









**International Education Next for Japan: Digital Transformation and Blended Mobility** 

Keiko Ikeda Kansai University, Japan

Alexander Bennet Kansai University, Japan

Toshihiro Sawayama Kansai University, Japan

Chair

Keiko Ikeda

Kansai University, Japan



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### International Education Next for Japan: **Digital Transformation and Blended Mobility**

Thursday, March 7, 2024

Keiko IKEDA, Alex BENNETT, Toshihiro SAWAYAMA **Kansai University** 













# What would AC (After Covid) Japanese HEI look like? Where is Japan going?





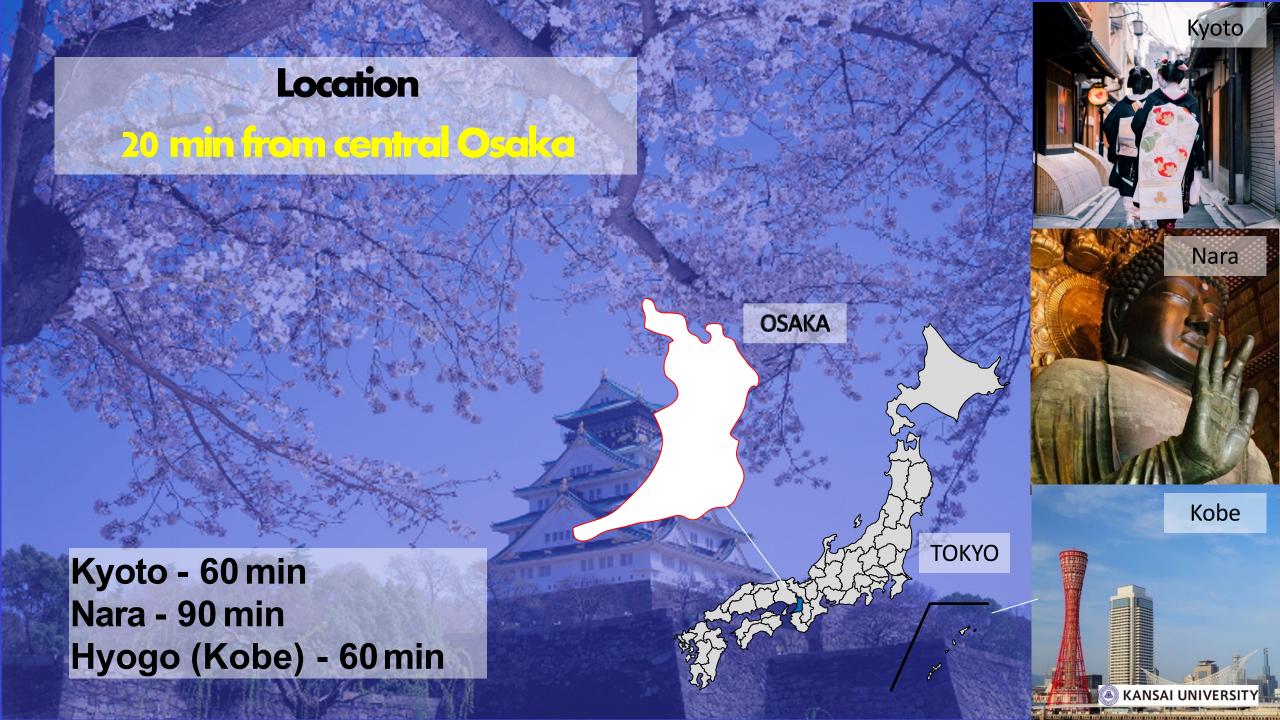
Can Japan HEIs effectively generate a new ecosystem of teaching, learning, and researching and social engagement, by taking what we have learnt from the pandemic impact?















## Faculties/Graduate Schools

13 faculties

Law

Letters

**Economics** 

**Business & Commerce** 

Sociology

**Policy Studies** 

Foreign Language Studies

**Health and Well-being** 

Informatics

**Societal Safety Sciences** 

**Engineering Science** 

**Environmental and Urban Engineering** 

Chemistry, Materials and Bioengineering



To examinees

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### Multi-angular / Multidiscipline / Multi-layered Penetrating Societal Safety Sciences





Unlike earthquakes, for water disasters like tsunami, storm surges, and floods, there are certain indicators.



nk that water disasters are a type of disaster whose damage can be reduced by using our knowledge.



### **Prof. Tomoyuki Takahashi** *Faculty of Societal Safety Sciences*

Research area:

Prevention and management of hydro-disasters like tsunamis, storm surges, and floods





### STUDENT SUPPORT

Grant-type scholarships

Support for job-hunting activities in Japan

International Student Support
Organization

- KU Bridge
- -International Student Association

Japanese Language Support program

Level: Beginner to Advanced

Program: Academic writing/Conversation

Type: Seminar/Individual support

A great variety of dormitory rooms for international students

**KANSAI UNIVERSIT** 

### Dormitories

https://www.kansai-u.ac.jp/Kokusai/Dormitory/en/

Creating a place where international students and local students can interact will foster global awareness.

