

Shanghai Jiao Tong University (SJTU) Online Courses

No.	Department	Course Code	Course Syllabus	Course Prerequisites	SJTU Credits	Instructor	Link to Instructor Profile	Language (English/Chinese)	Targeted Level of Students	Course Time (Being Time GMT+8)	No. of Contact Hour (hrs)	Assessment Format	Course Prerequisites
1	School of Physics and Astronomy	PHY2505-2	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Basic Linux usage, PC	3	Yue Meng	https://www.physics.sjtu.edu.cn/en/1/people/yuemeng	English	Undergraduate	14 Feb 2022 to 1 Jun 2022 Mondays 8:00 a.m.-9:40 a.m. (Bi-weekly) from Week 2-16 + Wednesdays 10:00 a.m.-11:40 a.m. from Week 1-16	48	1. Assignment: 7 sets of homework (30%) 2. Mid-term exam: 30% 3. Final exam: 40% Bonus: extra project (20%), up to 100% for your total score	Basic Linux usage, PC
2	School of Materials Science and Engineering	MSE2602-1	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Sophomore with major in Materials Science	2	Huanan Duan, Chuanliang Feng	https://en.smse.sjtu.edu.cn/people/detail.aspx?id=196&cid=72057594037927936	English	Undergraduate	15 Feb 2022 to 31 May 2022 Tuesdays, 8:00 a.m.-10:00 a.m. Week 1-16	32	1. HW 15% 2. Quiz 15% 3. Class participation 10% 4. Midterm 10% 5. Final exam 50%	Sophomore with major in Materials Science
3	UM-SJTU Joint Institute	VE281	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Introduction to programming+Discrete Math/Computer Science/Junior	4	Hongyi Xin	https://www.ji.sjtu.edu.cn/about/faculty-staff/faculty-directory/faculty-detail/2339/	English	Undergraduate	9 May 2022 to 5 Aug 2022 TBD	62	1. Participation: 5% 2. In-class quizzes/Written assignments: 20% 3. Programming assignments: 30% 4. Midterm Exam: 20% 5. Final Exam: 25%	Introduction to programming+Discrete Math/Computer Science/Junior
4	UM-SJTU Joint Institute	VE427	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Junior or senior students	4	Xuyang Lu	< https://sites.ji.sjtu.edu.cn/xuyang-lu/ > < https://www.ji.sjtu.edu.cn/en/about/faculty-staff/faculty-directory/faculty-detail/18750/ >	English	Undergraduate	9 May 2022 to 5 Aug 2022 TBD	58	1. Assignments: 40% 2. Midterm:15% 3. Final: 15% 4. Final project:30%	Junior or senior students
5	Antai College of Economics and Management	ECON3513	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	3-4 year Students major in economics, finance, management. Students in other majors with solid background in mathematics, basic economics can apply with consent of lecture.	2	Nan Li	< https://www.acem.sjtu.edu.cn/en/faculty/linan.html > < www.nanlifinance.org >	English	Undergraduate	17 Feb 2022 to 2 Jun 2022 Thursdays 18:00 p.m.- 20:40 p.m. Week 1-16	32	1. Final Exam : 40% 2. Class Assignments : 30% 3. Presentation and Term Paper : 20% 4. Class Participation : 10%	3-4 year Students major in economics, finance, management. Students in other majors with solid background in mathematics, basic economics can apply with consent of lecture.
6	Student Innovation Center	AI010	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Students majoring in computer, artificial intelligence, information and other related majors.Prerequisite courses include Python, artificial intelligence, machine learning and other professional basic courses.	1	Haocong Wang (Experts from Huawei Co.,Ltd)	https://sjtueducn-my.sharepoint.com/:b:/g/personal/nalita0504_sjtu.edu.cn/E/FEBFpWVVPq3LSJUBLGngBa-LKpJpax3C796JOR6vD-g?e=4JMMz	English	Undergraduate	23 Mar 2022 to 13 Apr 2022 Wednesdays 14:00 p.m.-18:00 p.m. Week 6-9	16	TBD	Students majoring in computer, artificial intelligence, information and other related majors.Prerequisite courses include Python, artificial intelligence, machine learning and other professional basic courses.
7	School of mechanical engineering	PO6011	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Heat transfer, fluid dynamics, advanced mathematics ;Open to students in all engineering majors	3	Po Hu	https://me.sjtu.edu.cn/en/FullTimeTeacher/hupo.html	English	Undergraduate	18 Feb 2022 to 3 Jun 2022 Fridays,12:55 p.m.-15:40 p.m. Week 1-16	48	1. Class Attendance:10% 2. Individual Assignment:15% 3. Final Project:60% 4. Presentation:15%	Heat transfer, fluid dynamics, advanced mathematics ;Open to students in all engineering majors
8	UM-SJTU Joint Institute	Vv557	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Students must have previously taken courses on multivariable calculus, linear algebra and ordinary differential equations. Previous knowledge of partial differential equations is desirable but not necessary. The course is aimed at advanced undergraduate students as well as postgraduate students	3	Horst Hohberger	https://www.ji.sjtu.edu.cn/en/about/faculty-staff/faculty-directory/faculty-detail/91/	English	postgraduate	14 Feb 2022 to 20 Apr 2022 Mondays: 12:55 p.m.-15:30 p.m. Wednesdays: 12:10 p.m.-13:50 p.m. Week 1-10	48	1. Midterm Exam: 50% 2. Final Exam: 50%	Students must have previously taken courses on multivariable calculus, linear algebra and ordinary differential equations. Previous knowledge of partial differential equations is desirable but not necessary. The course is aimed at advanced undergraduate students as well as postgraduate students
