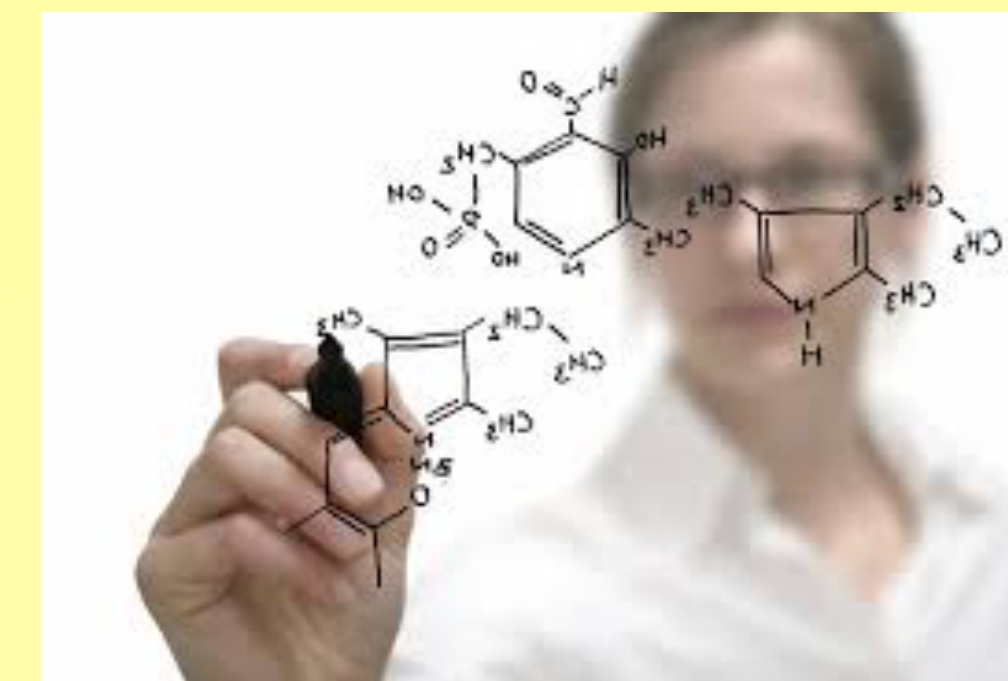


New Accelerated Chemistry Degree Programs: 5 Year BS/MS and 5 Year BS/MBA



5 Year BS/MS

This program provides a 5 year, streamlined path to the B.S. and M.S. degrees in chemistry, which are awarded simultaneously at the end of the program. After completing the program, students would have the potential for:

- *Obtaining an industrial position in the chemical profession and related industries featuring greater responsibility and leadership than possible with a B.S. degree alone.*
- *Developing their academic skills and portfolio further, with the possibility to improve their chances of acceptance into doctoral, medical, or other advanced degree programs.*
- *Immersion into an intensive research experience to provide guidance on their ability and aptitude for pursuing a Ph.D. in the chemical or biochemical sciences.*

Specific Policies and Process:

- *Students apply in their junior year.*
- *Normally, a QPA of 2.75 in their Marquette science and math coursework is required for admission.*
- *During the spring semester of their fourth year, students are eligible to apply for a graduate assistantship for the fifth year, which would be awarded, if available, on the basis of merit as determined by the Graduate Committee (GC). Note that priority for academic year graduate assistantships is given to Ph.D. candidates.*
- *Students can opt out after 4 years and receive the B.S.*

Curriculum:

Introductory Chemistry (1 year)	
CHEM 1001, 1002 (or 1014)	8 cr. hr
Foundational Coursework (1 course in each of 5 areas)	
CHEM 2113 (or 2111); organic	4 cr. hr
CHEM 3201; analytical	4 cr. hr
CHEM 4433; physical	3 cr. hr
CHEM 4330/3320; inorganic and lab	5 cr. hr
CHEM 4530 (5530); biochemistry	3 cr. hr
In Depth Courses (12 cr. minimum)	
CHEM 2114 (or 2112)	4 cr. hr
CHEM 3210	4 cr. hr
CHEM 3420	2 cr. hr
CHEM 4434	3 cr. hr
Research	
CHEM 4956	3 cr. hr
TOTAL	43 cr. hr
	(+20 cognate cr. hr)
Coursework Required for MS	
Credits from BS (6 hr)	
CHEM 4530/5530	3 cr. Hr
CHEM 4330/5330	3 cr. Hr
Graduate Courses (12 hr)	
CHEM GRAD	3 cr. Hr
CHEM GRAD	3 cr. Hr
CHEM GRAD	3 cr. Hr
CHEM GRAD	3 cr. Hr
Independent Study (6 hr)	
CHEM 6995	3 cr. Hr
CHEM 6995	3 cr. Hr
Thesis (6 hr)	
CHEM 6999	6 cr. Hr
TOTAL (BEYOND BS)	24 cr. hr

5 Year BS/MBA

This program provides a 5 year, streamlined path to the B.S. in Chemistry and Masters in Business Administration, which are awarded simultaneously at the end of the program.

Specific Policies and Process:

- *Students should express interest as soon as possible.*
- *Students can begin to take BUAD 1060 as early as second semester freshman year.*
- *Students take other business classes in their sophomore and junior year. No permission numbers are necessary.*
- *Students should apply for the MBA program in their junior year, by*
 - *completing the on-line application (no fee required)*
 - *submitting GMAT or GRE scores*
 - *meeting with the MBA Advisor*
- *Begin taking MBA classes their senior year - must complete the request to enroll in a graduate class as an undergraduate and must have a 3.000 or higher to take these classes.*
- *As long as the student earns a B or better the courses can double count for undergraduate and graduate programs.*
- *6 credits double count in A&S majors*

Business Curriculum:

Required Undergraduate Courses (* also count for grad credit)

ACCO 1030/1031	6 cr. hr.
ECON 1103/1104	6 cr. hr.
BUAD 1060	1 cr. hr.
MATH 1710, 4720 or PSYC 2001	3 cr. hr.

MBA Required Courses

Managerial Economics	3 cr. hr.
Operations & Supply Chain Management	3 cr. hr.
Managerial Accounting	3 cr. hr.
Organizational Behavior	3 cr. hr.
Financial Management	3 cr. hr.
Marketing Management	3 cr. hr.

(2 – 4 of these would be taken as an undergraduate and double count as long as student has B or better)

MBA Core Elective and Elective Courses

Quantitative Methods	3 cr. hr.
Information Technology	3 cr. hr.
Social, Ethical, Political Environment	3 cr. hr.
Elective Courses	10 cr. hr.

- *Nine credits of open electives and one credit of "skills" courses are required. Skills courses range from topics such as teams and group performance, conflict management, and presentation skills to SAS, SPSS and GIS courses. Students can take up to 4 credits of skills courses.*
- *STEM MBA students can take electives in the MBA program and/or can take graduate level classes in their undergraduate major.*

Capstone Course

Business Strategy	3 cr. Hr
-------------------	----------