

The University of Tulsa - Chemical Engineering (402)

Refining Option

Name: _____

I.D.#. _____

Effective Date: May 1, 2011
Minimum Hours for Graduation: 131

Freshman Year 15 Hours	15 Hours	Sophomore Year 17 Hours	18 Hours	Junior Year 18 Hours	16 Hours	Senior Year 17 Hours	15 Hours
BLOCK-I ¹	MATH 2024 PR: MATH 2014	BLOCK-II ¹	BLOCK-I ¹	BLOCK-II ¹	CHE 3112 PR: MATH 3073 PR: CHE 2003	CHE 4003 PR: ES 3003 PR: ES 3073	GEN ELEC. 3
ENGL 1033	CHEM 1023 PR: CHEM 1013 CHEM 1011	MATH 2073 PR: MATH 2024	BLOCK-II ¹	ENGL 3003 PR: ENGL 1033 JR. STANDING	CHE 3084 PR: CHE 3063 CHE 2003	CHE 4104 PR: CHE3084	BLOCK-II ¹
MATH 2014	CHEM 1021 CR: CHEM 1023	PHYS 2063 PR: PHYS 2053 CR: MATH 2073	CHEM 3023	CHE 3063 PR: ES 3053 PR: CHE 2003	CHE 4063 CR: CHE 3084	CHE 4113 PR: CHE 3112 CHE 3084	CHE 4183 SR. STANDING
CHEM 1013	PHYS 2053 CR: MATH 2024	PHYS 2061 CR: PHYS 2063	MATH 3073 PR: MATH 2024	ES 3073 CR: ES 3003 CR: MATH 3073	CHEM 4023 PR: CHEM 3033 or CHE 3063	Any 4000 level Eng course (3) ³	CHE 4083 PR: CHE 4063 PR: ENGL 3003 PR: CHE 4104
CHEM 1011 CR: CHEM 1013	PHYS 2051 CR: PHYS 2053	CHEM 3013 PR: CHEM 1023	CHE 2003 PR: CHEM 1023 PR: CHE 1003, 1013 CR: MATH 2024 CR: ES 3053	ES 2013 or PR: PHYS 2053 ES 3083	CHEM 4021 PR: CHEM 3033 CHEM 3031 CR: CHEM 4023	CHEM 4083 PR: CHEM 3011, 4021, 4023	CHE 4013 PR: CHE 4063 CR: CHE 4113
CHE 1001	CHE 1013 PR: CHE 1002 CR: MATH 2014	CHEM 3011 CR: CHEM 3013	ES 3003 PR: PHYS 2053 CR: MATH 2073 CR: ES 3053	EE 2003 PR: PHYS 2063 CR: MATH 3073	MATH ELEC. ²	CHEM 4081 PR: CHEM 4021 CR: CHEM 4083	
		ES 3053 PR: PHYS 2053 PR: CHEM 1013 CR: MATH 2073					

¹ Tulsa Curriculum Courses may be taken in any order. No more than 2 courses from a single department. Must be taken from approved block courses published each semester. These courses must satisfy ABET requirements.

² STAT 4813, MATH 4123, MATH 4133, MATH 4143, MATH 4213 or MATH 4503

³ Any 3 credit 4000 level Engineering courses

**Tulsa Curriculum
Courses**

Math, Basic
Science, ES

Major courses

Name: _____
 I. D. #: _____

¹ **TULSA CURRICULUM (H & SS)**

Block	Course	CR	Grade	Remarks
I	_____	___	___	_____
I	_____	___	___	_____
II	_____	___	___	_____
II	_____	___	___	_____
II	_____	___	___	_____
Total:		18 Cr Hrs.		

OTHER

Course	CR	Grade	Remarks
ENGL 1033	3	___	_____
ENGL 3033	3	___	_____
Total:		6 Cr. Hrs	

GENERAL ELECTIVE

Course	CR	Grade	Remarks
_____	___	___	_____
Total:		3 Cr Hrs	

Math & Basic Sciences	33 cr hrs
Tulsa Curriculum (H & SS)	18 cr hrs
Advanced Chemistry	15 cr hrs
Other	6 cr hrs
Elective	3 cr hrs
ChE Courses	50 cr hrs
Engineering Science	6 cr hrs
Total	131 cr hrs

*The required courses shown meet ABET requirements.
 See other side for additional notations.

MATHEMATICS

Course	CR	Grade	Remarks
MATH 2014	4	___	_____
MATH 2024	4	___	_____
MATH 2073	3	___	_____
MATH 3073	3	___	_____
² _____	3	___	_____
Total:		17 Cr Hrs	

BASIC SCIENCES

Course	CR	Grade	Remarks
PHYS 2051	1	___	_____
PHYS 2053	3	___	_____
PHYS 2061	1	___	_____
PHYS 2063	3	___	_____
CHEM 1013	3	___	_____
CHEM 1011	1	___	_____
CHEM 1023	3	___	_____
CHEM 1021	1	___	_____
Total:		16 Cr Hrs	

ADVANCED CHEMISTRY

Course	CR	Grade	Remarks
CHEM 3011	1	___	_____
CHEM 3013	3	___	_____
CHEM 3023	3	___	_____
CHEM 4021	1	___	_____
CHEM 4023	3	___	_____
CHEM 4081	1	___	_____
CHEM 4083	3	___	_____
Total:		15 Cr Hrs	

CHE PROFESSIONAL COURSES

Course	CR	Grade	Remarks
ChE 1002	2	___	_____
ChE 1013	3	___	_____
ChE 2003	3	___	_____
ChE 3063	3	___	_____
ChE 3084	4	___	_____
ChE 3112	2	___	_____
ChE 4003	3	___	_____
ChE 4013	3	___	_____
ChE 4063	3	___	_____
ChE 4083	3	___	_____
ChE 4104	4	___	_____
ChE 4113	3	___	_____
ChE 4183	3	___	_____
³ _____	3	___	_____
ES 3003	3	___	_____
ES 3053	3	___	_____
ES 3073	3	___	_____
Total:		50 Cr Hrs	

ENGINEERING SCIENCE

Course	CR	Grade	Remarks
ES 2013		___	_____
or ES 3083	<u>3</u>	___	_____
EE 2003	<u>3</u>	___	_____
Total:		6 Cr Hrs	

Comments: _____