9	College of Agriculture and Biology	FOST8011	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Food Microbiology,Food Chemistry	2	Chunlei Shi,Weiyang Lu	http://www.agri.sjtu.edu.cn/En/Data/View/3765 > < http://www.agri.sjtu.edu.cn/En/Data/View/3853 >	English	postgraduate	17 Feb 2022 to 28 Apr 2022 Thursdays, 18:00 p.m.-20:20 p.m. Week 1-11	32	1. Write a literature review of no less than 5000 characters in English on interested topics:50% 2. Speech and discussion:40% 3. Class performance:10%	Food Microbiology, Food Chemistry
10	School of Life Sciences and Biotechnology	GE7001-080-M03	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	No restrictions. The course might be equally useful for undergraduates.	2	Ilya A. Vinnikov	https://life.sjtu.edu.cn/teacher/En/Ilya	English	postgraduate	16 Feb 2022 to 1 June 2022 Wednesdays, 10:00 a.m.-11:40 a.m. Week 1-16	32	1. In class work: 10% 2. Abstract writing: 10% 3. Abstract revisions: 10% 4. Quizzes: 10% 5. Poster drafting: 10% 6. Poster revisions:10% 7. Poster presentation: 30% 8. Attendance: 10%	No restrictions. The course might be equally useful for undergraduates.
11	Koguan School of Law	LAW6724	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	No restrictions. The course might be equally useful for undergraduates.	1	Dan Liu	http://en.law.sjtu.edu.cn/FD/3183.html	English	postgraduate	15 Feb 2022 to 22 March 2022 Tuesdays, 18:00 p.m.-20:20 p.m. Week 1-6	16	TBD	No restrictions. The course might be equally useful for undergraduates.
12	Koguan School of Law	LAW6459	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	No restrictions	2	Wei Shen	http://en.law.sjtu.edu.cn/FD/3179.html	English	postgraduate	17 Feb 2022 to 28 Apr 2022 Thursdays, 18:00 p.m.-20:20 p.m. Week 1-11	32	100% assessment – close book exam OR essay	No restrictions
13	School of International & Public Affairs	PUM8303	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	No restrictions	3	Fan Yang	https://en.sipa.sjtu.edu.cn/En/Show/123	English	postgraduate	17 Feb 2022 to 2 June 2022 Thursdays, 18:00 p.m.-20:20 p.m. Week 1-16	48	1. Class Participation:10% 2. In-class performance:30%.Pre, Pre Assessment, Discussion participation 3. Essay: 60%	No restrictions
14	UM-SJTU Joint Institute	ECE4710J	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	Introduction to programming+Discrete Math/Computer Science/Junior	4	Ailin Zhang	https://www.ji.sjtu.edu.cn/about/faculty-staff/faculty-directory/faculty-detail/33871/	English	postgraduate	9 May 2022 to 5 Aug 2022 TBD	64	1. Homework (5-7 submissions):30% 2. Project:20% 3. Midterm:20% 4. Final:30% 5. Extra Credit:3%	No restrictions
15	School of Materials Science and Engineering	MSE2606	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	For students majored in materials science & engineering, mechanical engineering, physics and etc. Prerequisites include calculus and college physics.	3	Prof. Kolan M. Reddy/Prof. Guo Qiang	https://en.smse.sjtu.edu.cn/people/detail.aspx?id=177&cid=72057594037927936	English	undergraduate	14 Feb 2022 to 5 May 2022 Mondays 8:00 a.m.-9:40 a.m.+ Thursdays 10:00 a.m.-11:40 a.m. Week 1-12	48	1. Class participation: 10% 2. In-class quizzes and homework : 20% 3. Exams (closed book): 70%, where the mid-term exam comprises20%, and the final exam 50%	For students majored in materials science & engineering, mechanical engineering, physics and etc. Prerequisites include calculus and college physics.
16	School of Humanities	CHN0902-1	https://drive.google.com/drive/folders/1Ag9raDUJ3Pte7g1evthEcil_vNw9Kok?usp=sharing	This is a beginners' course. If you have learned Mandarin Chinese before, please contact the instructor (wjchs@sjtu.edu.cn) for suggestion.	4	Jun Wang	https://shss.sjtu.edu.cn/En/FacultyDetail/69?l=1&t=4	English	undergraduate	14 Feb 2022 to 3 Jun 2022 Mondays 16:00 p.m.-17:40 p.m. & Fridays 16:00 p.m.-17:40 p.m. Week 1-16	64	1. Homeworks:30% 2. Mid-term:30% 3. Final Exam:40%	This is a beginners' course. If you have learned Mandarin Chinese before, please contact the instructor (wjchs@sjtu.edu.cn) for suggestion.

17	School of Humanities	CL025	https://drive.google.com/drive/folders/1Ag9raDUJ3Ptc_e7g1evthEciL_yNw9Kok?usp=sharing	No restrictions	2	Zhaoyang Zhang	https://shss.sjtu.edu.cn/En/FacultyDetail/108	English	undergraduate	15 Feb 2022 to 31 May 2022 Tuesdays, 16:00 p.m.-17:40 p.m. Week 1-16	32	1. Classroom performance:30% 2. Final exam:70%	No restrictions
18	School of Mathematical Sciences	MA418	https://drive.google.com/drive/folders/1Ag9raDUJ3Ptc_e7g1evthEciL_yNw9Kok?usp=sharing	Advanced undergraduate mathematical analysis Familiarity with calculus on manifolds is helpful but not essential	3	Tudor Stefan Ratiu	https://www.math.sjtu.edu.cn/Default/teachershow/1agsMDAwMDAwMDAwMLKift4	English	undergraduate	14 Feb 2022 to 30 May 2022 Mondays 8:00 a.m.- 10:45 a.m. Week 1-16	48	Essay	Advanced undergraduate mathematical analysis Familiarity with calculus on manifolds is helpful but not essential