Situated in Guangzhou, the heartland of the dynamic Guangdong-Hong Kong-Macao Greater Bay area, South China University of Technology (SCUT) is a prestigious research university particularly renowned for its excellence in Engineering, selected into the national Double First-Class initiative along with 30 plus universities across China. The SCUT Guangzhou International Campus integrates advanced global educational philosophies and premier resources, equipped with modern and well-furnished rooms, advanced research equipment, and architecture incorporating both eastern and western styles.

**Domains**

You are free to choose one of the following three domains:
- Advanced Materials of Soft Matter and Biomedicine
- Artificial Intelligence and High-end Manufacture
- Chemistry and Chemical Engineering

**Contents**

- **Academic courses**: 1 credit hours for each course
- **Lectures**: from Oxford, MIT, Princeton etc.
- **Cultural courses**: including Chinese traditions, Lingnan (southern China) culture, the Greater Bay Area development, etc.
- **Enterprise visits**: including Bayer, SI, FEK, VPS, Guangzhou Automobile Group Company, etc.

**Application**

Applicants: Junior & senior undergraduates and graduates will be accepted with priority.

Website: https://scut.17gz.org/

Deadline: March 1st

**Fees**

Application and tuition fees waived, round airfare and local expenses self-covered (accommodation around 500-1000 RMB for each)

**Contact**

Cynthia Yi SUN, International Office

Phone: 86-20-87114526, 86-38-9893 9066

Email: glsunyi@scut.edu.cn

---

**Academic courses**

**Advanced Materials of Soft Matter and Biomedicine:**
- Tissue Engineering and Artificial Organ
- Advanced Materials in Biomedical Imaging and Diagnostics: Introduction, Principles and Applications
- Biomaterials
- Optics of Emergent Soft Matter
- Hybrid Techniques of Emergent Soft Matter
- Biomimics of Emergent Soft Matter

**Artificial Intelligence and High-end Manufacture:**
- Large Language Models and Prompt Engineering
- Soft Robotics
- Smart Factory
- 3D Vision Intelligence
- Metaverse Introduction and Practice
- Low Carbon Energy Intelligent Twin System

**Chemistry and Chemical Engineering:**
- Biomaterials
- Optics of Emergent Soft Matter
- Hybrid Techniques of Emergent Soft Matter
- Frontiers of Chemical Biology
- Molecular Magnets
- Metal Catalysis towards Functional Molecular Synthesis
### 2024 SCUT Global Engineering Summer Program Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 14 (Sun.)</td>
<td>AM</td>
<td>Opening &amp; Orientation</td>
</tr>
<tr>
<td>July 16 (Tue.)</td>
<td>PM</td>
<td>The beauty of mandarin (Greetings &amp; Chinese songs)</td>
</tr>
<tr>
<td>July 18 (Thu.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 19 (Fri.)</td>
<td>PM</td>
<td>The window of China’s economy – The Guangdong-Hong Kong-Macao Greater Bay Area</td>
</tr>
<tr>
<td>July 21 (Sun.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 22 (Mon.)</td>
<td>PM</td>
<td>Heritage for thousands of years - Chinese Kungfu</td>
</tr>
<tr>
<td>July 24 (Wed.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 26 (Fri.)</td>
<td>PM</td>
<td>Quality life: iFLYTEK &amp; VIPS visit</td>
</tr>
<tr>
<td>July 27 (Sat.)</td>
<td>AM</td>
<td>Opening &amp; Departure</td>
</tr>
</tbody>
</table>

**Rayvision:**
Founded by SCUT alumnus, Rayvision provides cloud rendering technology and pioneers in self-serving cloud rendering.

**iFLYTEK:**
A leading listed company in intelligent speech and artificial intelligence technology across Asia-Pacific region

**VIPS:**
A renowned e-commerce enterprise in China, popular for its online outlets business mode

**Guangzhou Automobile Group Company:**
A Fortune Global 500 state-owned enterprise

**Rayvision:**
Founded by SCUT alumnus, Rayvision provides cloud rendering technology and pioneers in self-serving cloud rendering.

**iFLYTEK:**
A leading listed company in intelligent speech and artificial intelligence technology across Asia-Pacific region

**VIPS:**
A renowned e-commerce enterprise in China, popular for its online outlets business mode

**Guangzhou Automobile Group Company:**
A Fortune Global 500 state-owned enterprise

SCUT GLOBAL ENGINEERING SUMMER PROGRAM

---

Rayvision:
Founded by SCUT alumnus, Rayvision provides cloud rendering technology and pioneers in self-serving cloud rendering.

iFLYTEK:
A leading listed company in intelligent speech and artificial intelligence technology across Asia-Pacific region

VIPS:
A renowned e-commerce enterprise in China, popular for its online outlets business mode

Guangzhou Automobile Group Company:
A Fortune Global 500 state-owned enterprise

---

2024 SCUT Global Engineering Summer Program Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 14 (Sun.)</td>
<td>AM</td>
<td>Opening &amp; Orientation</td>
</tr>
<tr>
<td>July 16 (Tue.)</td>
<td>PM</td>
<td>The beauty of mandarin (Greetings &amp; Chinese songs)</td>
</tr>
<tr>
<td>July 18 (Thu.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 19 (Fri.)</td>
<td>PM</td>
<td>The window of China’s economy – The Guangdong-Hong Kong-Macao Greater Bay Area</td>
</tr>
<tr>
<td>July 21 (Sun.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 22 (Mon.)</td>
<td>PM</td>
<td>Heritage for thousands of years - Chinese Kungfu</td>
</tr>
<tr>
<td>July 24 (Wed.)</td>
<td>AM</td>
<td>Academic course</td>
</tr>
<tr>
<td>July 26 (Fri.)</td>
<td>PM</td>
<td>Quality life: iFLYTEK &amp; VIPS visit</td>
</tr>
<tr>
<td>July 27 (Sat.)</td>
<td>AM</td>
<td>Opening &amp; Departure</td>
</tr>
</tbody>
</table>

**Rayvision:**
Founded by SCUT alumnus, Rayvision provides cloud rendering technology and pioneers in self-serving cloud rendering.

**iFLYTEK:**
A leading listed company in intelligent speech and artificial intelligence technology across Asia-Pacific region

**VIPS:**
A renowned e-commerce enterprise in China, popular for its online outlets business mode

**Guangzhou Automobile Group Company:**
A Fortune Global 500 state-owned enterprise

---

Rayvision:
Founded by SCUT alumnus, Rayvision provides cloud rendering technology and pioneers in self-serving cloud rendering.

**iFLYTEK:**
A leading listed company in intelligent speech and artificial intelligence technology across Asia-Pacific region

**VIPS:**
A renowned e-commerce enterprise in China, popular for its online outlets business mode

**Guangzhou Automobile Group Company:**
A Fortune Global 500 state-owned enterprise