

TEXAS A&M UNIVERSITY-CORPUS CHRISTI
 COLLEGE OF SCIENCE AND ENGINEERING
 MASTER OF SCIENCE IN CHEMISTRY
DEGREE PLAN - PROFESSIONAL TRCK - NON-THESIS OPTION

Catalog: 2020-2021

Name _____ Banner ID # _____

Previous Degrees _____ Disciplin _____

School _____ Year _____

Admission term _____

Emphasis Area _____

Required Courses

| Course | Title | Grade | SCH | YR/SEM | Career |
|-----------|--|-------|-----|--------|--------|
| CHEM 5303 | Research in the Chemical Sciences (required 1st sem) | _____ | 3 | _____ | _____ |
| CHEM 5317 | Advanced Instrumental Analysis | _____ | 3 | _____ | _____ |
| CHEM 5369 | Advanced Molecular Spectroscopy | _____ | 3 | _____ | _____ |
| CHEM 5397 | Directed Research (max credit 6 SCH.) | _____ | 3 | _____ | _____ |

Advanced Electives (24 hours Minimum)

| | | | | | |
|-----------|--|-------|----------|-------|-------|
| CHEM 5321 | Molecular Ecology (3 SCH) | _____ | 3 | _____ | _____ |
| CHEM 5322 | Supramolecular Chemistry (3 SCH) | _____ | 3 | _____ | _____ |
| CHEM 5341 | Advanced Organic Chemistry | _____ | 3 | _____ | _____ |
| CHEM 5352 | Computational Chemistry | _____ | 3 | _____ | _____ |
| CHEM 5361 | Organic Geochemistry | _____ | 3 | _____ | _____ |
| CHEM 5362 | Chemical Oceanography | _____ | 3 | _____ | _____ |
| CHEM 5375 | Stable Isotope Biogeochemistry | _____ | 3 | _____ | _____ |
| CHEM 5397 | Directed Research (max credit 6 SCH on degree) | _____ | 3 | _____ | _____ |
| CHEM 5417 | Advanced Environmental Chemistry (4) | _____ | 4 | _____ | _____ |
| CHEM 5421 | Aquatic Chemistry (4) | _____ | 4 | _____ | _____ |
| CHEM 5490 | Advanced Topics (1-4 SCH) | _____ | _____ | _____ | _____ |
| | Additional courses from relevant fields may apply with committee approval | _____ | variable | _____ | _____ |
| | GPA (Min 3.0) | | | | |

Requirement Summary _____ **TOTAL HOURS (Minimum 36)**
Transfer Hours (9 Max) Non-Degree to Degree hrs (9 max)

Approved By: **Print and sign name below**

| | | |
|---------------------|-------|------|
| GAC Chair | _____ | date |
| Com. Member | _____ | date |
| Com. Member | _____ | date |
| Student | _____ | date |
| Program Coordinator | _____ | date |