

## Bachelor of Science in Exploration Technology (SWPU) to Bachelor of Science in Geoscience – Geophysics Option (TU)

Total Credit Hours at SWPU (68) + Total Credit Hours at University of Tulsa (54) = 122 Credit Hours

Modalities Available (On-Campus, Online, Blended): On-Campus

University Campus Location: University of Tulsa, 800 S Tucker Dr, Tulsa, OK 74104

<b>YEAR ONE &amp; TWO – SOUTHWEST PETROLEUM UNIVERSITY</b>		
<b>SWPU COURSE</b>	<b>TU EQUIVALENTS</b>	<b>CREDIT HRS</b>
BASIS OF GEOLOGY	GEOL 1014	4
ADVANCED MATHEMATICS (I – 1)	MATH 2014 + MATH 2024	8
ADVANCED MATHEMETICS (I – 2)	MATH 2073 + MATH 3073 (Tech Elective)	6
COLLEGE PHYSICS (I – 1) + EXPERIMENTS OF PHYSICS	PHYS 2053 + PHYS 2051	4
COLLEGE PHYSICS (I – 2) + EXPERIMENTS OF PHYSICS	PHYS 2063 + PHYS 2061	4
COLLEGE CHEMISTRY (I)	CHEM 1013 + CHEM 1011	4
COLLEGE CHEMISTRY (II)	CHEM 1023 + CHEM 1021	4
GENERAL ELECTIVE	GENERAL ELECTIVE	3
GEOPHYSICS	GPHY 2503	3
CYRSTELLOGRAPHY & MINERALOGY	GEOL 2034	4
PALENTOLOGY	GEOSCIENCE ELECTIVE	3
GEOLOGY ELECTIVE	GEOSCIENCE ELECTIVE	3
BLOCK ONE EQUIVALENT – SEE ATTACHED LIST	BLKA 1003	3
BLOCK ONE EQUIVALENT – SEE ATTACHED LIST	BLKA 1003	3
BLOCK TWO EQUIVALENT – SEE ATTACHED LIST	BLKB 1003	3
BLOCK TWO EQUIVALENT – SEE ATTACHED LIST	BLKB 1003	3
BLOCK TWO EQUIVALENT – SEE ATTACHED LIST	BLKB 1003	3
BLOCK TWO EQUIVALENT – SEE ATTACHED LIST	BLKB 1003	3
<b>TOTAL HOURS</b>		<b>68</b>

## SWPU BLOCK EQUIVALENTS

BLOCK ONE (TAKE 2)	BLOCK TWO (TAKE 4)
ANALYSIS & APPRECIATION OF CHINESE FOLK MUSIC	CONTEMPORARY WORLD ECONOMY AND POLITICS
APPRECIATION OF ANCIENT CHINESE NOVELS	CULTURAL ANTHROPOLOGY
APPRECIATION OF FAMOUS CHINESE ESSAYS	CROSS-STRAITS RELATIONS & TAIWAN ISSUES
APPRECIATION OF FAMOUS FOREIGN LITERATURE WORKS	DEMOCRACY AND LAW
APPRECIATION OF TANG AND SONG CI POETRY	ECONOMIC FUNDAMENTAL
CALLIGRAPHY APPRECIATION	FOUNDATION FOR ECONOMICS
FOREIGN FILM & TELEVISION CELEBRATED WORK APPRECIATION	GLIMPSE OF BRITISH AND AMERICAN CULTURES
FOREIGN MUSIC APPRECIATION	HISTORY OF WESTERN POLITICAL THOUGHTS
MUSIC THEORY AND SIGHT SEEING	INTERNATIONAL LAW
REVIEW OF MODERN LITERATURE MASTERS	INTRODUCTION TO CHINESE CIVILIZATION
SELECTIVE READING OF ENGLISH LITERATURE	INTRODUCTION TO RUSSIAN CULTURE
SKETCH	INTRODUCTION TO SOCIOLOGY
SPEECH AND DEBATE	MACROECONOMICS
	MICROECONOMICS
	OUTLINE OF MODERN CHINESE HISTORY
	PHILOSOPHY AND THE ART OF LIVING
	POLITICAL SOCIOLOGY
	THE ENVIRONMENTAL LAW
	THE PETROLEUM POLITICS
	THOUGHTS ON WESTERN PHILOSOPHY
	RATIONAL SPIRIT OF QIN