### Kansai University Operated Dormitories



Student House Shurei-ryo

Male-only dormitory



Dormitory Tsukigaoka

Female-only dormitory



Minami-Senri international Plaza

International Students Dormitory



International Dormitory

Affiliated
International



**KU I-House** 

Male and female sharing dorms



# Research Branding Projects

KU - ORCAS

- -Founded by the Japanese government from 2017
- -Acronym "Kansai University Open Research Center for Asian Studies"
- -Transform materials owned by Kansai Univ. into a digital achieve
- -Promote the construction of an integrated archive based on mutual links with collections of numerous institution abroad

https://www.ku-orcas.kansai-u.ac.jp/en top/



# Research Branding Projects



Reach people with Triple M

Materials

Mechanics

Medicine

Kansai University Medical Polymer

Polymer materials chemistry[Materials]

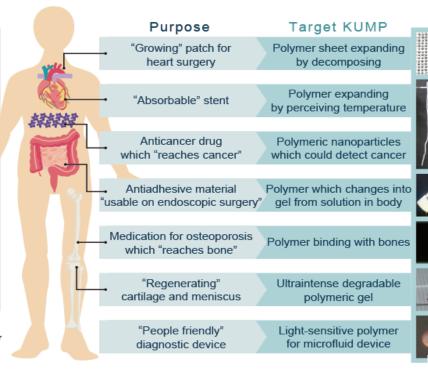
Device integration and systemization

Mechanical engineering [Mechanics]

Clinical Application

Medical science[Medicine]

KUMP: 3M for 3H Materials, Mechanics and Medicine for Human, Health and Happiness



KU-SMART



- Founded by the Japanese government from FY2016
- Acronym "Kansai University Smart Material and Advanced Reliable Therapeutics"
- 13 researchers from Kansai University and 12 clinicians from Oska Medical College









http://www.kansai-u.ac.jp/ku-smart en/

### Researcinese Branding

Japanese / English



Quick Links

- Kansai University's Initiatives
- Roadmap to Carbon Neutrality by 2050
- Climate Emergency Declaration

Center Researchers • Research Topics

- Joint Research Institutions
- Collaboration with universities and other entities that contribute to achieving carbon neutrality

News & Topics

Inquiries

Consultation on joint research and regional collaboration

### CARBON NEUTRAL RESEARCH CENTER

Contents

#### **Basic Information**

- Overview of the Center
- Messages from the Director and Vice

Director of the Center

Inquiries

#### **Initiatives and Results**

- ▼ Center Researchers · Research Topics
- Joint Research Institutions
- News & Topics

- Event information
- Kansai University's Initiatives







Japan-Mobility and Internationalisation: Re-engaging and Accelerating Initiative for future generations



Japan's next 10 year-internationalization plan What would take place in actual practices?







### 2022-2023 教育未来創造会議

the Council for Creating the Future of
Education
(chaired by Prime Minister Fumio
Kishida)



JAPANGOV THE GOVERNMENT OF JAPAN J-MIRAI: Japan-Mobility and
Internationalisation:
Re-engaging and Accelerating
Initiative for future generations





#### Outbound Japanese Students

500,000 students

222,000 students pre-COVID-19

To a level comparable to France and Germany(non-English speaking countries)

#### Universities, vocational school, etc.

Number of students studying abroad long-term 62,000 ▶ 150,000

Number of students studying abroad middle and short-term 113,000 ▶ 230,000

#### High schools, etc.

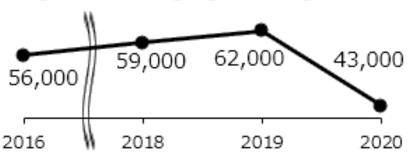
Study tour (less than 3 months) 43,000 ▶ 110,000

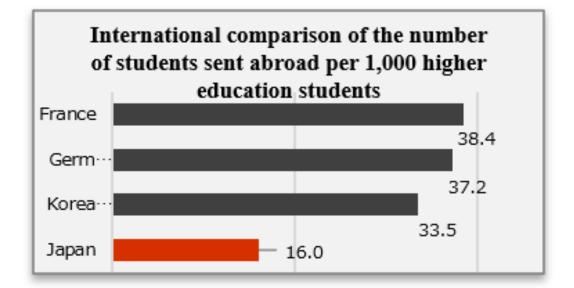
Studying abroad (more than 3 months) 4,000 ▶ 10,000



### Stagnation of Japanese students studying abroad

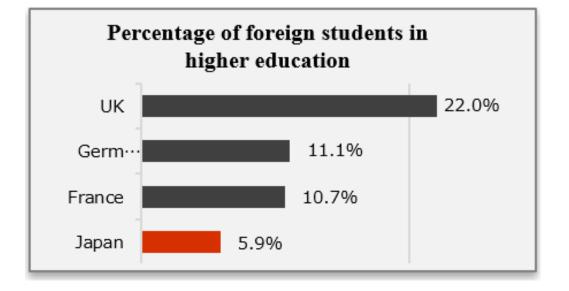
Number of Japanese students studying abroad, mainly long-term (including degree-seeking students)

