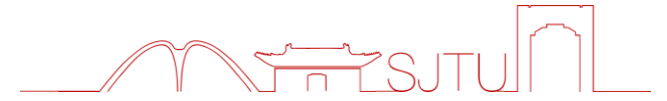




上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY



# **“Jiao Tong Global Virtual Classroom” Initiative Spring 2022**

**International Affairs Division  
Shanghai Jiao Tong University**

October, 2021

—— 饮水思源 · 爱国荣校 ——

**1**

**General Introduction**

**2**

**Practice: Jiao ◦ Tong GVC**

**3**

**Call for Spring 2022**

## Background

**COVID-19:**

**Physical Mobility** ✗

**Post-pandemic Era:**

**Mind Mobility** ✓

**Industrial Age**



**Information Age**

**Online Education Plays An Increasing Important Role**



**Pilot**



**APRU-VSE**



**APRU**



### Shanghai Jiao Tong University

Shanghai, China

**First day of classes: From February 22, 2021**

CL025	Two Thousand Years of Sino-foreign Cultural Exchanges
CL-036	Elementary Chinese 1
EV352	Ecological Engineering
MA418	Lie Groups and Lie Algebras
MT207	Fundamentals of Materials Science
PE002C06	简化太极拳 (Simplified Taijiquan)

APRU-VSE SJTU Page:

<https://vse.apru.org/shanghaijiao-tong-university-202101/>

### Spring 2021

Institutions	# Students
The Chinese University of Hong Kong	7
Nanyang Technological University	1
Hong Kong University of Science and Technology	1
Chulalongkorn University	1
Universidad San Francisco de Quito	1
<b>Total: 11 Students in 4 Courses</b>	

Pilot



## U21 “Global Classroom & SDGs”



U21 GLOBAL EDUCATION FUND



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY



Tecnológico  
de Monterrey



Spring 2021

Institutions	Courses	Primary SDGs	# Students
UC Davis	Plant Biochemistry	Good Health and Well-Being	58
SJTU	Traditional Medicine		27

### What's Next?

- 2021 International Virtual Exchange Conference (IVEC)
- Toolkit
- More collaborations



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY

**Jiao O Tong** **2021**  
**Global Virtual Classroom**

- ✓ Both internationalization of higher education and “go digital” are **inevitable trend**
- ✓ “Jiao o Tong GVC” committed to brain ‘gain’ and capacity building, global competence strengthening **in a long run**



## Faculty

- collaborate with peers at universities around the world
- co-create collaborative online international learning courses



