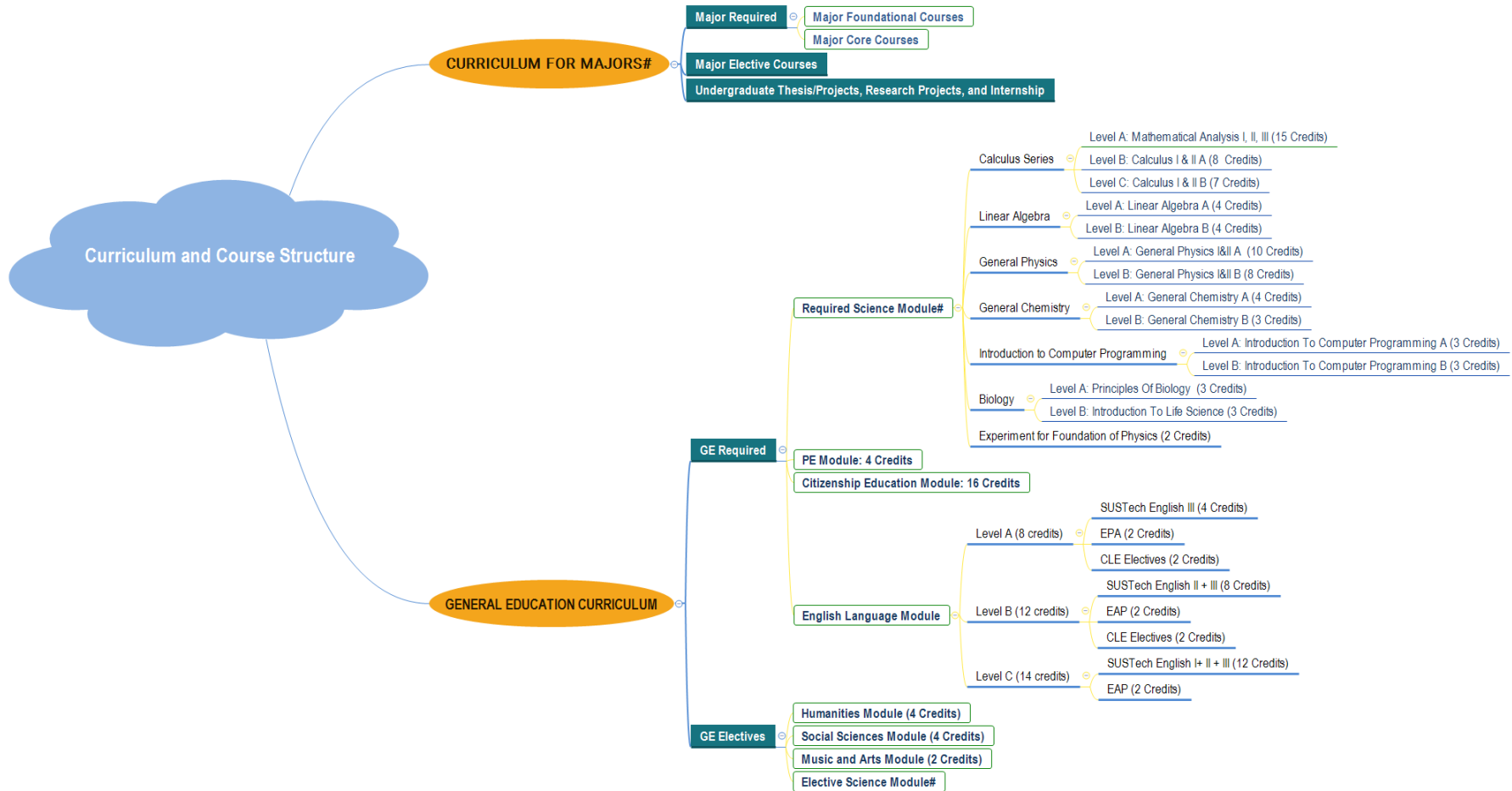


INTRODUCTION

Undergraduate education at Southern University of Science and Technology (SUSTech) aims to meet the most diverse intellectual interests of students, to develop their personal academic goals, and to help them reach their best. The integration of general education and education by subjects is the feature of SUSTech undergraduate education. Both general education and content education are vital part of an undergraduate degree. Students start their undergraduate study from general education with courses across the spectrum of sciences and liberal arts that provide opportunities for students to explore their interests through courses and help students preparing themselves for the major declaration and their development of critical thinking, communication, and understanding of culture, values and science for the future. To fulfill the degree award requirements at SUSTech, students need to complete the following modules of study.

- Four modules for General Education Required: GE Science Module, Physical Education Module, Chinese Language and Culture Module, and English Language Module;
- Four modules for General Education Electives: Humanities Module, Social Sciences Module, and Music & Arts Module, Elective Science Module;
- Major Required Modules: Major Foundational Courses, Major Core Courses;
- Major Elective Module;
- Internship, Research Projects, and Graduation Design and Thesis.

Curriculum and Course Structure for International Students 2021



#See the Specific Program Curriculum for Details

General Education Requirement: Required Courses