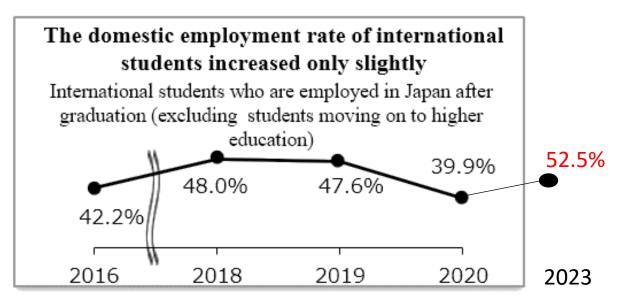




e future for international education in the Asia Pacific







### Inbound/Retaining International Students

400,000 students

318,000 students pre-COVID-19

Maintain the growth rate of Plan for 300,000 Exchange Students

### Universities, vocational schools, Japanese language schools, etc.

Number of international students 312,000 ▶ 380,000

Percentage of international students Undergradutate: 3% ▶ 5% Master's: 19% ▶ 20%

Doctorate: 21% ▶ 33%

#### High schools, etc.

Number of international students 6,000 ▶ 20,000

Percentage of international students 0.2% ▶ 0.7%

#### Post-graduation employment rate

Post-graduation employment rate of international students in Japan

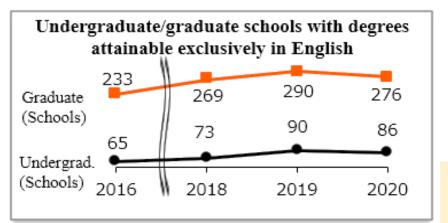
48% ▶

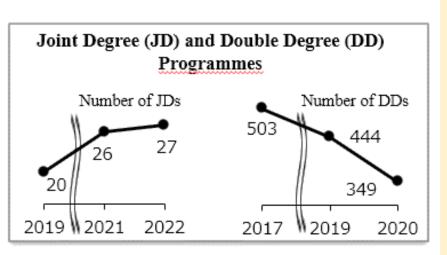
60%





### Internationalisation of Education





**APAIE 2024** 

Develop an international educational environment and promote in-person and online interactions

#### Universities, etc.

| English-only programmes   | Undergraduate:   | 86  | ▶ 200 |
|---|------------------|-----|-------|
|   | Graduate School: | 276 | ▶ 400 |
| Universities that have<br>exchanges with overseas<br>universities based on<br>exchange agreements | 48%              | •   | 80%   |
| Number of joint degree programs*  | 27               | •   | 50    |
| Number of double degree programs  | 349              | •   | 800   |

#### Junior high and high schools, etc.

| Junior high ar  | ng nign scr | iools,     | etc.      |
|---|-------------|------------|-----------|
| Schools where<br>students can take<br>multiple subjects in<br>English | 50 schools  | <b>1</b> 5 | 0 schools |
| Conducting<br>international<br>exchanges in-person                    | 18%         | •          | 50%       |
| Online international  | 2004        |            | 1000/     |

20%



#### **COIL/Virtual Exchange**



he Asia

100%



Towards a suste

exchanges, etc.

# VERY FREQUENT MENTION of Online International Education, COIL, and Virtual Exchange in J-MIRAI

"We shall promote hybrid /blended international education methods by further adopting practices such as COIL and Virtual Exchange".

クルートや、オンラインによる日本で 系企業との交流など、優先な子生の早期からの獲得強化に向けたプログラムを構築する、オンライン等を活用した日本留 学に関するアウトリーチ型の魅力発信を強化する日本語専門家・日本語パートナーズの派遣、オンライン教材の拡充 COIL、VE等のオンラインを活用したハイブリッド国際交流を推進する。(4回)オンラインコンテンツの開発・提供やア ドバイザー派遣などを通じた日本語教室空白地域解消の推進強化を図る。