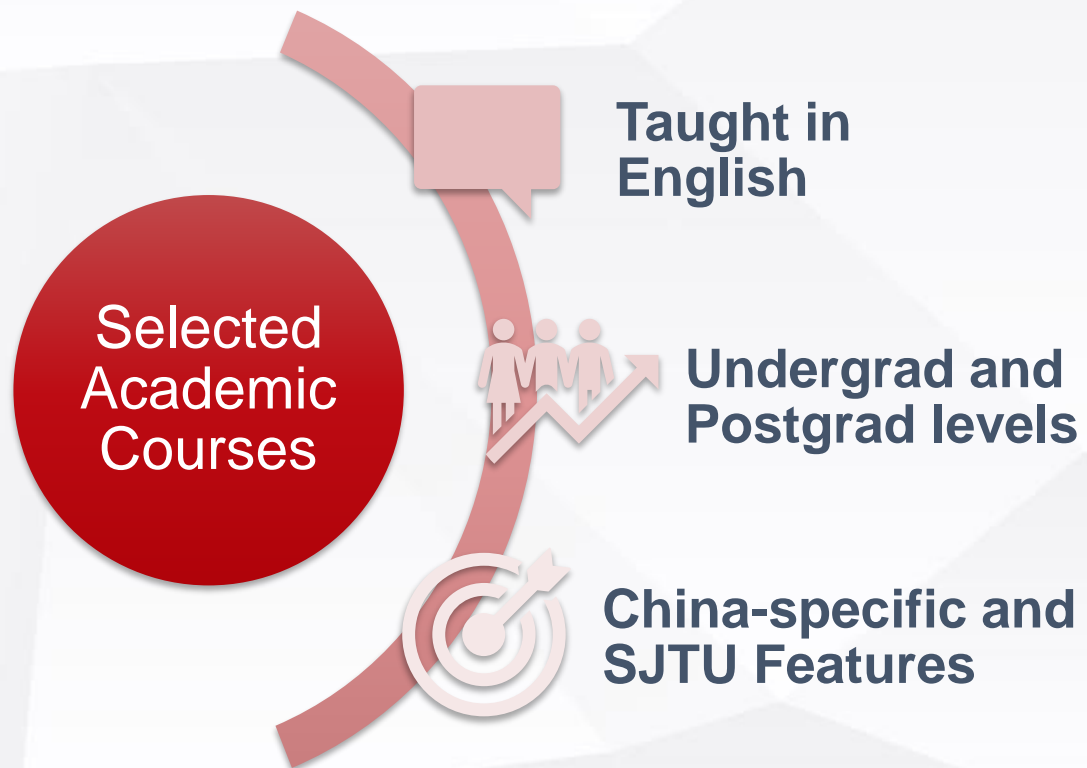
## Students

- gain global perspectives
- deepen their understanding of the subject matter and cross-culture



**Approach**

**Selection of Courses**



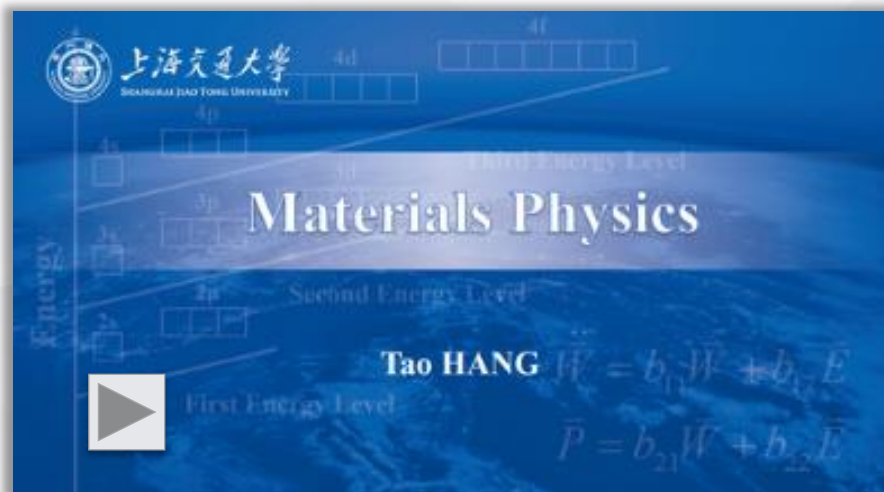
Approach

Website for the platform

## Website built for Jiao Tong GVC

- Introduction( incl. video)
- Syllabus
- Pre-req.

### ❖ Sample Introduction video



A screenshot of the 'Global Virtual Classroom' website. The header includes the Shanghai Jiao Tong University logo and navigation links: HOME, ABOUT US, NEWS&amp;EVENTS, ENGAGEMENT, TRAINING, STUDY OVERSEAS, and STUDY@SJTU. The main banner features the text 'Global Virtual Classroom' and an illustration of people interacting with a large screen. Below the banner, there's an 'Introduction' section and a 'Courses Details' section. The 'Courses Details' section displays a grid of course cards, each with a thumbnail image, course title, school, and credits. The courses listed are: AE8104 Finite Element Analysis of Composites, GE6001 Scientific Writing, Integrity and Ethics, MSE2605 Fundamentals of Materials Science Part I, MT319 Materials Physics, ICE6202 Digital Image Processing, BIO8101 Application of Viral Techniques and Introduction to Molecular Virology, MATH9111 Basic Geometric Mechanics, and SP166 Ocean Science.



**Approach**



**GVC Classroom**

Upgrade existing  
**smart classroom** into  
**GVC Classroom**



Front Side



Back Side

**Engage both on-line &  
off-line students together  
into a same classroom**

## Collaboration Models



### Shared Courses

**SJTU classroom**

+

**Overseas students**

Model A: Synchronous Teaching

Model B: Asynchronous + Tutorial

.....

\*Course credits can be mutually recognized.



### Co-built Courses

**Faculty peers around the world**

+

**Domestic & Overseas students**

Model A: Synchronous Teaching

Model B: Problem Based Learning

.....

