UNDERGRADUATE TRANSCRIPT

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COLLEGE School of Physics and Astronomy	**MAJOR** Physics(Zhiyuan Honors Program)	**MINOR** Computer Science and Technology

ACADEMIC YEAR:2021-2022

CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE	CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE
CHN1350	Academic Writing and Ethics	2.0	A-	1	major	HI946	Western Civilization and History	2.0	A-	2	major
FL4201	College English IV	3.0	A	1	major	KE1202	Physical Education II	1.0	A+	2	major
KE1201	Physical Education I	1.0	A-	1	major	MARX1202	Modern Chinese History	3.0	A+	2	major
MARX1205	Circumstance and Policy	0.5	A	1	major	MARX1205	Circumstance and Policy	0.5	A	2	major
MARX1208	Ideology and Morality and Rule of Law	3.0	A-	1	major	MARX1206	Social Cognitive Practice in the New Era	2.0	P	2	major
MATH1205H	Linear Algebra(H)	5.0	A-	1	major	MATH1608H	Mathematical Analysis (H) II	4.0	A	2	major
MATH1607H	Mathematical Analysis (H) I	6.0	A+	1	major	MATH1802	Numerical Analysis and Scientific Computing	3.0	A	2	major
MIL1202	Military Training	2.0	P	1	major	MIL1201	Military Theory	2.0	A	2	major
PHY1402	Introduction to Physics Laboratory	2.0	A-	1	major	PHY1404	Physics Laboratory I	2.0	B+	2	major
PHY1621	Mechanics	3.0	A+	1	major	PHY1623	Electromagnetism	3.0	A+	2	major
PHY1622	Thermal Physics	2.0	A+	1	major	PHY1624	Optics	2.0	A	2	major
PHY1900	Physics Seminar	2.0	B+	1	major	PHY1950	Introduction to Physics Research	2.0	A+	2	major
PSY1201	University Student's Mental Health	1.0	A+	1	major	CHN1352	Advanced Academic Writing	2.0	A+	3	major
CS1955	Introduction to Computer Science	3.0	A	2	major	PHY1625	Atomic Physics	2.0	A	3	major
FL5201	College English V	3.0	A-	2	major	PHY1750	Application of Simulation Software	2.0	A	3	major

ACADEMIC YEAR:2022-2023

CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE	CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE
KE2201	Physical Education III	1.0	A+	1	major	KE2202	Physical Education IV	1.0	A	2	major
MARX1203	Introduction to Mao Zedong's Thoughts and Theoretical System of Socialism with Chinese Characteristics	3.0	A	1	major	LA939	Law and Society in the Social Theory	2.0	A	2	major
						MARX1204	Basic Theory of Marxism	3.0	A	2	major
MARX1205	Circumstance and Policy	0.5	B+	1	major	MARX1205	Circumstance and Policy	0.5	A-	2	major
PHY2402	Physics Laboratory II	3.0	A-	1	major	PHY2404	Physics Laboratory III	3.0	A-	2	major
PHY2501	Equations of Mathematical Physics	4.0	A	1	major	PHY2506	Introduction to Computational Physics	3.0	A+	2	major
PHY2508	Functions of a complex variable	2.0	A-	1	major	PHY2608	Electrodynamics	4.0	A	2	major
						PHY2612	Quantum Mechanics I	4.0	A	2	major
PHY2510	Probability and Statistics	2.0	A	1	major	PHY2904	Physics Research Practice II	1.0	A+	2	major
PHY2601	Analytical Mechanics	4.0	A	1	major	HI944	Invention and Evolution of Modern Science: From Ancient Greeks to Albert Einstein and beyond	2.0	A	3	major
PHY2902	Physics Research Practice I	1.0	A	1	major						
AST1601	Modern Astronomy	3	A+	2	major	PHY2613	Non-linear optics : from theory to applications	1.0	A+	3	major
AST4753	Introduction to Cosmology	3	A+	2	major						

ACADEMIC YEAR:2023-2024

CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE	CODE	COURSES	CREDIT	GRAD ECODE	SEMESTER	TYPE
AST2601	Introduction to Astrophysics	3	A	1	major	PHY3702	Quantum Mechanics II	4.0	A+	1	major
MU901	Symphonic Music Appreciation	2.0	A	1	major	PHY3703	Advanced professional research and study seminar	3.0	A	1	major
PHY2604	Thermodynamics and Statistical Physics	4.0	A+	1	major	PHY3766	Advanced Topics in Theoretical Physics	1.0	P	1	major
PHY3652	Fluid Mechanics	3	W	1	major	PHY3902	Physics Research Practice III	1.0	A+	1	major

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Registration & Students'Affairs Center

Shanghai Jiao Tong University

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