Establishment of unit for research collaboration and jointly education

International unit for research collaboration and jointly education to establish Joint Degree Program
Establishment of international unit for research and education

International joint unit for research and education to establish Joint Degree Program
Establishment of international unit for research and education

Future plan for establishment of international joint unit with foreign universities


<table>
<thead>
<tr>
<th>Year</th>
<th>Adelaide</th>
<th>Freiburg</th>
<th>Kasetsart</th>
<th>Edinburgh</th>
<th>Johns Hopkins</th>
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(The number of units)

Establishment of international unit for research and education

International joint unit for research and education to establish Joint Degree Program
Establishment of international unit for research and education

International joint unit for research and education to establish Joint Degree Program

Strengthening the relationship between faculties and our research ability

Research collaboration ↑
Foreign students ↑
Foreign faculties ↑

International joint unit in Medicine between Adelaide and Nagoya

About description of the course
The University of Adelaide is established in 1874, the third oldest university in Australia. The University constitutes a vibrant and diverse community with over 25,000 students and over 3,500 members of staff across our three main campuses. With a long history of ground-breaking research and scholarships of international significance, five Nobel Laureates are associated with the University.

The South Australian Health and Medical Research Institute (SAHMRI) was completed in the Spring of 2014, it’s the South Australia’s first independent, flagship health and medical research institute and the pioneer of the state’s new Health and Biomedical Precinct on North Terrace.

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About process of relationship between Adelaide and Nagoya

- Relationship between Adelaide University and Nagoya University through AC21
- Short exchange program between Adelaide and Nagoya for the clinical clerkship
- Joint symposium between Adelaide, Nagoya, and Freiburg on May 2014
- Joint supervision program between Adelaide, Nagoya, and Freiburg
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About AC21 members University

The Academic Consortium for the 21st Century (AC21) was established on June 24, 2002 at the International Forum 2002 hosted by Nagoya University, Japan.

Members:
- Australia: The University of Adelaide
- China: Jinan University
- Korea: Yonsei University
- Netherlands: Eindhoven University of Technology
- Korea: Peking University
- China: Shanghai Jiao Tong University
- Tampere University

Countries:
- France: University of Strasbourg
- Germany: Technische Universität Chemnitz
- Japan: Nagoya University
- Laos: Pao Pans Democratic Republic
- South Africa: Stellenbosch University
- Thailand: Chulalongkorn University
- United States: University of Montpelier
About process of relationship between Adelaide and Nagoya

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Exchange program for clinical clerkship

- Tulane
- Duke
- JHU
- Taiwan
- Soul
- Warwick
- Adelaide
- Lund
- Gdansk
- North Carolina
- Beijing
- Freiburg
- Vienna
- Pen
About process of relationship between Adelaide and Nagoya

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Visit to the Uni. of Adelaide
May, 2013
FAN3 Joint Symposium (March 19, 2014)

Kenshi Kadomatsu, M.D., Ph.D. (Nagoya University)
Andrew Zannettino, M.D., Ph.D. (University of Adelaide)
Christoph Peters, M.D., Ph.D. (University of Freiburg)
Andrew Zannettino, M.D., Ph.D. (University of Adelaide)
Daniel Worthley, M.D., Ph.D. (University of Adelaide)
Takashi Takahashi, M.D., Ph.D. (Nagoya University)
Atsushi Natsume, M.D., Ph.D. (Nagoya University)
Michael Wirsching, M.D., Ph.D. (University of Freiburg)
Hiroyuki Kimura, M.D., Ph.D. (Nagoya University)
Jozef Gecz, Ph.D. (University of Adelaide)
Branko Aleksic, M.D., Ph.D. (Nagoya University)
Kinji Ohno, M.D., Ph.D. (Nagoya University)

Signing Ceremony for Joint Supervision Program (March 19, 2014)
About process of relationship between Adelaide and Nagoya

- Relationship between Adelaide University and Nagoya University through AC21x
- Short exchange program between Adelaide and Nagoya for the clinical clerkship
- Joint symposium between Adelaide, Nagoya, and Freiburg on May 2014
- Joint supervision program between Adelaide, Nagoya, and Freiburg

International jointly educational program in Medicine

MEMORANDUM OF COOPERATION

AMONG
THE UNIVERSITY OF ADELAIDE (through its Faculty of Health Sciences),
THE UNIVERSITY OF FREIBURG FACULTY OF MEDICINE,
AND
NAGOYA UNIVERSITY GRADUATE SCHOOL OF MEDICINE
AND SCHOOL OF MEDICINE

The University of Adelaide (through its Faculty of Health Sciences), the University of Freiburg Faculty of Medicine, and Nagoya University Graduate School of Medicine hereby conclude this Memorandum in order to further promote collaboration between the institutions in the field of medicine.