There are 4 required modules that students need to complete in the general education (GE) section, i.e. GE Science Module (The number of the required credits depends on the levels of each course stated in the specific program curriculum), Physical Education Module (4 credits), Chinese Language and Culture Module (16 credits), and English Language Module (The number of the required credits depends on the levels assigned based on the placement test).

Table 1 Required GE Module: Science Foundation Courses

Category	Level	Course Code	Course Name	Credit	Lab Credits	Hours/week	Term	Instruction Language	Prerequisite	Dept
Calculus	A	MA101a	Mathematical Analysis I	5	1	6	Spr/Fal	B	NA	MATH
		MA102a	Mathematical Analysis II	5	1	6	Spr/Fal	B	Mathematical Analysis I	
		MA203a	Mathematical Analysis III	5	1	6	Spr/Fall	B	Mathematical Analysis II	
	B	MA101B	Calculus I A	4		4	Spr/Fall	B/E	NA	
		MA102B	Calculus II A	4		4	Spr/Fall	B/E	Calculus I A	
	C	MA101C	Calculus I B	3		3	Spr/Fall	B/E	NA	
		MA102C	Calculus II B	3		3	Spr/Fall	B/E	Calculus I B	
	Linear Algebra	A	MA107A	Linear Algebra A	4		4	Spr/Fall	B/E	
B		MA107B	Linear Algebra B	4		4	Spr/Fall	B/E	NA	
General Physics	A	PHY103A	General Physics A (I)	5		5	Spr/Fall	B/E	NA	PHY

		PHY105A	General Physics A (II)	5		5	Spr/Fall	B/E	General Physics A (I)	
	B	PHY103B	General Physics B (I)	4		4	Spr/Fall	B/E	NA	
		PHY105B	General Physics B (II)	4		4	Spr/Fall	B/E	General Physics B (I)	
General Chemistry	A	CH101A	General Chemistry A	4		4	Spr/Fall	B/E	NA	CHEM
	B	CH101B	General Chemistry B	3		3	Spr/Fall	B/E	NA	
Introduction to Computer Programming	A	CS102A	Introduction to Computer Programming A	3	1	4	Spr/Fall	B/E	NA	CSE
	B	CS102B	Introduction to Computer Programming B	3	1	4	Spr/Fall	B/E	NA	
Biology	A	BIO103	Principles of Biology	3		3	Spr/Fall	B/E	NA	BIO
	B	BIO102B	Introduction to Life Science	3		3	Spr/Fall	B/E	NA	
Experiments of Fundamental Physics		PHY104B	Experiments of Fundamental Physics	2	2	4	Spr/Fall	B/E	NA	PHY

