SAMARKAND INTERNATIONAL UNIVERSITY OF TECHNOLOGY

"CONFIRMED"
V.N. Abdullaev – The Rector of
Samarkand International
University of Technology

CURRICULUM
Major: Civil Engineering
Academic degree – Bachelors of Science
Duration of Education - 4 years
Form of Education - Day time

Outline of Civil Engineering Program at School of Engineering

SIUT Civil Engineering Curriculum			
Freshmen Fall			
Course Number	**Course Title**	**Credit Hours**	**Remark**
CALC26S11	Calculus – I	3	
GCAL26S12	General Chemistry & Lab	3	
ICT26S13	ICT	3	
ITEN26S14	Introduction to Engineering	3	
ACEN26S15	Academic English I	3	
SELA26S16	Second Language I (French, Chinese or Korean)	3	Selection
	TOTAL CREDITS	**18**	
FFIN26S17	**Freshmen Fall Internship**		**Pass/Fail**
Freshmen Spring			
Course Number	**Course Title**	**Credit Hours**	**Remark**
CALC27S21	Calculus II	3	
PMAL27S22	Physics I - Mechanics & Lab	3	
LALG27S23	Linear Algebra	3	
FDES27S24	Freshman Design	3	
ACEN27S25	Academic English II	3	
SELA27S26	Second Language II (French, Chinese or Korean)	3	Selection
	TOTAL CREDITS	**18**	
FSIN27S27	**Freshmen Summer Internship**	1	
Sophomore Fall			
Course Number	**Course Title**	**Credit Hours**	**Remark**
DEQU27S31	Differential Equations	3	
PEML27S32	Physics II - Electricity and Magnetic & Lab	3	
STAT27S33	Statics	3	
PGEO27S34	Physical Geology	3	
ACEN27S35	Academic English III	3	

SELA27S36	Second Language III (French, Chinese or Korean)	3	Selection
	TOTAL CREDITS	**18**	
SFIN27S37	**Sophomore Fall Internship**		**Pass/Fail**
Sophomore Spring			
Course Number	**Course Title**	**Credit Hours**	**Remark**
SAPR28S41	Statistics and Probability	3	
NANA28S42	Numerical Analysis	3	
DYNA28S43	Dynamics	3	
SOML28S44	Strength of Materials & Lab	3	
ACEN28S45	Academic English IV	3	
SELA28S46	Second Language IV (French, Chinese or Korean)	3	Selection
	TOTAL CREDITS	**18**	
SSIN28S47	**Sophomore Summer Internship**	**1**	
Junior Fall			
Course Number	**Course Title**	**Credit Hours**	**Remark**
FMAL28S51	Fluid Mechanics & Lab	4	
MOCO28S52	Materials of Construction	3	
TENG28S53	Transportation Engineering	3	
HSCI28S54	Human Science Elective	2	
CECE28S55	Civil Engineering Construction and Economy	3	
	TOTAL CREDITS	**15**	
JFIN28S56	**Junior Fall Internship**		**Pass/Fail**
Junior Spring			
Course Number	**Course Title**	**Credit Hours**	**Remark**
ITSM29S61	Introduction to Structural Mechanics	3	
FORC29S62	Fundamentals of Reinforced Concrete	3	
SMEC29S63	Soil Mechanics	3	
HYDR29S64	Hydromechanics	3	
HSCI29S65	Human Science Elective	2	
CMAN29S66	Construction Management	3	
	TOTAL CREDITS	**17**	
JSIN29S67	**Junior Summer Internship**	1	
Senior Fall			
Course Number	**Course Title**	**Credit Hours**	**Remark**
SANA29S71	Structural Analysis	3	
DRCS29S72	Design of Reinforced Concrete Structures	3	
FOSD29S73	Fundamentals of Steel Design	3	
EEPR29S74	Engineer, Ethics, Profession, Responsibility	2	
MAFE29S75	Management & Finance in Engineering	3	

	TOTAL CREDITS	**14**	
SFIN29S76	**Senior Fall Internship**		**Pass/Fail**
Senior Spring			
Course Number	**Course Title**	**Credit Hours**	**Remark**
INTE30S81	**Internship in Company**	2	
BAPR30S82	Bachelor Project/Paper	4	
	TOTAL CREDITS	**6**	
	TOTAL CREDITS FOR DEGREE	**127**	