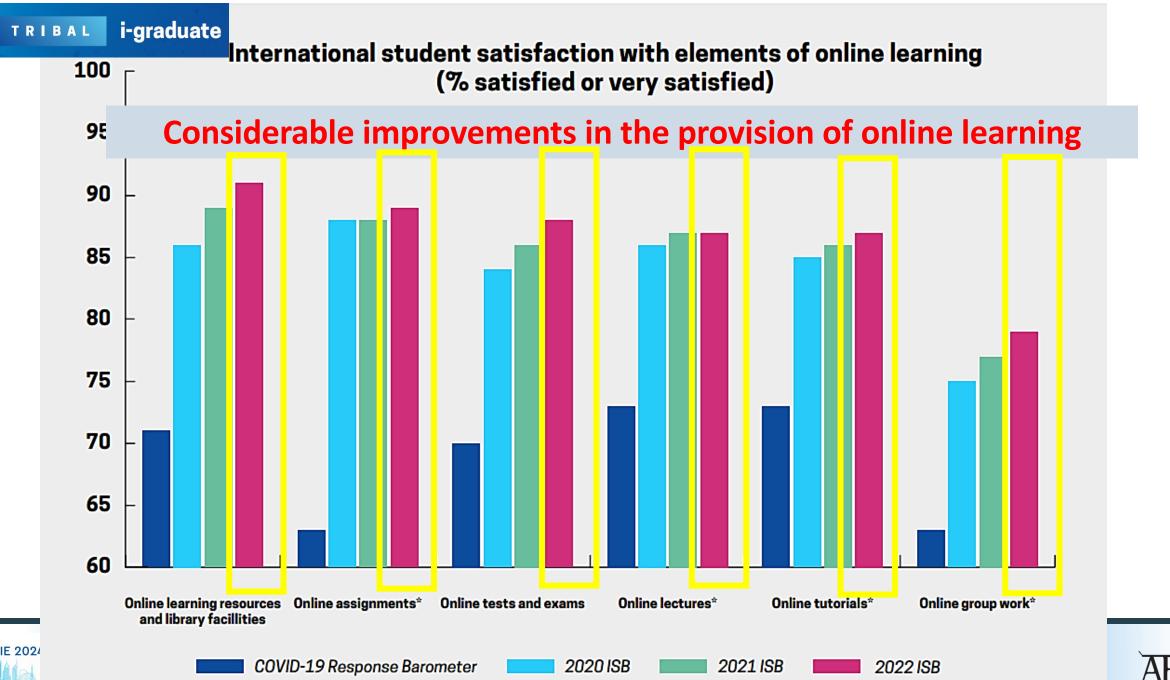
### Internationalisation of Education

Develop an international educational environment and promote in-person and online interactions



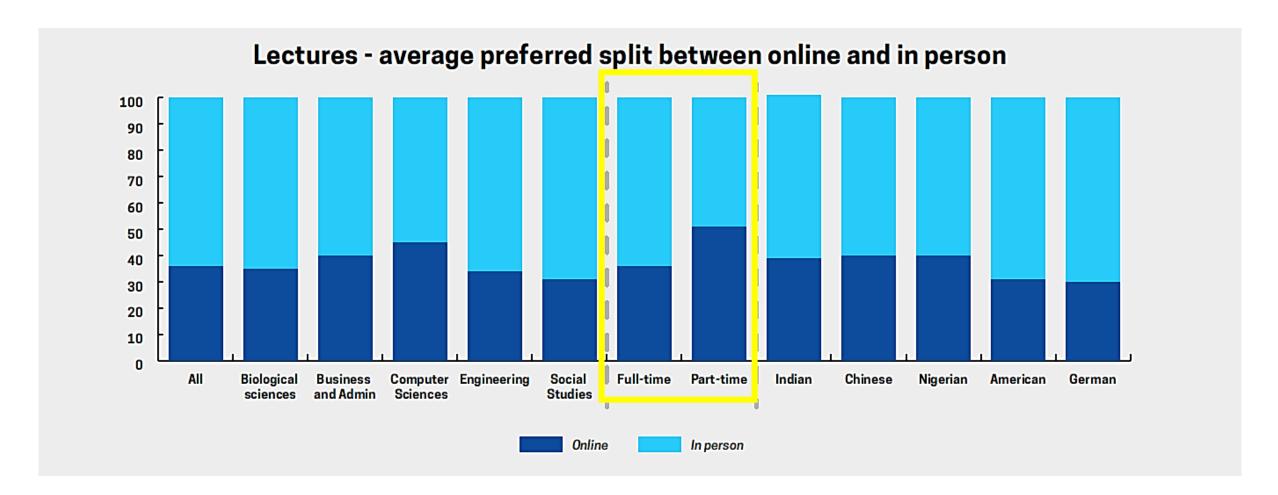












留学生の4分の3強(76%)は、少なくとも講義の一部についてオンライン化を希望している。

Just over three-quarters (76%) of international students would like to see at least some of their lectures in line.



#### Global International Student Survey 2022

Over 110,000 prospective international students from 194 countries and territories around the world.

### How interested are you in the following delivery options?





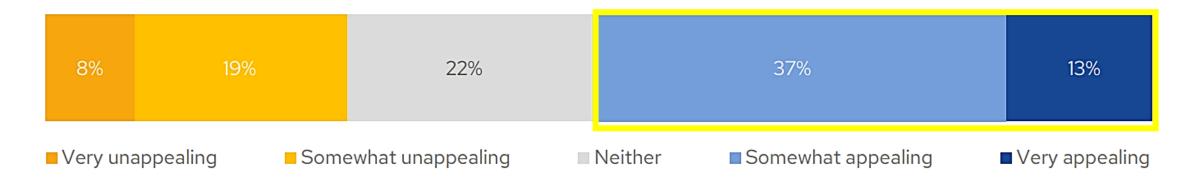




#### Global International Student Survey 2022

Over 110,000 prospective international students from 194 countries and territories around the world.

### How appealing do you find the idea of a hybrid learning experience, which combines virtual and on-campus teaching?



When asked what they thought of a hybrid approach,

50% said it was "very attractive" or "somewhat attractive."





