

Advising Worksheet: Bachelor of Arts, Chemistry - Secondary Education Track, 2013-14 Catalog Year

Area A Essential Skills	Semester	Grade	Area F Courses Related to Major	Semester	Grade	UTeach Columbus Teaching Option	Semester	Grade
ENGL 1101 (with a grade of "C" or better)			MATH 1131 (1 hour from Area A or D)			ITDS 2125 if not taken in Area C		
ENGL 1102 (with a grade of "C" or better)			PHYS 1111 Introductory Physics 1			SPED 4115 Teaching Math & Science to Exceptional Learners (2)		
MATH 1113 or MATH 1131			PHYS 1112 Introductory Physics 1 Lab			UTCH 1201 Step 1: Inquiry Approaches to Teaching (1)		
			PHYS 1311 Introductory Physics 2			UTCH 1202 Step 2: Inquiry-Based Lesson Design (1)		
Area B Institutional Options			PHYS 1312 Introductory Physics 2 Lab			UTCH 2105 Knowing and Learning (3)		
COMM 1110			STAT 1127 Introductory Statistics			UTCH 2215 Research Methods (3)		
ITDS Seminar or Other			Guided Electives* (6 hours)			UTCH 3205 Classroom Interactions (3)		
						UTCH 4205 Project-Based Instruction (3)		
Area C Humanities/Fine Arts/Ethics			Area G Program Requirements			UTCH 4485 Student Teaching (9)		
Humanities			CHEM 2115 Quantitative Analysis			UTCH 4795 Student Teaching Seminar (1)		
Fine Arts Appreciation			CHEM 2315 Quantitative Analysis Lab					
			CHEM 3111 Organic Chemistry I			Select one of the following groups: 6 hr		
Area D Science/Math/Technology			CHEM 3112 Organic Chemistry II			GRP1: FREN 1002 and FREN 2001		
CHEM 1211 Principles of Chemistry 1			CHEM 3311 Organic Chemistry I Lab			GRP2: GERM 1002 and GERM 2001		
CHEM 1211L Principles of Chemistry 1 Lab			CHEM 3312 Organic Chemistry II Lab			GRP3: JAPN 1002 and JAPN 2001		
CHEM 1212 Principles of Chemistry 2			CHEM 3135 Inorganic Chemistry			GRP4: SPAN 1002 and SPAN 2001		
CHEM 1212L Principles of Chemistry 2 Lab			CHEM 3335 Inorganic Chemistry Lab					
MATH 1131			CHEM 4115 Survey of Physical Chemistry			Area H Program Electives		
			CHEM 4315 Survey of Physical Chemistry Lab			Required Hours: 1-4		
Area E Social Sciences			CHEM 4175 Instru Meth of Chem Analysis					
HIST 2111 or HIST 2112			CHEM 4375 Instru Meth of Chem Analysis Lab					
HIST 2112						Wellness Requirement		
POLS 1101						PHED 1205		
Behavioral Science						PEDS		
World Cultures								
						Total Hours Required: 123		

*Guided electives will be selected from among freshman and sophomore level courses in science, business, and education based upon student interests and career goals and requiring the approval of a faculty advisor and the Chemistry Department Chair.

AREA: B
INSTITUTIONAL OPTIONS

Seminars

ITDS 1125
ITDS 1779
ITDS 2726
ITDS 2727
ITDS 2735
ITDS 2746
ITDS 2748
ITDS 2749
ITDS 2755

OR one of the following:

HIST 1111
HIST 1112
LIBR 1105
EURO 2105
LEAD 1705
POLS 2401
FOREIGN LANGUAGE 1001
FOREIGN LANGUAGE 1002
FOREIGN LANGUAGE 2001
FOREIGN LANGUAGE 2002
ANY AREA C-E COURSE *with*
a study abroad component.

*Note: the extra hour may be
used as an elective.*

AREA: C
HUMANITIES/FINE ARTS

NOTE:

**ITDS 1145 may be taken only once*

Humanities Courses

ENGL 2111
ENGL 2112
ITDS 1145*
ITDS 2125
ITDS 1155
PHIL 2010

Fine Arts Courses

ARTH 1100
ITDS 1145*
MUSC 1100
THEA 1100
HIST 1112
ITDS 1146
ITDS 1156

AREA: E
SOCIAL SCIENCES

Behavioral Science Courses

ECON 2105
ECON 2106
PHIL 2030
SOCI 1101

World Cultures Courses

ANTH 1105
ANTH 1107
ANTH 2105
ANTH 2136
ENGL 2136
GEOG 1101
HIST 1111
HIST 1112
ITDS 1146
ITDS 1156