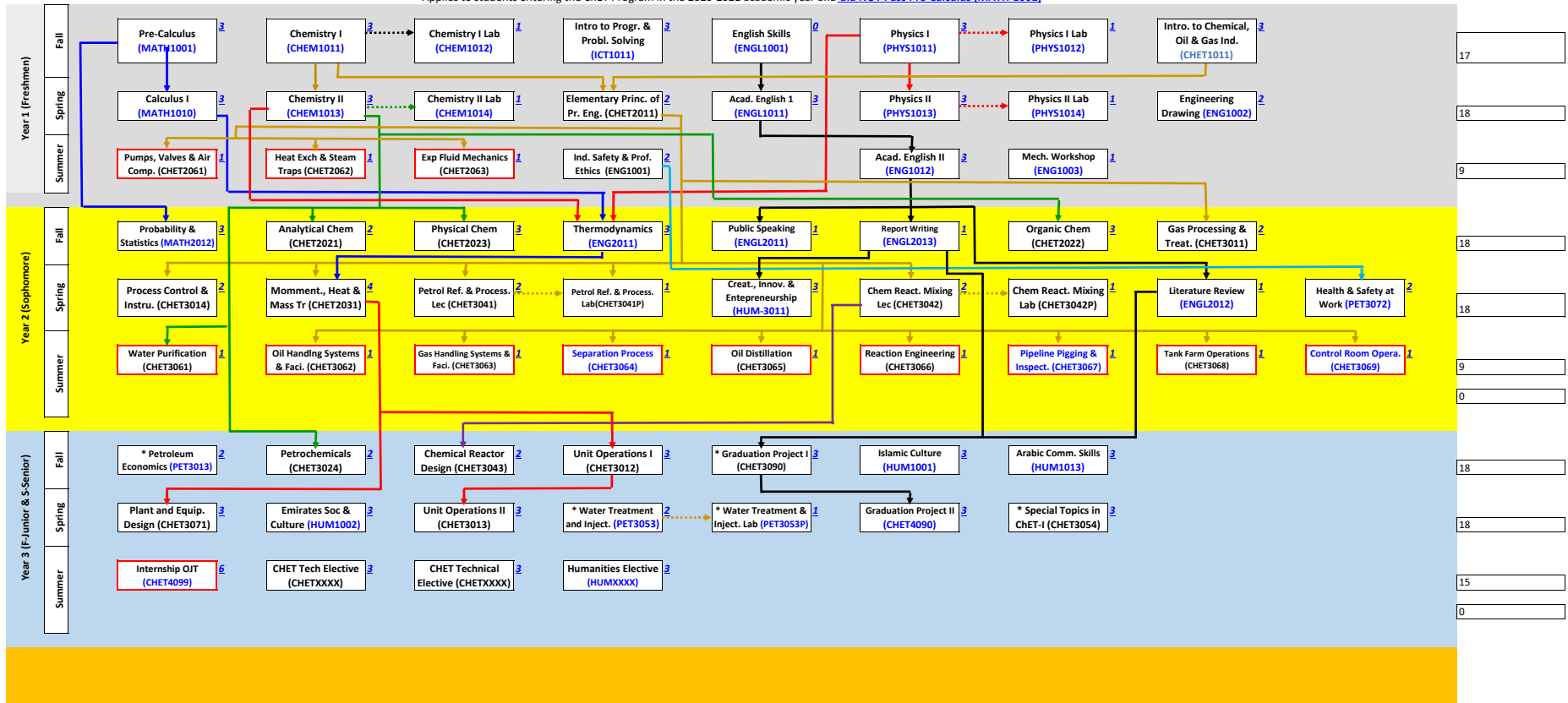


**Chemical Engineering Technology STUDY PLAN**  
**SPECIALIZATION: Chemical Engineering Technology - Applied Bachelor (AB)**  
**Total Credits Hours = 140 C.H.**

Applies to students entering the ChET Program in the 2020-2021 academic year and **did NOT Pass Pre-Calculus (MATH-1001)**



→ Pre-requisite: Means post-requisite can not be taken at the same time  
 ..... Co-requisite: Means course must be taken at the same time, or has already been completed

**Graduation Projects pre-requisite:**

CHET-3090: Completion of 90 Credit Hours + ENGL2012 + ENGL2013  
 CHET-4090: Completion of PET-3090  
 Pre-requisites for Unit Ops.; Chemical Rxn Design: CHET-3012 & CHET-3043: Senior Standing  
 Pre-requisite for Calculus I (MATH-1011): placement exam >70%, or precalculus MATH1001  
On-the-Campus Training: Sophomore and Junior Standing

Major (CHET/PET-xxxx) Technical Electives (6 credits)		
Code	Course Title (credit hours)	Pre-Req.
PET-3051	Numerical Methods (3 cr.)	CT-1011 Intro to Progr. & Probl. Solving
PET-3052	Enhanced Oil Recovery (3 cr.)	Advisor (PET999) + PET 3071 Sub. Production Eng.
CHET-3055	Special Topics in ChET-II (3 cr.)	CHET-3054 Special Topics in ChET-I
CHET-3051	Process Modeling & Simulation (3 cr.)	Advisor (PET999)
CHEM-4011	Environ. Science & Analysis (3 cr.)	Advisor (PET999) & CHEM-1011 Chemistry I

Humanities (HUM-xxxx) Elective (3 credits + HUM-3011)		
Code	Course Title (credit hours)	Pre-Req.
HUM-3011	Creat., Innov. & Entrepreneurship (3 cr.) <b>Mandatory</b>	ENGL-2013 Report Writing
HUM-1000	Life-Long Learning Skills (3 cr.)	No pre-requisite
HUM-2011	Psychology (3 cr.)	ENGL-1012 Academic English II
HUM-3012	Personal Development & Planning (2 cr.)	ENGL-1012 Academic English II
HUM-XXXX	Other Offered Humanities Course	Advisor (PET999)
HUM-2012	Applied Research Methods	No pre-requisite