Overview of Requirements for Courses in GE Science Module

Programs	Calculus	Linear Algebra	General Physics	Experiments of Fundamental Physics	General Chemistry	Biology	Introduction to Computer Programming
Mathematics and Applied Mathematics	Level B	Level A	Level B	Required	Elective	Level B	Level B
Physics	Level B	Level A	Level B	Required	Level B	Level B	Level B
Applied Physics	Level B	Level A	Level B	Required	Level B	Level B	Level B
Statistics	Level B	Level A	Level B	Required	Elective	Level B	Level B
Opto-electronic Information Science and Engineering	Level B	Level A	Level B	Required	Elective	Level B	Level A
Communication Engineering	Level B	Level A	Level B	Required	Elective	Level B	Level A
Information Engineering	Level B	Level A	Level B	Required	Elective	Level B	Level A
Materials Science and Engineering	Level B	Level B	Level B	Required	Level B	Elective	Level B
Environmental Science and Engineering	Level B	Level B	Level B	Required	Level A	Level B	Level B
Hydrology and Water Resources Engineering	Level B	Level A	Level B	Required	Level B	Level B	Level A
Oceanography	Level B	Level A	Level B	Required	Level B	Level B	Level B
Mechanical Engineering	Level B	Level A	Level B	Required	Level B	Elective	Level B
Robotics Engineering	Level B	Level A	Level B	Required	Level B	Elective	Level B
Theoretical and Applied Mechanics	Level B	Level A	Level B	Required	Level B	Elective	Level B
Aerospace Engineering	Level B	Level A	Level B	Required	Level B	Elective	Level B
Computer Science and Technology	Level B	Level A	Level B	Required	Elective	Level B	Level A
Intelligence Science and Technology	Level B	Level A	Level B	Required	Elective	Level B	Level A
Biomedical Engineering	Level B	Level A	Level B	Required	Level A	Level A	Level B
Microelectronics Science and Engineering	Level B	Level A	Level B	Required	Level B	Level B	Level B
Big Data Management and Application	Level B	Level A	Level B	Elective	Level B	Level B	Level A
Industrial Design (School of Design)	Level B	Level B	Level B	Required	Elective	Elective	Level B
Bioinformatics	Level B	Level B	Level B	Elective	Level A	Level A	Level A
Biological Sciences	Level B	Elective	Level B	Required	Level A	Level A	Level B

Notes: See page 3 to 4 for details of level A and level B.

Table 2 Required GE Module: Physical Education

Course Code	Course Name	Credits	Hours/week	Terms	Instruction language	Prerequisite	Dept.
GE131	Physical Education I	1	2	Fall	C	NA	PE Center
GE132	Physical Education III	1	2	Spr	C	NA	
GE231	Physical Education III	1	2	Fall	C	NA	
GE232	Physical Education IV	1	2	Spr	C	NA	
GE331	Physical Education V	0	2	Fall	C	NA	
GE332	Physical Education VI	0	2	Spr	C	NA	
Total		4	12				

GE131、GE132、GE231、GE232、GE331、GE332 are required PE courses offered by Center For Physical Education. Students are required to select a specific sport program each semester. Student who meets the exemption conditions stated in "SUSTech Physical Education Course Exemption Regulation" can apply for exemption from GE331 and GE332.

Table 3 Required GE Module: Chinese Languages & Culture

Course Code	Course Name	Credit	Hours/week	Term	Language Instruction	Prerequisite	Dept.
CLE008	Elementary Chinese I	2	4	1/Fall	B	NA	CLE
CLE009	Elementary Chinese II	2	4	1/Spr	B	CLE008	
CLE027	Intermediate Chinese I	2	4	2/Fall	B	CLE009	
CLE028	Intermediate Chinese II	2	4	2/Spr	B	CLE027	
CLE031	Advanced Chinese I	2	4	3/Fall	B	CLE028	
CLE032	Advanced Chinese II	2	4	3/Spr	B	CLE031	
CLE033	Chinese Culture	2	2	Spr/Fall	B/E	NA	CLE/HUM/
CLE034	Chinese History	2	2	Spr/Fall	B/E	NA	SSC
Total		16	28				

