

SCORE 2017

SCIENCE CAMP OF CORE OF STEM IN JAPAN

APPLICATION DEADLINE EXTENDED

INVISIBLE



How to Make Sense of the Universe with Origami and a Pendulum

NWU CORE of STEM International Summer Programme

17-26 August
2017

Nara Women's
University, Japan

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

Looking for something different for summer 2017? Join us in SCORE, the Science Camp of CORE of STEM at Nara Women's University! This summer, the CORE of STEM (Collaborative Organization for Research in women's Education of Science, Technology, Engineering, and Mathematics), teamed up with our Faculties, 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, we are focusing on mathematics and physics. Rest assured, if these are not your field, that we will support you through the programme. Just bring your curiosity! Students will spend 8 days with 12 home students at NWU, going on fieldwork to nearby world heritage sites and participating in science workshops. The programme will also give you a chance to learn about different cultures through contacts with other participants from different countries.

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 for 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 if you decide to receive this grant.

E. Accommodation

You will stay in a guest house near the university. Please note that meals are not included.

F. How to Apply

All applications must be made through universities, NOT by individual students. A person in charge at each university is required to fill out a collective application form and send it to coreofstem@cc.nara-wu.ac.jp by Friday, 19 May, 2017.



PROGRAMME SCHEDULE



DATE	MORNING	AFTERNOON	EVENING
THU, 17 AUGUST	Arrival		
FRI, 18 AUGUST	Induction	Lecture: "On Nara"	Welcome Party
SAT, 19 AUGUST	Excursion to the World Heritage Complex in Nara		
SUN, 20 AUGUST	Overnight Trip to Nishi-Harima Astronomical Observatory with Traditional Manual Papermaking Workshop on the way		
MON, 21 AUGUST	Corporate Visit to SPring8 with visits to temples with <i>Sangaku</i> on the way back to Nara		
TUE, 22 AUGUST	Maths Workshop: "The Geometry of a Paper Crane"	Nutritional Science Workshop: "Eat Nara"	
WED, 23 AUGUST	Physics Lecture 1: "The Review of Equations of Motion"	Physics Experiment 1: "Capture and Analyse the motion of a ball and a bucket of water"	
THU, 24 AUGUST	Physics Lecture 2: "What is the Oscillation, and how does it occur?: Dynamics of the Pendulum"	Physics Experiment 2: "Gravitational Acceleration Measurement by a Pendulum"	
FRI, 25 AUGUST	Preparation for Presentation	Final Presentation	Farewell Party
SAT, 26 AUGUST	Departure		

Location of Nara

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



More details will be updated at:

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

For enquiries, please contact:

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