

**College of Basic and Applied Sciences
2017-2018 Upper Division Form**

Student name _____ Student # _____
 Major Chemistry Minor _____
 Concentration Professional (Materials Track) E-mail _____

Instructions: For students graduating in Fall 2017 or later, *One (1) copy signed by major advisor and minor advisor (if applicable) should be filed with the Graduation Analyst in DSB 120 three semesters prior to graduation. An Intent to Graduate form must accompany this form.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020 or 2030 or HUM 2610 Choose two (different rubrics): ANTH 2210, ART 1030, ART 1920, DANC 1000, HIST 1010, HIST 1020, HIST 1110, HIST 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours) * MATH 1730 (if exempt take MATH 1910)					3 or 4*
NATURAL SCIENCES (8 hours)	BIOL 1110/1111			MATH 1710 with C- or better or MATH ACT of 19 or higher	4
	CHEM 1110/1111			Course is also considered part of the major	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530/1531, JOUR/EMC/RIM 1020 PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100					3
					3
Hours Required					41

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
General Chemistry I	CHEM 1110/1111			Credits counted in General Education	(4)
General Chemistry II	CHEM 1120/1121			Preq: CHEM 1110/1111 with a C- or better	4
Quantitative Analysis	CHEM 2230/2231			Preq: CHEM 1120/1121 with grade of C- (or equivalent course)	5
Careers in Chemistry and Biochemistry	CHEM 3000			Preq: 2030 or CHEM 3010	1
Organic Chemistry I	CHEM 3010/3011			Preq: CHEM 1120/1121 or equivalent	4
Organic Chemistry II	CHEM 3020/3021			Preq: CHEM 3010/3011	4
Physical Chemistry Fundamentals I	CHEM 4330/4331			Preq: MATH 1910; PHYS 2020/PHYS 2021; CHEM 2230/CHEM 2231 or CHEM 4550/CHEM 4551	4
In-Depth Physical Chemistry	CHEM 4360/4361			Preq: CHEM 4330/4331; MATH 1920	5
Foundations in Inorganic Chemistry Aq (4400) or Foundations in Inorganic Chemistry B (4410)	CHEM			Preq: CHEM 1120 or equivalent; CHEM 2030 or CHEM 3010 recommended OR CHEM 3010	3
Principles of Biochemistry	CHEM 3530/3531			Preq: CHEM 2030/CHEM 2031 or CHEM 3010/CHEM 3011	4
Complete at least 2 hours from CHEM 3880, 3970, 4780	CHEM			Preq: Permission of instructor; CHEM 2230 recommended or: CHEM 3020/CHEM 3021	2
Complete 3-4 hours from CHEM 4000, 4100, 4230/4231, 4450, 4460, 4600, 4610, 4700	CHEM				3-4
Hours Required					39-40