1. Collaboration between the three parties may include such activities as:
   a) Exchange of medical students
   b) Special short-term programs for students
   c) Joint supervision program of doctoral candidates
   d) Joint research activities, including seminars, conferences, and public lectures
   e) Exchange of publications, academic material, and other research information
Agreement Regarding Joint Supervision of PhD Dissertations

between

Nagoya University
65 Tsurumai-cho, Showa-ku, Nagoya
represented by the Dean, Graduate School of Medicine and School of Medicine
Professor Masahide Takahashi

and

The University of Adelaide
North Terrace, Adelaide, SA 5005
Australia
represented by the Pro-Vice-Chancellor (Research Operations)
Professor Richard Russell

International jointly educational program for Medicine between Adelaide and Nagoya

Description of Joint Degree

Joint Supervision Program
Adelaide Univ. Nagoya Univ.

Joint Degree Program
Written in English and Japanese

- Diploma (Adelaide Students)
- Certificate
- Diploma (Nagoya Students)

One Diploma
Officially approved Diploma
12

### 外国大学との共同教育プログラムの履修に対する学位授与について

○在籍国の大学に在籍する学生が、外国大学との共同教育プログラムを履修した場合、学位授与の方法として、主に、以下のようないくつかの方法が考えられる。

<table>
<thead>
<tr>
<th>定義</th>
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<tr>
<td>① 単位記+サティフィケート</td>
<td>② ダブル・ディグリー</td>
<td>③ ジョイント・ディグリー</td>
</tr>
<tr>
<td>単位記(A大学) + サティフィケート</td>
<td>単位記(A大学) + 単位記(B大学)</td>
<td>単位記(A大学、B大学連名)</td>
</tr>
</tbody>
</table>

### 教育プログラム

教育プログラムについて、各大学間で十分に協議されていることが望ましい。

### 学位授与

学位授与に関して、各大学間で十分に協議されていることが望ましい。

<table>
<thead>
<tr>
<th></th>
<th>現行制度で実施可能</th>
<th>制度改正が必要</th>
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<tr>
<td>単位記+サティフィケート</td>
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### Deference in PhD System between Countries

In Japan, all PhD courses have to be approved by MEXT (Ministry of Education, Culture, Sports, Science and Technology) at their establishment. Only approved courses can offer a PhD degree.

Our Joint Degree Program (JDP) is no exception. This course has to get approved by MEXT as well.

JDP program between Nagoya and Adelaide was approved by MEXT in June 2015.
Vision of the Graduate School International Collaborative Education System: New Approach

**International Collaborative Program in Comprehensive Medical Science between Nagoya University and the University of Adelaide**

**Diplomacy Policy (DP)**

We would like to create talented graduates who have gained various academic knowledge. They will promote international research and contribute to the development of medicine and welfare.

**Assurance of quality of students**

★ Graduates of this program... have the skills to become leaders in the medical and human services industries.

*act as bridges between top universities*
*act as a channel to international research collaboration*
make up the research infrastructure to Top 100 universities
*have the skills to become leaders in the medical and human services industries*

**Screening by both universities**

No need to extend the graduation date to receive an internationally recognized degree.

We would like to create talented graduates who have gained various academic knowledge. They will promote international research and contribute to the development of medicine and welfare.

