



MY DEGREE MAP
COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES
CHEMISTRY EDUCATION
ACADEMIC YEAR 2025-2026

YEAR ONE			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
TROY 1101 OR TROY 1105	1	ENGLISH 1102	3
ENGLISH 1101	3	CHM 1143	3
MATH 1125	4	CHM L143	1
AREA II FINE ARTS	3	MTH 1126	4
CHM 1142	3	EDU 3310	3
CHM L142	1	PHY 2262	3
		PHY L252	1
TOTAL SEMESTER HOURS	15	TOTAL SEMESTER HOURS	18

YEAR TWO			
THIRD SEMESTER	HOURS	FOURTH SEMESTER	HOURS
AREA II LITERATURE	3	AREA IV HISTORY	3
BIO 1100	3	AREA II HUMANITIES OR FINE ARTS	3
BIO L100	1	LDR 1100	3
CHM 3342	3	CHM 3343	3
CHM L342	1	CHM L343	1
PHY 2263	3	SPE 3340	3
PHY L253	1		
EDU 3305	3		
TOTAL SEMESTER HOURS	18	TOTAL SEMESTER HOURS	16

YEAR THREE			
FIFTH SEMESTER	HOURS	SIXTH SEMESTER	HOURS
AREA II HUMANITIES OR FINE ARTS	3	AREA IV SOCIAL SCIENCE	3
CHM 3381	3	RED 4401	3
CHM L381	1	CHM 3382	3
CHM 2242	3	CHM 4444	3
CHM L242	1	CHM 4445	3
EDU 3303	3	CHM L445	1
EDU 4400	3	MAJOR ELECTIVE	2
TEP ADMIT 2.75 GPA REQUIRED			
TOTAL SEMESTER HOURS	17	TOTAL SEMESTER HOURS	18

YEAR FOUR			
SEVENTH SEMESTER	HOURS	EIGHTH SEMESTER	HOURS
AREA IV SOCIAL SCIENCE	3	CHM 4474	9
AREA IV SOCIAL SCIENCE	3	SED 4454	3
EDU 4471	3		
MAJOR ELECTIVE	3		
MAJOR ELECTIVE	1		
CHM 4481	3		
PRAXIS II: CONTENT AREA EXAM FILE YOUR GRADUATION APPLICATION			
TOTAL SEMESTER HOURS	16	TOTAL SEMESTER HOURS	12

TOTAL PROGRAM HOURS: 130

AREA I		
ENG 1101	Composition and Modern English I (Minimum grade of C required)	3 Hours
ENG 1102	Composition and Modern English II (Minimum grade of C required)	3 Hours

AREA II		
Any 1000-2000 level course in Literature		3 Hours
Any 1000-2000 level course with an expanded historical and cultural scope in the Fine Arts, including the disciplines of Art, Music, Theatre, Film, or other Fine Arts areas.		3 Hours
Any two 1000-2000 level courses with an expanded historical and cultural scope in the Humanities/Fine Arts disciplines, including English, Foreign Languages, Nursing, Religion, Philosophy, Classics, Theatre, Music, Dance, Communication, Sign Language, Interdisciplinary Studies, or other Humanities/Fine Arts areas.		6 Hours
When selecting general studies courses in AREA II and/or AREA IV, you must complete a six-hour sequence in Literature or History. The course sequence must be completed in one content area.		

AREA III		
MTH 1125	Calculus I (Minimum grade of C required)	4 Hours
BIO 1100 and BIO L100	Principles of Biology and Lab	4 Hours
CHM 1142 and CHM L142	General Chemistry I and Lab	4 Hours

AREA IV		
Any 1000-2000 level course with a primary focus in History.		3 Hours
Take any three 1000-2000 level courses from the following Social Science disciplines: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, or advisor approved courses (requiring a substitution form).		9 Hours
When selecting general studies courses in AREA II and/or AREA IV, you must complete a six-hour sequence in Literature or History. The course sequence must be completed in one content area.		

