN	218	Business Writing