### SO, WHAT CAN WE DO?

J-MIRAI as JAPAN'S BACKGROUND

+

HEIs better MOVE towards BLENDED & HYBRID LEARNING POST-COVID









Japan hub for Innovative Global Education

IUEP PROJECT 2023-2028

**MISSION** 

BLENDED INTERNATIONAL EDUCATION

**HYBRID APPROACH** 











# Japan hub for Innovative Global Education JIGE Initiative



BLENDED MOBILITY IS AN EDUCATIONAL CONCEPT THAT COMBINES PHYSICAL ACADEMIC MOBILITY, VIRTUAL MOBILITY AND BLENDED LEARNING.





### 3-5 WEEKS COLLABORATION

### STUDY ABROAD PARTNER

### ONLINE FINAL PRESENTATION

LEARNING METHODS ------ SHARING /FEEDBACK

それぞれの地域のケース分析を実際に実施

Actual case analysis of each region

### **EXAMPLE CASE**



国地域A・B・Cの学生と 日本の学生が参加・COIL学習を通して フィールド分析の手法を学ぶ

Students from Country Regions A, B, and C and Japanese students participate and learn field analysis methods through DIEC







Country/Region C USA

### Blended International Education

オンラインで継続して情報共有・発表

帰国後に再度リフレクションセッション として対面・オンラインで振り返り

Ongoing information sharing and presentation online Reflection session again after returning home, both in person and online

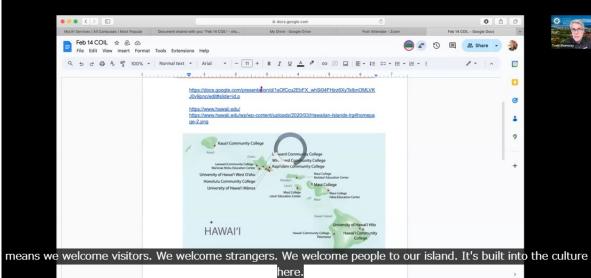
**BLENDED MOBILITY with MC** 

### **JIGE IBM PROGRAM**

Nangyang Polytech | Panyapiwat Institute for Management | Kansai University

# They have presented to each other on Friday (March 10<sup>th</sup>, 2023)







Okay, we minus 5 h and go forward today, but we're 19 h apart. So you'll be that you guys are 19 h ahead of us.



### **ONLINE**





# **ONSITE**



### **OUR PARTNERS**

**University of Alabama Baylor University California University University of** Cincinnati Clemson University Cornell University **DePaul University** New York State Fashion Institute of Technology Florida International University University of Hawaii at Hilo University of Hawaii at Manoa University of Hawaii Kapiolani Community College **University of Montana New School University** State University of New York at Stony Brook Northern Arizona University University of North Carolina at Chapel Hill University of North Carolina at Charlotte North Carolina State University The Ohio State University

Portland State University
Pennsylvania State University
Regina University
Temple University
University of Washington

Western University (Canada)
University of Waterloo(Canada)

Kebangsaan University University (Malaya)
CEU Cardenal Herrera University (Spain)
Soochow University (Taiwan)
Nanyang Polytechnic (Singapore)
Paulista University of São Paulo (Brazil)
Panyapiwat University of Management (Thailand)
University of San Pedro (Philippines)

[as of 2024 Feb]

# JIGE CAPACITY BUILDING

Partner organizations

Supporting and cooperating organizations

# PARTNERSHIP BUILDING













# **IMPACT RESEARCH UNDERSTANDING LEARNING IMPACT**









U.S. Consulates





Association of American Colleges and Universities





**Embassy of Canada** 

BCCIE













INTERNATIONAL STAFF & **FACULTY DEVELOPMENT** PROGRAM AMONG **APAC UNIVERSITIES 2024** 





24th February to 1st March 2024 Taylor's University Lakeside Campus, Subang Jaya

# **AMONG APAC UNIVERSITIES 2023-2024**

Feb 24th ~ March 2nd 2024

INTERNATIONAL STAFF & FACULTY DEVELOPMENT PROGRAM

#### **ASEAN PARTICIPATING COUNTRIES**

Japan, Malaysia, China, Philippines, Indonesia, Timor Leste, Thailand, Vietnam, Brunei and Cambodia, USA We are excited to present the International Staff & Faculty Development Program 2024, a collaborative initiative aimed at equipping academicians and administrators with the skills to foster collaborative activities for students in cross-cultural environments, with a particular emphasis on advancing the globalization of higher education. Supported by Kansai University (Japan) in partnership with Taylor's University (Malaysia) and the University of North Carolina Chapel Hill (United States), this program serves as a pivotal platform to enhance regional efforts in strengthening higher education collaboration across the Asia-Pacific (APAC) region.

