



HIROSHIMA UNIVERSITY

Hiroshima University Global Campus Expansion and Innovation Initiative

**“Top Global University Project”
Type A**

1. Hiroshima University in 10 years

With enhanced education and research activities, producing global human resources and contributing the creation of new knowledge

One of the world's top 100 universities

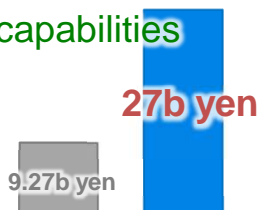
Formation and implementation of research centers of excellence

Excellent research capabilities



No. of papers indexed by SCI

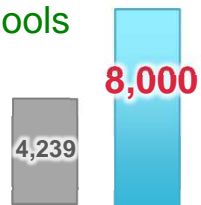
Excellent funding capabilities



External funding

Offering education with international standards

Focus on graduate schools



No. of graduate students

Producing competent human resources



No. of doctoral degrees conferred

Education system offering many global opportunities

Excellent international opportunities



No. of Japanese student studied/ing abroad

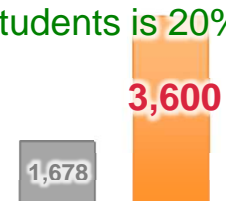
50% of classes are in a foreign language



No. of foreign language classes

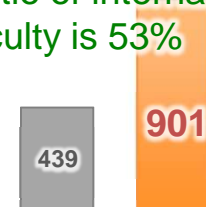
Attracting talent from around the world

Ratio of international students is 20%



No. of international students

Ratio of international faculty is 53%



No. of international faculty

2. Attracting talent from around the world

Past Achievements and Current State

- **1,678 international students (ranked 21 in Japan) from 69 countries/regions**
Focused on developing researchers and specialized personnel in Asia. In particular, many students from ASEAN nations.
- **Beijing research center, pioneering model for overseas hubs**
Experience in building friendships and joint usage facilities with local governments. Established 8 hubs including Beijing.
- **Integrated regional internationalization**
Prefectural and municipal public housing loaned as dormitories for domestic and international students.

Action 1

Strategic promotion overseas

20% of all students are international students

- **Enhanced matching functions** to align students' wants with teacher's specialties.
- **10 permanent offices overseas** (international student consultations and special one-stop consultation web site on study in Hiroshima University)
- Lead-up programs (summer program, online Japanese education programs)
- Increase scholarships opportunities (Adopted before coming to Hiroshima University, Alumni Association/World Bank/JICA, etc.)
- Construction of new internationalized dormitories (housing all new international students)

Action 2

Introduction of global entrance exams

- Can apply from anywhere in the world using the online application system
- Globally-recognized academic screening tests (SAT, GRE, etc)

Action 3

More degree courses in English

- Established in all departments and graduate schools
- Cambodia International joint graduate school of Dentistry (developed into JD)

Action 4

Collaborative education with joint researchers

- Education and research units from world-leading universities invited to join collaborative education efforts in priority fields of Hiroshima University, establishment of units providing opportunities for female researchers

Results metrics

No. of international students

1,678 (2013)



3,600 (2023)

No. of joint international papers

450 (2012)



2,700 (2023)

3. Education system with a variety of global opportunities

Past Achievements and Current State

- A variety of study abroad opportunities that meet students' needs 32 programs in total
- **START for new students** Dispatch 250 students/year (10% of new students) Resulted in heightened focus by students on study abroad.

- Introduction of quarter system (from 2015)
- Support to graduate students for presentations at international conferences

Action 1 Remove factors inhibiting study abroad

All Japanese students study abroad

- Establishment of new overseas study scholarships through collaboration between academia and industry, use of quarter system (1st term as term for special English training, international credit transfers, UCTS, numbering system, etc)

Action 2 Expansion of DD, JD

- Global teacher training JD (Barcelona University, Milan University, etc...)
- International management JD (Taiwan National Chengchi University, etc...)

