

SCORE 2020

Science Camp of CORE of Stem in Japan

Observation, Data Analysis, and Visualization: How They Enable Environmental Risk Analysis

NWU CORE of STEM

(Collaborative Organization for Research in women's Education of Science, Technology, Engineering, and Mathematics)

International Summer Programme

27 August -
3 September 2020

Nara Women's
University, Japan

<http://www.nara-wu.ac.jp/core/global/index.html>



Looking for something different for summer 2020? Join us in SCORE, the annual Science Camp of CORE of STEM at Nara Women's University! This summer, the CORE of STEM, teamed up again with the Faculty of Science, offers a fantastic opportunity for students at our overseas partner universities to enjoy a unique experience of studying STEM subjects in the historical setting of Nara, the ancient capital of Japan. This year's focus is **Environmental Science**. Let's explore how better we can tackle environmental problems with the help of science and technology! Rest assured, if the subjects are not your field, that we will support you throughout the programme. Just bring your curiosity! If you are a history person, you will enjoy our field trip to UNESCO world heritage sites near our campus and a walk in the historic city of Kyoto with a PM 2.5 monitor in hand; they will offer you glimpses of Japan's cultural and historical riches with a scientific twist. Our two-day workshop will offer you privileged access to research facilities at the Research Institute for Humanities and Nature [RIHN], the specialist institution for integrated research in the field of global environmental studies, in Kyoto. You will also have a chance to try out the ultimate Japanese home cooking, Japanese curry, with fresh local vegetables! The programme will also give you a chance to learn about different cultures through contacts with other participants from different countries, including 12 NWU students.

A. Eligibility

We will accept FEMALE

undergraduate students at NWU's overseas partner universities.

B. Credits

NWU will issue 2 credits upon students' successful completion of the programme.

C. The Number of Places Available

We will accept 12 students from our overseas partner universities.

D. Costs

We will charge no tuition or accommodation fees. Students, however, are required to arrange their own visa to enter Japan, overseas travel and medical insurance, transport to and from Nara, and their day-to-day expenses. **We will also offer travel grants to everyone who applies for one.** We will pay towards the half of your airfare (with the maximum of 70,000 JPY). Please note that you can stay in Japan only for the duration of the programme plus extra 4 days afterwards if you decide to receive this grant.

E. Accommodation

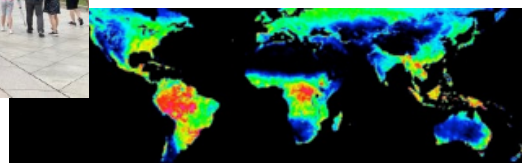
You will stay in a dorm room or a family room in a hostel near the university. All these rooms are booked out for our programme, and you will not share the rooms with other guests.

F. How to Apply

All applications must be made through universities, NOT by individual students. Fill out your application form (available at our website) and submit it to a contact person at your university, with a proof of your student status, such as an enrolment certificate issued by your university (Note: You have to be an enrolled student at the time of the programme). The application deadline is **Friday, 3 April 2020**.



PROGRAMME SCHEDULE



DATE	MORNING	AFTERNOON	EVENING
WED, 26 AUG	Arrival		
THU, 27 AUG	Induction		Welcome Party
FRI, 28 AUG	Workshop 1: Environmental Data Analysis and Environmental Debate Game	Excursion to the World Heritage Complex in Nara	
SAT, 29 AUG	Two-Day Workshop at the Research Institute for Humanities and Nature (RIHN), Kyoto: Challenge Global Environmental Problems		Japanese Curry Party: Savour Local Organic Vegetables
SUN, 30 AUG	Fieldwork: Scientists Meet Historic Kyoto		
MON, 31 AUG	Workshop 2: Human Impact on Biogeochemical Cycles	Workshop 3: Satellite Data Analysis for Environmental Monitoring	Self-Study
TUE, 1 SEP	Workshop 4: Aerosol Observation and Data Analysis		Self-Study
WED, 2 SEP	One-Day Break		
THU, 3 SEP	Preparation for Presentation	Final Presentation	Farewell Party
FRI, 4 SEP	Departure		

*Please note that the programme is subject to changes.

Location of Nara

- About 1 hour journey by train to **Kyoto** and **Osaka**
- 3 to 4 hours by bullet train to **Tokyo**



For enquiries, please contact:

CORE of STEM
 Nara Women's University
 Kitauoya Higashi-machi
 Nara, 630-8506
 Japan

Phone: +81 (0)742 20 3266
 Email: coreofstem@cc.nara-wu.ac.jp