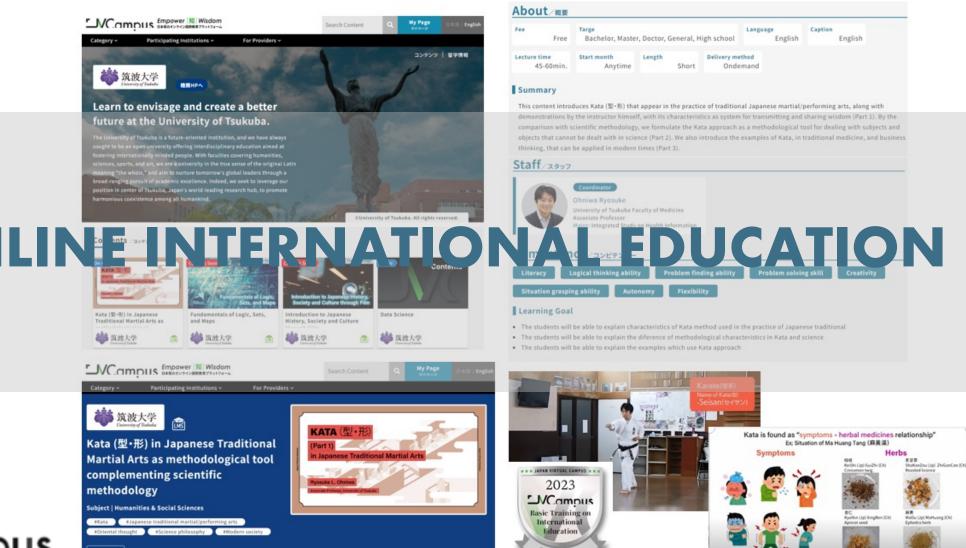
Join us in building bridges and promoting internationalization within the academic community

For any inquiries, please don't hesitate to reach out via email at SauHar.Lee@taylors.edu.my





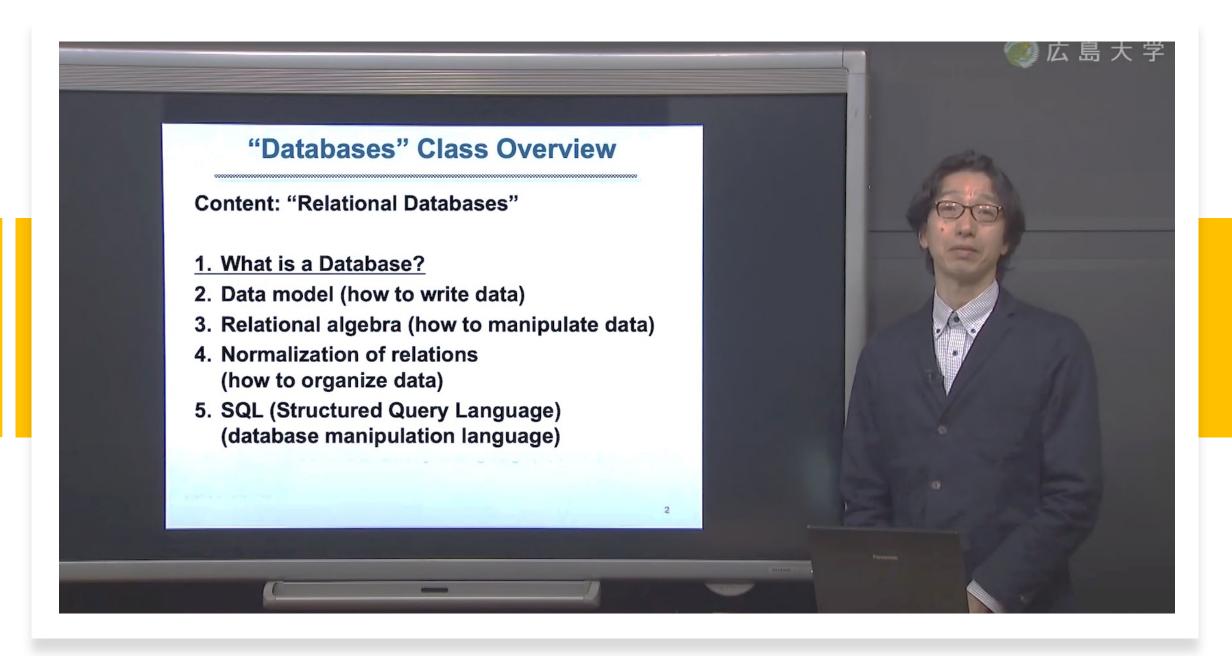
### Japan's first online platform for higher international education











カテゴリマ

機関一覧~

機関側サイト~

#### 検索結果:239







オンデマンド教材で学ぶ日本語講座





日本美術工芸の明日を担う



Coming Soon



Trailer Image

Welcome to the School of the Future!