Table 4 Required GE Module: List of English Language Courses

Course Code	Course Name	Credit	Hours/week	Language	Instruction	Prerequisite	Notes
CLE021	SUSTech English I	4	4	E	E	NA	Required
CLE022	SUSTech English II	4	4	E	E	CLE021	
CLE023	SUSTech English III	4	4	E	E	CLE022	
CLE030	English for Academic Purposes	2	2	E	E	CLE023	
/	(at least one 2-credit CLE elective course)	2	2	E	E	CLE030	Level A & B Required

All students are required to undertake the English Placement Test before selecting courses, based on which students will be assigned to A/B/C 3 levels. Students at different levels will start with the specified SUSTech English (SE) courses and finish the required module after completing CLE030 English for Academic Purposes.

Level A: Starts with SUSTech English III;

Level B: Starts with SUSTech English II;

Level C: Starts with SUSTech English I.

Table 5 Requirement for English Language Courses

Level	Required English Courses					Total Credits for English Courses
	SUSTech English I	SUSTech English II	SUSTech English III	English for Academic Purposes	CLE Electives	
Level A			4 credits	2 credits	2 credits	8
Level B		4 credits	4 credits	2 credits	2 credits	12
Level C	4 credits	4 credits	4 credits	2 credits	Not required	14

After completing the required module of English compulsory courses, students in A and B levels are required to continue their foreign language learning by taking at least one 2-credit CLE elective course. CLE elective courses cover a wide range from cross-cultural communication,

STEM related English courses, language and thinking series, English for specific purposes, and second foreign language courses.

Students who have completed an English language course for their specific major may submit a written application for the accreditation to fulfill the CLE elective requirement. Once the application is approved, those credits will be identified as the CLE elective ones required in the GE English Module and cannot be used to fulfill the credit requirement of other course types.

Table 6 GE Electives Offered by CLE

Course Code	Course Name	Credits	Practicum Credits	Hours /Week	Prerequisite	Dept.
GE2229	Public Speaking	2	0	2	CLE030	CLE
GEL006	Communication Skills	2	0	2	CLE030	CLE
CLE010	English for Engineering	2	0	2	CLE030	CLE
CLE012	Scientific and Technical Translation	2	0	2	CLE030	CLE
CLE013	English Pronunciation	2	0	2	CLE030	CLE
CLE019	Critical Thinking & English Debate	2	0	2	CLE030	CLE
CLE026	Scientific Writing	2	0	2	CLE030	CLE
CLE038	Science Through Science Fiction	2	0	2	CLE030	CLE
CLE039	English for Career Development	2	0	2	CLE030	CLE
CLE041	English for International Academic Conference	2	0	2	CLE030	CLE
CLE042	The Science of Harry Potter	2	0	2	CLE030	CLE
CLE043	Cambridge Business English (Vantage)	2	0	2	/	CLE
CLE044	English for Innovators	2	0	2	/	CLE
CLE045	Cambridge Business English (Higher)	2	0	2	/	CLE
CLE046	Advanced Grammar in Use & Writing	2	0	2	/	CLE
CLE047	The Language of Interdisciplinary Problem Solving	2	0	2	/	CLE
CLE048	Elementary Spanish	2	0	2	1. IELTS (7.0) or TOEFL (100) and above scores, or 2. Some specific learning needs	CLE
CLE049	Elementary German	2	0	2		CLE
CLE050	Elementary Japanese	2	0	2		CLE
CLE051	Elementary French	2	0	2		CLE
CLE052	Podcasting: English Listening and Speaking Through Culture	2	0	2	/	CLE

