

**College of DuPage & Aurora University**  
**2+2 Chemistry (BS) +1 Master of Arts in Teaching (MAT)**  
**Transfer Guide**

**First Year at College of DuPage**

COD First Semester	AU	COD Second Semester	AU
ENGLI 1101 English Composition I (3)	ENG1000 Introduction to Academic Writing	ENGLI 1102 Composition II (3)	ENG Elective
MATH 2231 Calculus and Analytic Geometry (5)	MTH 2210 Calculus I (4, Quant and Formal Reasoning)	CHEMI 1552 Principles of Chemistry II (5)	CHM 1320/Z General Chemistry II (4)
CHEMI 1551 Principles of Chemistry I (5)	CHM 1310/Z General Chemistry I (4, Scientific Inquiry)	MATH 2232 Calculus and Analytic Geometry (5)	MTH 2220 Calculus II (4)
SPEEC 1100 Fundamentals of Speech Communications (3)	COM 1550 Professional Communication	Humanities Course* (3)	Elective (4)
16 hrs		16 hrs	

**Second Year at College of DuPage**

Third Semester	Fourth Semester		
CHMI 2551 Organic Chemistry I (5)	CHM 2410/Z Organic Chemistry I (4)	CHM 2552 Organic Chemistry II (5)	CHM 2420/Z General Chemistry II (4)
PHYSI 2111 Physics for Science and Engineering I (5)	PHY 2240/Z Physics I (4, calculus based)	PHYSI 2112 Physics for Science and Engineering II (5)	PHY 2250/Z Physics II (4, Calculus based)
Social and Behavioral Science course* (3, PSY 1100 or SOC 1100)	General Education (4, Human Inquiry)	Social and Behavioral Science course* (3, ANTHR 1100)	General Education (4, Cultural Literacy)
Life Science Gen Ed* BIOLO 1151, Principles of Biological Science (5)	BIO 1210/Z General Biology I with lab (4)	Fine Arts Course* (3)	General Education (4, Artistic Literacy)
18 hrs		16 hrs	

**\*Recommendation**

**FINE ARTS – ART 1100, MUSIC 1100, MUSIC 1104, THEAT 1100**

**HUM – any course, Note: PHIL 1110\* (fulfills HUM COD Gen Ed, Human Relations, & Global/Multicultural requirements)**

**SBS - (one of these, Human Inquiry) - PSYCH 1100, SOCIO 1100**

**SBS - (one of these, Cultural Literacy) - HISTO 1130, HISTO 1140, ANTHR 1100 (will also fulfill COD HUM Gen Ed, HR, GMC)**

**Third Year at Aurora University**

Fifth Semester	Sixth Semester
IDS 3500 Junior Mentoring (0.5)	IDS 3550 Junior Mentoring (0.5)
CHM 3510 Physical Chemistry (3)	CHM 3520 Physical Chemistry II (3)
CHM 3510Z Physical Chemistry I Lab (1)	CHM 3650 Instr. Methods of Analysis (3)
CHM 2450 Analytical Chemistry (3)	CHM 3650Z Instr. Methods of Analysis Lab (1)
CHM 2450Z Analytical Chemistry Lab (1)	Elective (4)
Elective (4)	Elective (4)

**Fourth Year at Aurora University**

Seventh Semester	Eighth Semester
CHM 3570 Inorganic Chemistry of Materials (4)	CHM 4500 Chemical Research Methods (1)
CHM 3555 Biochemistry (3)	Elective (4)
CHM 3555Z Biochemistry Lab (1)	Elective (4)
Elective (4)	Elective (4)
Elective (4)	Elective (4)

**Fifth Year at Aurora University – Master of Arts in Teaching**

<b>Summer</b>	<b>Fall</b>	<b>Spring</b>
EDU 6180 Methods of ESL/BE education (3)	EDU 6195 Methods of Reading (3)	EDU 6780 Secondary Student Teaching Seminar (1)
EDU 6185 Methods of Teaching Exceptional Children (3)	EDU 6245 Methods of Teaching and Assessing Diverse Learners in Secondary classroom (3)	EDU 6260 Methods of Educational Research (1)
EDU 6190 Methods of Educational Psychology (3)	EDU 6205 Methods of Content Area Literacy (3)	EDU 6730 Student Teaching (10)
	EDU 6270 or 6280 or 6285 or 6275 Methods of Teaching Secondary English (Science or Social Studies or Mathematics) (3)	