**1**

**General Introduction**

**2**

**Practice: Jiao ◦ Tong GVC**

**3**

**Call for Spring 2022**



# Jiao Tong Global Virtual Classroom

2021

////////

An Initiative in the Post-Pandemic era



国际合作与交流处  
International Affairs Division



## 10 Countries/Regions

- Asia: Japan / Singapore / Korea / Hong Kong, China / Taiwan, China
- Europe: UK / France / German
- America: USA / Chile

## 16 +1 Partner Universities

- 14 Overseas Uni. "Shared Courses"
- 2 APRU Chinese Uni. "Shared Courses"
- 1 Overseas Uni. "Co-built Courses"

## 91 Participants

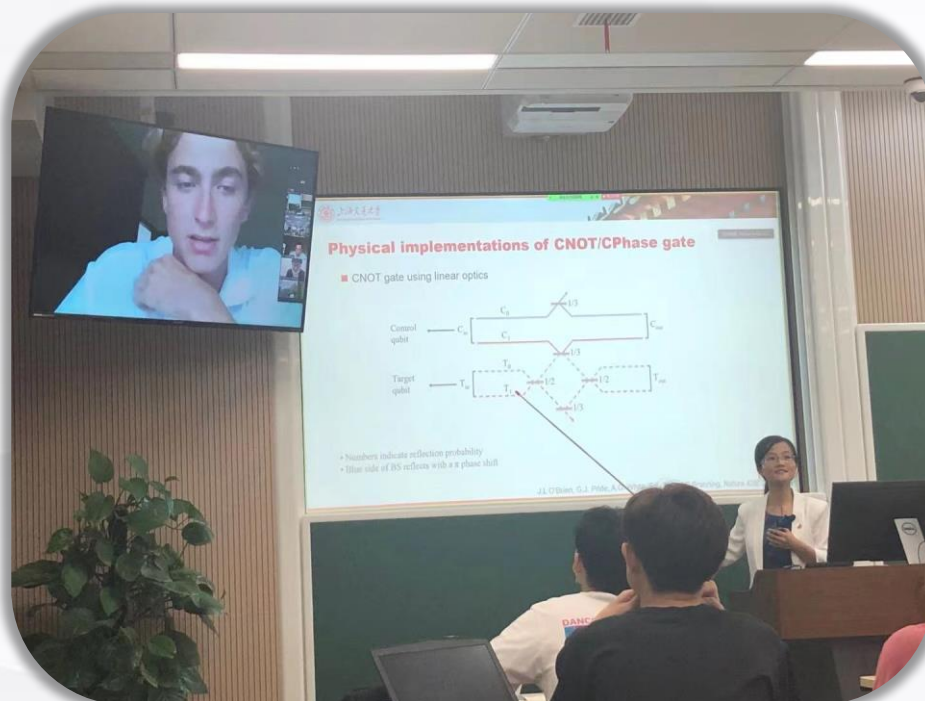
- 59 Overseas Students
- 27 Chinese Students
- 5 Auditors

## "Shared Courses"

**Course Example:**  
"Quantum Information Technologies  
and A Practical Module"

**Overseas Students**

5



## "Co-built Courses"

Course Name	School of SJTU	Partner University	Students
Internet and Society	USC-SJTU Institute of Culture and Creative Industry	University of Southern California, USA	USC:10 SJTU: 9





## Students' Feedback



慶應義塾  
Keio University

*"... I am **very happy to interact with both SJTU students and international online students** through the homework. I feel like I am studying in Shang Hai, now! "*

*"...Thanks so much for all the support throughout the process and **the amazing study experience I obtained virtually at SJTU.**"*



THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

**UCDAVIS**  
UNIVERSITY OF CALIFORNIA

*"... I can confidently say **this project was a joy. I didn't expect to become as close to my group members as I did, and we maintained a close communication** throughout the time together..."*

**1**

**General Introduction**

**2**

**Practice: Jiao ◦ Tong GVC**

**3**

**Call for Spring 2022**



## Matters Need Attention

### Call for Spring 2022

#### ☐ Selection of Courses

- Academic courses in all disciplines delivered in English
- Courses already offered at SJTU
- Suggested teaching time (GMT+8): early morning, afternoon or evening

#### ☐ Application Deadline: Monday, 15 November, 17:00 (GMT+8)

#### ☐ Time for Review: End of November, 2021

#### ☐ Quota:

- Shared Courses: ~20
- Co-built Courses: ~3





上海交通大學

SHANGHAI JIAO TONG UNIVERSITY

---

**Look forward to  
your participation!**

---

**Program Coordinator:**

Lina TAO 陶丽娜

[nalitao0504@sjtu.edu.cn](mailto:nalitao0504@sjtu.edu.cn)

Office of Global Partners & Relations

International Affairs Division

Shanghai Jiao Tong University (SJTU)

飲水思源 愛國榮校