CLE053	English for Professional Engineering Skills: Language in Project Design, Management and Communication	2	0	2	CLE030	CLE
CLE054	Upper Elementary French	2	0	2	1. IELTS (7.0) or TOEFL (100) and above scores; 2. Completion of the elementary level courses or equivalent.	CLE
CLE055	Upper Elementary Spanish	2	0	2		CLE
CLE056	Upper Elementary Japanese	2	0	2		CLE
CLE057	Upper Elementary German	2	0	2		CLE
CLE060	English for Fluency	2	0	2	/	CLE
CLE061	Study Abroad Language and Culture Development	2	0	2	/	CLE

Notes:

1. This course list will be extended with new courses developed.
2. All English courses are instructed in English language.
3. Second foreign language courses are instructed in the target language or bilingually.
4. Most CLE elective courses are offered in Spring and Summer semesters.
5. Test preparation courses are offered in every semester.
6. Second foreign language courses are offered in Spring and Fall semesters.

General Education Requirement: Elective Courses

General Education Elective Courses include four modules: Humanities Module, Social Sciences Module, Arts Module, Elective Science Module. Students are required to complete 4 credits for the Humanities Module and Social Sciences Module respectively, and 2 credits for the Music and Art Module. The requirements for Elective Science Module are specified in the curriculum of each program. Please check the details in the specified curriculum.

I. Humanities Module

Humanities Learning Objectives and Outcomes: 1) Students will appreciate a wide range of Chinese and Western classic literary works and be able to interpret and analyze the genre, theme, historical background critically from a modern perspective. 2) Students will gain solid knowledge in Chinese academic writing and develop comprehension in language maneuverability. Students will improve their communication skills, as global citizens and leaders. 3) Students will be exposed to a wide range of humanities disciplines in their historical contexts and establish cultural foundation. 4) Philosophy of Science and Ethics of Science and Technology. Students are expected to take advantage of this knowledge to think and solve problems creatively.

Table 7 GE Electives: Humanities Module

Course Code	Course Name	Credits	Practicum Credits	Hours/Week	Prerequisite	Dept.
HUM002	Modern Chinese Philosophy	2	0	2	NA	HUM
HUM003	Art & Design: from Theories to Practice	2	0	2	NA	HUM
HUM005	Science Fiction Film: A Creative Introduction	2	0	2	NA	HUM
HUM006	New Media and Youth Subculture Studies: Theories and Cases	2	0	2	NA	HUM
HUM007	Design Drawings	2	0	2	NA	HUM
HUM008	Elementary Form-making	2	0	2	NA	HUM
HUM009	Special Lectures on Famous Humanities Scholars	2	0	2	NA	HUM
HUM010	Art History in Space	2	0	2	NA	HUM
HUM011	Introduction to the Classics of Foreign Literature	2	0	2	NA	HUM
HUM012	Languages & Linguistics	2	0	2	NA	HUM