AREA V		
TROY 1101 or	The University Experience	1 Hour
TROY 1105	Learning Mindset Freshman Seminar	3 Hours
LDR 1100	Introduction to Leadership	3 Hours
MTH 1126	Calculus II	4 Hours
PHY 2262	Physics I with Calculus	3 Hours
PHY L252	Physics I Lab	1 Hour
PHY 2263	Physics II with Calculus	3 Hours
PHY L253	Physics II Lab	1 Hour

EDUCATION

Minimum grade of C required in all courses.

EDU 3310	Introduction to Education	3 Hours
EDU 4400	Classroom Management	3 Hours
EDU 4471	Curriculum and Instructional Delivery	3 Hours
EDU 3305	Teaching with Technology	3 Hours
SPE 3340	Introduction to Special Education	3 Hours
RED 4401	Reading in the Content Areas	3 Hours
EDU 3303	Educational Psychology and Classroom Assessment	3 Hours
CHM 4481	Methods and Materials for the Secondary Teacher	3 Hours
CHM 4474	Internship	9 Hours
SED 4454	Internship Seminar	3 Hours

CHEMISTRY – TEACHING FIELD

Minimum grade of C required in all courses.

CHM 1143	General Chemistry II	3 Hours
CHM L143	General Chemistry II Lab	1 Hour
CHM 2242	Analytical Chemistry	3 Hours
CHM L242	Analytical Chemistry Lab	1 Hour
CHM 3342	Organic Chemistry I	3 Hours
CHM L342	Organic Chemistry I Lab	1 Hour
CHM 3343	Organic Chemistry II	3 Hours
CHM L343	Organic Chemistry II Lab	1 Hour
CHM 3381	Physical Chemistry I	3 Hours
CHM L381	Physical Chemistry I Lab	1 Hour
CHM 3382	Physical Chemistry II	3 Hours
CHM 4444	Advanced Inorganic Chemistry	1 Hour
CHM 4445	Instrumental Analysis	3 Hours
CHM L445	Instrumental Analysis Lab	1 Hour
Take 6 hours from the following major electives:		
CHM 3352	Biochemistry	3 Hours
CHM L352	Biochemistry Lab	1 Hour
CHM L382	Physical Chemistry II Lab	1 Hour
CHM 4400	Special Topics in Chemistry	3 Hours
CHM 4403	Advanced Organic Chemistry	3 Hours
CHM L444	Advanced Inorganic Chemistry Lab	1 Hour
CHM 4491/4492	Guided Independent Research	1-3 Hours
CHM 4493/4494	Guided Independent Study	1-3 Hours
CHM 4499	Senior Seminar	1 Hour
STAT 2210	Introductory Statistics	3 Hours

My Degree Map serves as a guide to assist you with the proper sequence and selection of courses. It includes the required coursework and suggested sequence of courses for a particular degree program. It does not replace your program evaluation, which is the official document used to clear students for graduation. Every reasonable attempt to ensure accuracy has been made. Some courses, such as developmental or pre-requisite courses, are not reflected in this degree map. Completion of degree requirements is based on the specific catalog year for each student. A minimum of 120 hours is required for all baccalaureate degree programs. At least 25% of the credit hours required for the degree must be completed in residency with Troy University. At least 12 semester hours of residency must be completed in each major field(s) of study. A minimum GPA of 2.75 overall and in the major is required to graduate. Please review the current Academic Catalog for other requirements not covered in this document. A sequence in literature or history is required. When selecting coursework in Areas II or IV, please consider this requirement. In order to graduate, students must meet all requirements and file a Graduation Application through the Graduation Overview tab in Self-Service by the deadline posted on the Academic Calendar.

SPECIAL NOTE FOR UNIVERSITY HONORS GLOBAL SCHOLARS

All students in the UHGS program are required to complete 12 credits of Honors courses, which include HON 1101 (3), HON 2201 (3), HON 3380 (3), and HON CORE 4498 (3). With the approval of the Honors Program Director, the Associate Provost for Academic Affairs, and the relevant academic Dean, these courses may be substituted for certain University General Studies requirements. In general, HON 1101 replaces TROY 1101 in Area V, while HON 2201/HON 3380/HON 4498 replace 9sh of free electives. If the degree program doesn't require free electives, or if the free electives section has been fulfilled, HON 2201/HON 3380/HON 4498 may replace Area II or Area IV credit hours, or major/minor electives in some cases, if approved by the Department Chair and/or Dean of the discipline.