**Outline of International Collaborative Program in Comprehensive Medical Science between Nagoya University and the University of Adelaide**

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>4th year</th>
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<tr>
<td>Oct Apr</td>
<td>Oct Apr</td>
<td>Oct Apr</td>
<td>Oct Apr</td>
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</table>

**Specialized subject**

- Research in Nagoya University (at least one year between 2nd and 4th year)
- Research at a laboratory in Adelaide
- Common Established Course (need to take the course between 1st and 2nd year of PhD)
- Research presentation

**Principal university**

Nagoya University

**Partner university**

University of Adelaide

Written in both Japanese and English
## Course

<table>
<thead>
<tr>
<th>Subject</th>
<th>Contents</th>
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<tbody>
<tr>
<td>Common established course</td>
<td>The International Joint Advanced Medical seminar, known as TOKURON, aims to build international research organization, strategies, and methods.</td>
</tr>
<tr>
<td>Group A</td>
<td>The Group A course is provided by Nagoya University. It offers advanced technological knowledge and creative research abilities. It is comprised of specialized field seminars and experimental work aligned with students’ fields.</td>
</tr>
<tr>
<td>Group B</td>
<td>The Group B course is provided by the University of Adelaide. It offers advanced technological knowledge and creative research abilities. It is comprised of specialized field seminars and experimental work aligned with students’ fields</td>
</tr>
</tbody>
</table>

### Annual curriculum

- Supervisor and Administrative Advisers (A.A.) are placed at both universities. They will be in regular contact to provide students with a successful academic life.
- A.A.’s tasks are to (1) familiarize themselves with research at both universities. It helps in guiding JDP candidates in choosing a suitable laboratory. (2) solve problems that might arise during the program. Problems includes day-to-day difficulties in research that may be related to foreign customs and cultural differences. An A.A. must suggest a research theme that is plausible despite the challenges of working between two different countries. (3) promote international collaborative research through student exchange. An A.A. strengthens research collaboration between the partner universities.

Candidates enroll as regular students in both universities.

- Candidates are screened by the Joint Examination Committee for Admission based on application, interview, and English ability.

**1st year:** JDP students consult with their A.A. about collaborative research. The A.A and supervisor suggest a feasible research theme and look for a host laboratory which allows students to continue their own research. During the 1st year, students do research at their principal university while taking specialized and common established courses.
- The target of common subjects is to teach strategies, methods and examples to establish international research organization. Common subjects must be completed between the 1st year and 3rd year.
- Seminars facilitated through TV conference systems
- Seminars by members of both universities and distinguished professors from outside universities

From the 2nd year to the first half of the 4th year: Students should stay at the partner university for more than 1 year and take specialized subjects and common subjects. (Students can choose the year in which they take the subjects.)

4th year: Students should carry out their research and write a thesis for a research presentation for their Ph.D. by the time they complete the course. After the thesis is accepted by an international peer-reviewed journal, a collaborative examination is held by a committee comprised of supervisors of both universities and examiners from outside universities.

Collaborative Examination Committee for awarding degrees

Collaborative Diploma

Organization Chart

International Collaborative Program in Comprehensive Medical Science between Nagoya University and the University of Adelaide

Nagoya Univ.
Dean

Office of International Affairs
- Administrative Advisor (A.A.) (Full-time)

Collaborative Management Committee
- 2 Deans
- 1 Department Head
- Several supervisors
- 2 Administrative Advisors

Supervisor

Collaborative Admissions Executive Committee

Collaborative Examination Committee for awarding degrees (Thesis examination)

Univ. Adelaide
Executive Dean

Office of International Affairs
- Administrative Advisor (A.A.)
Recruitment for International Collaborative Program in Comprehensive Medical Science

- Consulting with students who participate in clinical clerkships or summer school (research)
- Selecting from both universities to find students who are eager to be successful internationally
- Selecting from both universities to find students who have a strong will to be a pioneer in a new field
- Applicants should fulfill the eligibilities of both universities
- Joint examination of applications (language skill, basic academic achievement)
- Oral examination by several examiners through the Internet

Unique Education

- Providing education for strategies and methods, and setting an example to establish international research organization (Common seminar)
- Developing curriculum to make use of characteristics of both universities and mutually support each other
- Equipping students with international competencies to carry out programs in international research
- International students and Japanese students can exchange research and culture

International Research University

- Producing human resources that acquire various education and knowledge, promote international collaborative research, and contribute to development and quality of public welfare
- Excellent foreign researchers (faculties)
- Bridges between top universities
- Research networks among foreign faculties

Promote collaborative research

In the top 100 in the world rankings

Future Image of International Collaborative Education for Graduate School

Joint Degree Program

Secured education system with quality assurance

Exchanging research and culture between international and Japanese students