HUM013	The Art of War and Chinese Strategic Culture	2	0	2	NA	HUM
HUM014	Science Fiction: Fiction and Film	2	0	2	NA	HUM
HUM017	Metrical Patterns of Poetry And How to Write Ancient Poetry	2	0	2	NA	HUM
HUM018	Science Fiction Writing	2	0	2	HUM005 or HUM014 or HUM037	HUM
HUM019	The Methodology of the Future	2	0	2	NA	HUM
HUM021	Pre-Qin Ideology and Culture	2	0	2	NA	HUM
HUM024	One Thousand and One Nights: An Introduction	2	0	2	NA	HUM
HUM028	Imagination: An Introduction	2	0	2	NA	HUM
HUM029	An Introduction on the History of Science and Civilization	2	0	2	NA	HUM
HUM033	Experimental Phonetics	2	0	2	NA	HUM
HUM037	Appreciation of Science Fiction Literature	2	0	2	NA	HUM
HUM038	Appreciation of the Recitation	2	0	2	NA	HUM
HUM039	Anatomy and Physiology of Speech Mechanism and Communication Disorder	2	0	2	HUM033 or HUM046	HUM
HUM040	Introduction to Chinese Information Processing	2	0	2	NA	HUM
HUM041	Primary Cantonese	2	0	2	NA	HUM
HUM043	Introduction to Innovative Space Design	2	0	2	NA	HUM
HUM045	An Introduction to the Arab World	2	0	2	NA	HUM
HUM046	Phonetics	2	0	2	NA	HUM
HUM047	An Introduction to Ling-nan Dialects and Culture	2	0	2	NA	HUM
HUM049	A Dream of Red Mansions and the Human Life of Chinese People	2	0	2	NA	HUM
HUM050	Lectures on Scientific and Technological Ethicists	2	0	2	NA	HUM
HUM051	Engineering Philosophy and Engineering Ethics	2	0	2	NA	HUM
HUM052	An Introduction to Western Philosophy	2	0	2	NA	HUM
HUM053	An Introduction to Chinese Philosophy	2	0	2	NA	HUM
HUM054	The History of Science in Modern China	2	0	2	NA	HUM
HUM055	The Art and Science in Western Painting	2	0	2	NA	HUM
HUM056	Films from the Perspective of Ecological Thoughts	2	0	2	NA	HUM
HUM057	Natural History and Natural Education	2	0	2	NA	HUM
HUM058	Computational Thinking Approaches in the Study of Social Science Problems	2	0	2	NA	HUM
HUM059	Colors and Cultures of the Arab World	2	0	2	NA	HUM
HUM060	World Building in Science Fiction Works	2	0	2	NA	HUM
HUM061	Human Development and Environmental Change	2	0	2	NA	HUM
HUM062	Compendium of Medical Humanities	2	0	2	NA	HUM
HUM063	Voiceprint Identification	2	0	2	NA	HUM

HUM064	An Introduction to French Contemporary Thoughts	2	0	2	NA	HUM
HUM065	Scientific Integrity and Academic Code	2	0	2	NA	HUM
Notes: 1. The minimum requirement for this module is 4 credits. 2. This course list will extend with new courses developed. 3. The instruction languages of these courses are bilingual or English. Information about the available courses and the instruction language will be announced before the course selection session.						

II. Social Sciences Module

Courses in the Social Sciences Module aim to forester students with the following abilities: 1) critical thinking in observing and analyzing social phenomena; 2) grasp of methods and skills in doing social research; 3) understanding of social and cultural diversity, and theories in social sciences. Students are required to complete the learning of at least 4 credits in this module.

Table 8 GE Electives: Social Sciences Module

Course Code	Course Name	Credits	Practicum Credits	Hours /Week	Prerequisite	Dept.
SS002	Great Archaeological Discoveries	2	0	2	NA	SSC
SS004	Cultural Studies	2	0	2	NA	SSC
SS005	Western Social and Political Theories	2	0	2	NA	SSC
SS006	Film and China Today	2	0	2	NA	SSC
SS007	Understanding Death	3	0	3	NA	SSC
SS012	Morality, Culture and Human Cooperation	2	0	2	NA	SSC
SS014	Popular Culture of Contemporary Japan	2	0	2	NA	SSC
SS016	Memory Study of Sino-Foreign Culture	2	0	2	NA	SSC
SS018	Appreciation of Arts	2	0	2	NA	SSC
SS021	Understanding and Making Documentary	2	0	2	NA	SSC
SS022	Introduction to Culture Heritage	2	0	2	NA	SSC
SS024	Basic Skills of Video Shooting and Editing	2	0	2	NA	SSC
SS025	Consumption Culture and Contemporary Society	2	0	2	NA	SSC
SS029	Politics: an Introduction	2	0	2	NA	SSC
SS033	A Chinese History in Archaeological Records	2	0	2	NA	SSC
SS037	Introduction to Cultural Anthropology	2	0	2	NA	SSC
SS039	Ethnographic Films and Cultural Diversity	1	0	2	NA	SSC
SS047	Introduction to Globalization	2	0	2	NA	SSC
SS053	Body and Affection	2	0	2	NA	SSC
SS054	Modern Japanese Cultural History	2	0	2	NA	SSC
SS058	Hebrew Literature and Culture	2	0	2	NA	SSC
SS059	Urbanization in China	2	0	2	NA	SSC
SS067	World Regional Geography	2	0	2	NA	SSC
SS074	The History of China in Ancient Artifacts	2	0	2	NA	SSC
SS082	The City and Technology	2	0	2	NA	SSC
SS092	Foundation of Sustainable Development	2	0	2	NA	SSC
SS093	Environmental Policy and Governance	2	0	2	NA	SSC
SS096	Introduction to Frontiers in Social Sciences	2	0	2	NA	SSC

