

Sichuan University Curriculum Proposal
Rex Lam, Will Morejón, Sally Lin

Objective

We are writing to express our interest in teaching at Sichuan University this summer as part of the MIT Chinese Educational Technology Initiative (CETI) program. We share a common interest in learning more about Chinese culture and in educating and inspiring curious students. In addition, we believe that our diverse backgrounds and experience, ranging from economics to biological engineering, will enable us to provide a well-rounded curriculum in which students may both explore new subjects and further their understanding in their fields of interest. We also plan on supplementing our academic curriculum with lessons on American culture which aim to expose students to studying in a different culture.

Theme

The theme for the two-week program is teamwork and communication. We plan to incorporate many group activities where students may work with and learn from one another. We believe that working with others is a very important life skill and hope that students can benefit from these activities.

Timeline

- July 16 - July 27 (10 full class days)

Time	Class/Activity
10-11	Session 1
11-12	Session 2
12-1	Lunch
1-2	Culture
2-3	Session 3

Curriculum

- Math
 - Probability
 - Statistics
 - Logic
- Economics
 - Game Theory
 - Marketing
 - Macroeconomics
- Science
 - Anatomy
 - Neuroscience

- Biology
 - Introductory Biology (if needed)
 - Cell Biology
 - Genetics
 - Diseases/Cancer
- Engineering activities
 - Mechanical Stress (Bridge Building)
 - Stabilization & Impact (Egg Drop)
- Español
- Computer Programming--Python
- Final Project

Culture

- MIT
- American Education System
- Popular culture/media (books, movies, music)
- Colloquial Language (Slang)

Activity Plan

- Many Icebreakers
- Dance class
- PE Classes
- Field Trips

Logistics

- One teacher will be teaching during each time slot
- Computer labs will be needed for computer programming class
- Materials (basic) for Engineering activities