**Any class taken at SWPU not listed in the tables above will need a course description and syllabus sent to [transfer-evals@utulsa.edu](mailto:transfer-evals@utulsa.edu) for evaluation by the department.**

**Transfer of credit is not guaranteed for courses outside this agreement.**

YEAR THREE – UNIVERSITY OF TULSA					
Semester Five (SUMMER)		Semester Six (FALL)		Semester Seven (SPRING)	
TU Course	Hrs.	TU Course	Hrs.	TU Course	Hrs.
ENGL 1004 <sup>1</sup>	4	ENGL 1033	3	GEOG 3053	3
		FYE 1001	1	TECH ELECTIVE <sup>2</sup>	3
		TECH ELECTIVE <sup>2</sup>	3	GEOSCIENCE ELECTIVE <sup>3</sup>	3
		GEOL 3153	3	MATH 4503	3
		GEOL 3151	1		
		GENERAL ELECTIVE	2		
<b>Semester Credit Hours at TU:</b>	<b>4</b>	<b>Semester Credit Hours at TU:</b>	<b>13</b>	<b>Semester Credit Hours at TU:</b>	<b>12</b>
YEAR FOUR – UNIVERSITY OF TULSA					
Semester Eight (FALL)		Semester Nine (SPRING)			
TU Course	Hrs.	TU Course	Hrs.		
TECH ELECTIVE <sup>2</sup>	3	TECH ELECTIVE <sup>2</sup>	3		
TECH ELECTIVE <sup>2</sup>	3	GEOL 4111	1		
GEOSCIENCE ELECTIVE <sup>3</sup>	3	GEOL 4113	3		
GEOSCIENCE ELECTIVE <sup>3</sup>	3	GEOL 4083	3		
		GPHY 4053	3		
<b>Semester Credit Hours at TU:</b>	<b>12</b>	<b>Semester Credit Hours at TU:</b>	<b>13</b>		

- 1: Enrollment in ENGL 1004 can be waived if student is approved to do so by the TU Writing Program after completing the online English proficiency questionnaire. Questionnaire must be completed at least 2 weeks before the semester a student wishes to start enrolling in at TU. If student is not required to take ENGL 1004 after completing the online English proficiency questionnaire, an additional 4 hours of general elective credit can be taken in later semesters at TU.
- 2: Technical Electives: All technical electives must be at the 2000 level or higher from the Engineering & Natural Sciences College for which the student has satisfactorily completed the prerequisites: 12 credit hours of geophysics beyond core requirements, and 3 credit hours in electrical engineering.
- 3: Geoscience Electives: 3 courses selected from the following at the 3000 level or above: GPHY 4003, GPHY 4023, GPHY 4033, GPHY 4063, GEOL 4513, GEOL 4523, GPHY 5023, or any 3000- or 4000-level geology, geography, or geophysics elective selected with approval of advisor.

#### Additional TU Program Information:

- All external courses must have the international grade equivalent of a C or higher to transfer into TU. Inclusion of an equivalency on this agreement does not guarantee transfer eligibility if an individual course grade does not meet the minimum grade requirement.
- In order to receive a degree in geosciences, students must complete all geology, geography and geophysics courses with a grade of C or higher and must earn an overall G.P.A. of at least 2.0.
- Foundation courses in geosciences are MATH 2014, CHEM 1013, CHEM 1011, GEOL 1014, and PHYS 2053. Minimum GPA required in Foundation Courses is 2.5 or the international equivalent for geoscience majors.
- If an applicant does not have all the math and science coursework at the time of entrance, TU cannot guarantee the student will be able to graduate in 2 years and may need to be here additional time due to prerequisites needed for our degree plans. If a student is deficient in a general education course, it may still be possible to graduate in 2 years, but the student may need to take extra courses in summer to finish on time.

#### APPROVALS