SS097	Selected Readings on Sociology	2	0	2	NA	SSC
SS120	Nazi Germany and the Holocaust: Trauma, Memory and History	2	0	2	NA	SSC
SS121	Introduction to East Asian Theater	2	0	2	NA	SSC
SS122	Sex, Sexuality and Gender Studies	2	0	2	NA	SSC
SS123	Cultural Values and Cultural Change: How Anthropologists Think	2	0	2	NA	SSC
SS124	World Prehistory	2	0	2	NA	SSC
SS125	"Classics" and Canonization: Topics on Medieval Chinese Literature	2	0	2	NA	SSC
SS126	An Introduction to the Origin of Civilizations around the World---a Comparative Perspective	2	0	2	NA	SSC

Notes:

1. The minimum requirement for this module is 4 credits.
2. This course list will extend with new courses developed.
3. The instruction languages of these courses are bilingual or English. Information about the available courses and the instruction language will be announced before the course selection session.

III. Music and Arts Module

Art courses cultivate students' abilities in the following aspects: 1) Cultural understanding, aesthetic perception, artistic expression, creative practice and other core literacy; 2) performance learning and artistic expression in music, drama, fine arts, dance and other arts; 3) inductive analysis of traditional culture and modern classic works of art. Students should take art courses with no less than 2 credits and obtain credits to meet the graduation requirements.

Table 9 GE Electives: Music and Arts Module

Course Code	Course Name	Credits	Practicum Credits	Hours/Week	Prerequisite	Dept.
DHSS001	Dalcroze Eurhythmics	1	1	8	N/A	AC
DHSS002	Improvisation/EMP	1	1	8	N/A	AC
GEM008	Music Theory and Solfeggio	2	0	2	N/A	AC
GEM009	Teach You to Sing	2	0	2	N/A	AC
GEM013	Popular Music Appreciation and Performance	2	0	2	N/A	AC
GEM022	Art of elocution	2	0	2	N/A	AC
GEM024	Western Music History	2	0	2	N/A	AC
GEM026	Appreciation of art	2	0	2	N/A	AC
GEM029	Forum of Art and Science	2	0	2	N/A	AC
GEM030	Artistic Practice I	2	2	2	N/A	AC
GEM031	Artistic Practice II	2	2	2	Artistic Practice I	AC
GEM032	Vocal Texture and Application	2	0	2	N/A	AC
GEM033	Chinese Regional Folk Songs	2	0	2	N/A	AC
GEM034	Aesthetics of Chinese Opera	2	0	2	N/A	AC
GEM035	Software Application and Creation of Cubase	2	0	2	N/A	AC
GEM036	Flower-Bird Fine Brushwork	2	0	2	N/A	AC
GEM037	Piano Performance Art in Recording	2	0	2	N/A	AC
GEM038	The Study of Courtyard Gongbi Bird-and-Flower Painting in Song Dynasty	2	0	2	N/A	AC
GEM039	Yongle Palace Murals and Traditional Painting Color	2	0	2	N/A	AC
GEM040	Chinese Traditional Line Drawing	2	0	2	N/A	AC