Action 3 Increase of classes taught in a foreign language (50% of all subjects)

- **More than 50% are international faculties or have experience of education/research overseas**
- 100% international open recruitment of faculty
- Intensive courses and online lectures by world-renowned scholars

Action 4 Expansion of overseas satellite campuses

- New establishment of Cambodia joint international graduate school of dentistry

Action 5 Enhancement of research exchange activities with top schools overseas

- Acquirement of external funding with partner universities (EU, US foundations, etc)
- Increasing opportunities for graduate students to participate in international joint research projects and overseas internships

Results metrics

Exchange faculties

2,616 times (2012)



5,400 times (2023)

Classes taught in foreign language

397 classes (2012)



3,357 classes (2023)

External funding received

9.27B yen (2012)



27B yen (2023)

4. Education with international standards

Past Achievements and Current State

■ Hiroshima University's unique attainment target-based education program: HiPROSPECTS

Leading the way to implement nationwide from 2006 (see UK QAA* rubric)

*QAA : Quality Assurance Agency for Higher Education

■ 5 Year Integrated Leading Graduate Education Program

Phoenix Leader Education Program for Renaissance from Radiation Disaster

Taoyaka Peaceful Coexistence Leader Program

■ **Internal quality guarantee for education** Assess and verify all educational programs

Action 1

International quality assurance of education



- Quality assurance of education through SERU* consortium includes a peer group of major U.S and international research universities. *Student Experience in the Research University
 - ❖ Started by Hiroshima university's initiative
 - ❖ Using data and experience of SERU
- International peer reviews for educational programs of academic fields with partner universities
- Internationally recognized Rubric and GPA hybrid Assessment

Action 2

Assuring time for high-quality learning

- Support for student's learning through a new TA system
- Enhancement of student's study with a multi-instructor framework (including overseas researchers) (e-learning portfolio)
- Introduction of active learning such as flipped method and PBL in English throughout the university
- Publication of achievement in international journals (Writing Center)

Results metrics

No. of doctoral degree

376 (2012)



1,100 (2023)

No. of papers indexed by SCI

1,726 (2012)



5,400 (2023)

5. University governance reform

Past Achievements and Current State

- Introduction of annual salary system and tenure track system
- Enhancement of IR functions by university corporate planning office
- Launch of individual faculty evaluation and incorporation into compensation (launched in science and engineering departments in 2014, social sciences in 2015)

Action 1 Enhanced strategic leadership of the president

- Separation of faculty and undergraduate/graduate school
- Decisions by board of directors on teacher personnel (recruitment, promotions), optimal placement of faculties, and internal expense allocations

Action 2 Monitoring of university performance based on thorough IR

- Performance monitoring of the university, each school, and faculty members
- Supporting optimal allocation of internal university resources
- Visualization of progress to achieving target of becoming one of the world's top 100 universities, and accelerating reform

Action 3 Internationalization of faculty evaluation

- Focus on Internationalized metrics, such as number of international joint papers and number of guest lecture invitations

Action 4 Internationalization of university operational structure

- Centralized collection and analysis of information on internationalization by the Office of Global Initiatives
- Participation by overseas experts in Management Council, setting of international faculties quota for Education and Research Council
- TOEIC scores of over 800 for 20% of university staff
- Establishment of bilingual education and research support system (to ensure better educational and research environment for international students and faculties)

6. Raising international standing by cultivating global human resources

One of the world's top 100 universities

Highly-motivated people gather at Hiroshima University, and achieve outstanding global performance

Build up reputation in int'l society

Produce excellent researchers and academic achievements

Training human resources who can resolve the unpredictable issues with the human society

Offering education with international standards

Development of international education and research network

Development of research centers of excellence

Adapt the concept of the Leading Graduate Education Program to the whole university

Synergy

Focus resources on university's advantageous research fields

Extensive education experience

Enhancement of governance

University's top-notch research capability

Thorough IR analysis

- Separation of faculty and undergraduate/graduate schools
- Faculty evaluation
- Introduction of annual salary system
- Appropriate assignment of faculties