

# The University of Tulsa - Chemical Engineering (402)

## Environmental Option

Name \_\_\_\_\_

I.D.#. \_\_\_\_\_

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

Freshman Year		Sophomore Year		Junior Year		Senior Year	
15 Hours	15 Hours	17 Hours	18 Hours	18 Hours	16 Hours	17 Hours	15 Hours
<b>BLOCK-I</b> <sup>1</sup>	MATH 2024 PR: MATH 2014	MATH 2073 PR: MATH 2024	<b>BLOCK-I</b> <sup>1</sup>	<b>BLOCK-II</b> <sup>1</sup>	CHE 3112 PR: MATH 3073 PR: CHE 2003	<b>BLOCK-II</b> <sup>1</sup>	<b>BLOCK-II</b> <sup>1</sup>
<b>ENGL 1033</b>	CHEM 1023 PR: CHEM 1013 CHEM 1011	ES 3053 PR: PHYS 2053 PR: CHEM 1013 CR: MATH 2073	<b>BLOCK-II</b> <sup>1</sup>	<b>ENGL 3003</b> PR: ENGL 1033 JR. STANDING	CHE 4063 CR: CHE 3084	CHE 4104 PR: CHE 3084	CHE 4163 SR. STANDING
MATH 2014	CHEM 1021 CR: CHEM 1023	GEOL 1014	MATH 3073	MATH ELEC. <sup>2</sup>	CHE 3084 PR: CHE 3063 CHE 2003	CHE 4003 PR: ES 3003 PR: ES, 3073	CHE 4083 PR: CHE 4063 PR: ENGL 3003 PR: CHE 4104
CHEM 1013	PHYS 2053 CR: MATH 2024	CHEM 3013 PR: CHEM 1023	CHEM 3023 PR: CHEM 3013	CHE 3063 PR: ES 3053 PR: CHE 2003	CHEM 4053	4000 level Engineering (3) <sup>3</sup>	CHE 4013 PR: CHE 4063 CR: CHE 4113
CHEM 1011 CR: CHEM 1013	PHYS 2051 CR: PHYS 2053	CHEM 3011 CR: CHEM 3013	CHE 2003 PR: CHEM 1023, CHE 1002 & CHE 1013 CR: MATH 2024 CR: ES 3053	EE 2003 PR: PHYS 2063 CR: MATH 3073	CHEM 4023 PR: CHE 3063 CR: CHE 3063	CHEM 4083 PR: CHEM 3011, 4021, 4023	CHE 4113 PR: CHE 3112
CHE 1001	CHE 1013 PR: CHE 1002 CR: MATH 2014	PHYS 2063	ES 3003 PR: MATH 2073 PR: PHYS 2053 CR: ES 3053	ES 3073 CR: MATH 3073 CR: ES 3003	CHEM 4021 PR: CHE 3063 CR: CHEM 4023	CHEM 4081 PR: CHEM 4021 CR: CHEM 4033	

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

<sup>3</sup> Any 3 credit 4000 level engineering course

<sup>2</sup> STAT 4813, MATH 4123, MATH 4133, MATH 4143, MATH 4213, or MATH 4503.

Tulsa Curriculum  
Courses

Math, Basic  
Science, ES

Major courses

Name: \_\_\_\_\_  
 I. D. #: \_\_\_\_\_

**MATHEMATICS**

Course	CR	Grade	Remarks
MATH 2014	4	___	_____
MATH 2024	4	___	_____
MATH 2073	3	___	_____
MATH 3073	3	___	_____
<sup>2</sup> _____	3	___	_____
<b>Total:</b>		17 Cr Hrs	

**BASIC SCIENCES**

Course	CR	Grade	Remarks
PHYS 2051	1	___	_____
PHYS 2053	3	___	_____
PHYS 2063	3	___	_____
GEOL 1014	4	___	_____
CHEM 1011	1	___	_____
CHEM 1013	3	___	_____
CHEM 1021	1	___	_____
CHEM 1023	3	___	_____
<b>Total:</b>		19 Cr Hrs	

**ADVANCED CHEMISTRY**

Course	CR	Grade	Remarks
CHEM 3011	1	___	_____
CHEM 3013	3	___	_____
CHEM 3023	3	___	_____
CHEM 4021	1	___	_____
CHEM 4023	3	___	_____
CHEM 4053	3	___	_____
CHEM 4081	1	___	_____
CHEM 4083	3	___	_____
<b>Total:</b>		15 Cr Hrs	

<sup>1</sup>**TULSA CURRICULUM (H & SS)**

Block	Course	CR	Grade	Remarks
I	_____	___	___	_____
I	_____	___	___	_____
II	_____	___	___	_____
II	_____	___	___	_____
II	_____	___	___	_____
<b>Total:</b>		18 Cr Hrs.		

**OTHER**

Course	CR	Grade	Remarks
ENGL 1033	3	___	_____
ENGL 3003	3	___	_____
<b>Total:</b>		6 Cr Hrs	

**ChE PROFESSIONAL COURSES**

Course	ES	ED	CR	Grade	Remarks
ChE 1001	1	0	1	___	_____
ChE 1013	2	1	3	___	_____
ChE 2003	2	1	3	___	_____
ChE 3063	2	1	3	___	_____
ChE 3084	2	2	4	___	_____
ChE 3112	2	0	2	___	_____
ChE 4003	2	1	3	___	_____
ChE 4013	2	1	3	___	_____
ChE 4063	1	2	3	___	_____
ChE 4083	0	3	3	___	_____
ChE 4104	1	3	4	___	_____
ChE 4113	1	2	3	___	_____
ChE 4163	3	0	3	___	_____
ES 3003	2	1	3	___	_____
ES 3053	2	1	3	___	_____
ES 3073	2	1	3	___	_____
<sup>3</sup> _____	___	___	3	___	_____
<b>Total:</b>		29	21	50 Cr Hrs - minimum	

**ENGINEERING SCIENCE**

Course	ES	ED	CR	Grade	Remarks
EE 2003	3	0	___	___	_____
<b>Total:</b>		6	0	6 Cr. Hrs - minimum	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

* Math & Basic Sciences		36 cr hrs
Tulsa Curriculum (H & SS)		18 cr hrs
Advanced Chemistry		15 cr hrs
Other		6 cr hrs
Engineering Science		35 cr hrs
Engineering Design		21 cr hrs
<b>Total:</b>		131 cr hrs

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