Introduction to Anthropology of Media



お祓いと神道

国學院大學





型・形~日本伝統武道における叡智の 伝達方法~科学的アプローチを補完す る方法として

分野 | 人文·社会科学



#型·形 #武道 #東洋思想 #科学哲学 #現代社会



風神と雷神の来た道





Trailer Image

How Fujin and Raijin

Arrived in Japan



学入門





日本における酒の歴史と伝統文化とし ての日本酒





◎筑波大学. Last Update 2023-08-07

Staff About Content Competency Information Contact Related Contents コンビテンシー 関連コンテンツ その他の情報

#### About/概要

学士,修士,博士,一般,高校生 英語 45-60分 随時

受護期間 配信方法

短期間 オンデマンド



の発想方法

京都精華大学





未来の学校へようこそ - メディア人類

オンデマンド教材で学ぶ日本語講座





マンガ独自の描画技法と絵による演出

京都精華大学











#### Staff/スタッフ



大庭 良介 筑波大学 医学医療系 准教授

#### Competency/コンピテンシー

リテラシー 論理的思考力 課題発見力 問題解決力 規機力 状況把握力 主体性 柔軟性

#### 達成目標

- 武道等での伝統的な学習体系である型の特徴を説明できる
- 科学的方法と型的方法の相違を説明できる
- 型的方法が適用されている事例を伝統芸能以外で紹介できる

#### Information/その他の情報

#### 教材・参考文献

大庭良介 「型」の再考: 科学から総合学へ (京都大学学術出版会, 2021年8月)





#### Content/学習内容

あなたはコースに登録されています。

Y

Lecture:

#### Lecture: Part1. Kata in Japanese Traditional Martial Arts

入力テスト日本の伝統的な武道や芸能などで顕れる「型・形」を講師本人の実演とともに紹介し、叡智の伝達・共有の方法体系としての特徴を紹介する

Kata in Japanese Traditional Martial Arts

やること: 閲覧する

Lecture: Part2. Kata vs Science their methodological differences

科学的方法論との対比により、型的アプローチを科学では扱いきれない主題や対象を処理するための方法論的ツールとして定式化する

Kata vs Science their methodological differences

やること: 閲覧する

3 Lecture: Part3. Application of Kata to variety of issues

漠方・中国医学といった伝統医学に加え、デザイン思考やアート思考といったビジネス思考分野など、現代に生きる型アプローチを紹介する



Application of Kata to variety of issues

やること: 閲覧する







#### Content/学習内容

1

#### Lecture: Part1. The What and Why Diversity and Incrusion(Lesson for All)

- 1. Define diversity and inclusion
- 2. Differentiate diversity from inclusion
- 3. Identify outcomes of inclusion



2

#### Lecture: Part2. Diversity and Inclusion in Japanese Society and Business (Lesson for international students)

- 1. Define diversity and inclusion
- 2. Differentiate diversity from inclusion
- 3. Identify outcomes of inclusion

Diversity and Inclusion in Japanese Society and Business (Lesson for international students)

3

#### Lecture: Part2. Diversity and Inclusion in Japanese Society and Business (Lesson for international students)

- 1. Manage Diversity at The Corporate Level
- 2. Lead a Diverse Team
- 3. Practice and Review

Diversity and Inclusion in Japanese Society and Business (Lesson for international students)

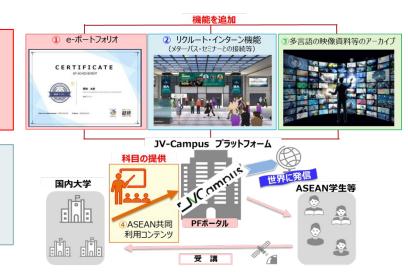
### **FURTHER DEVELOPMENT on JV-campus in 2024-2025**





<u>e-portfolio</u> that can be used by international students, universities, and companies, capable of issuing and managing <u>Digital</u><u>Badges</u>.

Support functions for <u>recruitment and</u> <u>internships</u> conducted jointly by universities and companies, including features such as <u>Metaverse</u> and <u>Seminar</u> functions.



JV-Campus archive that can be freely used as educational material on JV-Campus.

Development of **joint-use contents** that allows for **credit recognition**.

Approximately <u>60 credits' worth</u> of diverse joint-use content will be widely utilized by universities nationwide.

# Courses with <u>Credits</u> offered by Japanese universities to students in the world will start from <u>April 2025</u>

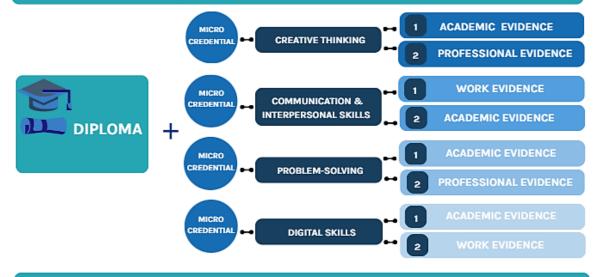
| Japanese Culture                   | Math • Data Science • AI |
|------------------------------------|--------------------------|
| Public Policy                      | Infrastructure • Energy  |
| Business                           | SDG S                    |
| International Contribution / Peace | Medical • Health         |
| Art                                |                          |





### MICRO-CREDENTIALS

Provide recognition of students' skills, and give access to evidence about their capacities and readiness for work. Single out achievements as additional signals that complement academic transcripts.







The micro-credentialing process provides university recognition of employability skills on the basis of a transparent procedure and access to rich, concrete and multiple evidence, while increasing students' self-awareness, confidence, and external trust.