GEM041	Appreciation of Russian Music	2	0	2	N/A	AC
GEM043	Introduction to the Western Drama Reading and Performance	2	0	2	N/A	AC
GEM044	History of Chinese Art	2	0	2	N/A	AC
GEM045	Art Design and Science and Technology Culture	2	0	2	N/A	AC
GEM046	Appreciation of Architectural Aesthetics	2	0	2	N/A	AC
GEM047	Appreciation and Analysis on Conventional Theatre	2	0	2	N/A	AC
GEM048	Appreciation and Analysis on Art Performance	2	0	2	N/A	AC
GEM049	Introduction to Arts Management	2	0	2	N/A	AC
GEM050	Acting and Directing Basics	2	0	2	N/A	AC
GEM051	Appreciation of the Chinese Vocal Music Works	2	0	2	N/A	AC
GEM052	Film Analyzing For Creative Writing	2	0	2	N/A	AC
GEM053	Appreciation and Analysis of Foreign Music-German and Austrian Music	2	0	2	N/A	AC
GEM054	Vocal Singing Art in Recording	2	0	2	N/A	AC
GEM055	History of Chinese Music	2	0	2	N/A	AC
GEM056	Introduction to Art	2	0	2	N/A	AC
GEM057	History of Design Art	2	0	2	N/A	AC
GEM058	Appreciation of Red Classic Music -Pop Singing and Skills	1	0	4	N/A	AC

Notes:

1. The minimum requirement for this module is 2 credits.
2. This course list will extend with new courses developed.
3. The instruction languages of these courses are bilingual or English. Information about the available courses and the instruction language will be announced before the course selection session.

Curriculum by Programs

SUSTech Undergraduate Programs

Dept.	Program	Degree	Program Code
Department of Mathematics	Financial Mathematics*	BEc	020305T
	Mathematics and Applied Mathematics	Bsc	070101
Department of Physics	Physics	Bsc	070201
	Applied Physics	Bsc	070202
Department of Chemistry	Chemistry*	Bsc	070301
Department of Earth and Space Sciences	Geophysics*	Bsc	070801
Department of Statistics and Data Science	Statistics	Bsc	071201
	Data Science and Big Data Technology*	Bsc	080910T
Department of Electrical and Electronic Engineering	Optoelectronic Information Science and Engineering	BEng	080705
	Communication Engineering	BEng	080703
	Information Engineering	BEng	080706
Department of Materials Science and Engineering	Materials Science and Engineering	BEng	080401
School of Environmental Science and Engineering	Environmental Science and Engineering	BEng	082501
	Hydrology and Water Resources Engineering	BEng	081102
Department of Ocean Science and Engineering	Oceanography	Bsc	070701
	Offshore Engineering and Technology*	BEng	081902T
Department of Mechanical and Energy Engineering	Mechanical Engineering	BEng	080201
	Robotics Engineering	BEng	080803T
Department of Mechanics and Aerospace Engineering	Theoretical and Applied Mechanics	Bsc	080101
	Aerospace Engineering	BEng	082001
Department of Computer Science and Engineering	Computer Science and Technology	BEng	080901
	Intelligence Science and Technology	BEng	080907T
Department of Biomedical Engineering	Biomedical Engineering	BEng	082601
	Intelligent Medical Engineering	BEng	101011T
School of Microelectronics	Microelectronics Science and Engineering	BEng	080704
School of System Design and Intelligent Manufacturing	Industrial Design*	BEng	080205
School of Medicine	Biomedical Science*	Bsc	100103T
	Clinical Medicine*	Bachelor of Medicine	100210K

Department of Finance	Finance*	BEc	020301K
	Financial Engineering*	BEc	020302
Division of Information Systems & Management Engineering	Big Data Management and Applications	BBA	102108T
School of Design	Industrial Design	BEng	080205
Department of Biology	Bioinformatics	Bsc	071003
	Biological Sciences	Bsc	071001

(Note: * for domestic students only)