# Micro-Credentials





# Micro-credentials: Features



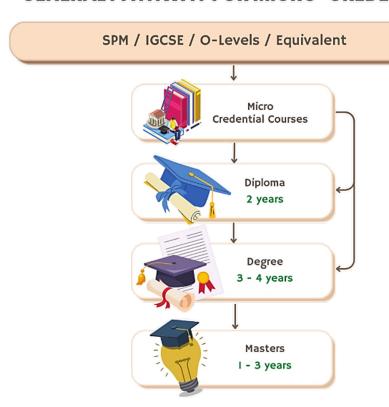
Source: Micro-credential innovations in higher education: Who, What and Why, OECD Education Policy Perspectives No.39, 2021, **Flexible Stackable Targeted** Rapid [duration] [sequencing or timing] **Portable External** Learning [applicable to **Study load** assurance of study expressed in outcomes programme or programmes in credits assessed provider other HEIs] **Self-sovereign Located with Employer role in Wage and** digital identity **National** credential occupation [recipient **Qualifications** ownership, vendor design/ approval reporting **Framework** independence]





# Japan's Potential Collaboration with APAC micro-credential system Recognizing the credits

#### **GENERAL PATHWAY FOR MICRO-CREDENTIAL**



## **Principle of Recognition Process**

- transparent, coherent, reliable, fair and non-discriminatory
- Compliance / Right to appeal
- Partial recognition/Recognition of partial credential
- Credential from non-traditional learning
- Credential recognition of undocumented refugees,
   Other credentials from outside of the country





## Japan's Potential Collaboration with APAC via JIGE/ J-MIRAI

# Hosting Site for MCP Study Abroad Destination

Co-joint Production and Operation of Capacity Building Programs

JAPAN USA APAC









### Professional Development Program for JIGE-APAC Universities 2024 Feb 24-March 2<sup>nd</sup>

| 12.30 pm | Lunch (TU)  |
|----------|---|
| 2.00 pm  | Lecture Series #1 + Q&A                                   |
|          | Title: Building Global Networks and International         |
|          | Partnerships in Education                                 |
|          | Speaker: Prof. Dr. Keiko Ikeda (Kansai University, JIGE,  |
|          | Japan)  |
|          | Zoom link: https://zoom.us/j/96581238986                  |
| 3.00 pm  | Lecture Series #2 + Q&A                                   |
|          | Title: The Importance of Cultural Diversity in Education  |
|          | Speaker: Assoc. Prof. Dr. Don Bysouth (Kansai University, |
|          | Japan)  |
|          | Zoom link: https://zoom.us/j/98979283479                  |
| 4.00 pm  | Tea break (TU)  |
| 4.30 pm  | Lecture Series #3 + Q&A                                   |
|          | Title: Fostering Global Competence                        |
|          | Speaker: Assoc. Prof. Dr. Abdul Latiff Ahmad (Universiti  |
|          | Kebangsaan Malaysia, Malaysia)                            |
|          | Zoom link: https://zoom.us/j/94773258842                  |
| 5.30 pm  | Depart from Taylor's University campus to Sunway Lagoon   |
|          | Hotel   |

#### Day 6 – 29<sup>th</sup> February 2024

| Time     | Itinerary   |
|----------|---|
| 8.30 am  | <ul> <li>Arrival at Taylor's University campus</li> </ul>     |
|          | <ul> <li>Registration of attendance</li> </ul>                |
|          | Venue: Collaborative Mobile X-Space (D4.02 & D4.03)           |
| 9.00 am  | Workshop (Part 1)   |
|          | Title: Ways to promote comprehensive                          |
|          | internationalization of universities                          |
|          | Facilitators: Ms. Heather Ward (The University of North       |
|          | Carolina at Chapel Hill, North Carolina), Prof. Dr. Keiko     |
|          | Ikeda (Kansai University, Japan)                              |
| 10.00 am | Tea break (TU)  |
| 10.30 am | Workshop (Part 2)   |
|          | Title: Learning of your own institution and your own role     |
|          | through SWOT analysis, Unlearning your own                    |
|          | assumptions, and more   |
|          | Facilitators: Ms. Heather Ward (The University of North       |
|          | Carolina at Chapel Hill, North Carolina), Prof. Dr. Keiko     |
|          | Ikeda (Kansai University, Japan)                              |
| 12.00 pm | Lunch (TU)  |
| 1.30 pm  | Individual/Group work for presentation                        |
|          | Facilitator: Assoc. Prof. Dr. Don Bysouth and Prof. Dr. Keiko |
|          | Ikeda (Kansai University, JIGE, Japan)                        |
| 3.30 pm  | Tea break (TU)  |
| 4.00pm   | Individual/Group work for presentation                        |
|          | Facilitator: Assoc. Prof. Dr. Don Bysouth and Prof. Dr. Keiko |
|          | Ikeda (Kansai University, <mark>JIGE</mark> , Japan)          |
| 5.00 pm  | Depart from Taylor's University campus to Sunway Lagoon       |
|          | Hotel   |











