



Issue-based COIL (i-COIL) Project in School of Interdisciplinary Science and Innovation, Kyushu University, Japan (KU-ISI)





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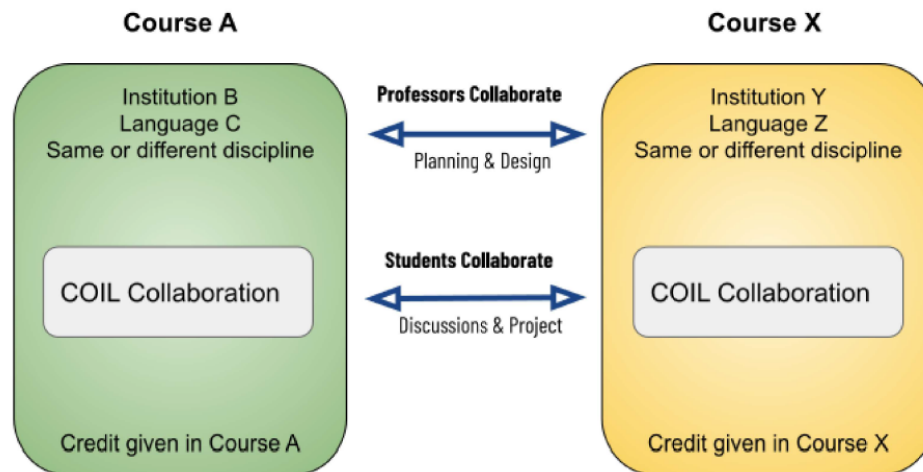
What is COIL?

- **Collaborative Online International Learning (COIL)**, developed by the State University of New York (SUNY) COIL Center, is an innovative educational method that uses online communication to enable both teaching and learn in between two or more countries.
- Through processes such as **the development of a joint syllabus between courses offered by overseas partner universities, faculty of overseas partner universities can cooperate with each other, and students from both countries can form teams to tackle common issues and engage in the project based learning.**
- Since SUNY's launch in 2004, the number of universities around the world that have incorporated COIL into their classes has increased.
- **COIL courses would serve potentially as a precursor to further overseas activities, preparing students for in-person overseas studies.** Simultaneously, it would give a pathway for institutions to develop more intensive collaborations, **effectively scaling up toward creating a joint set of courses, toward a degree program; a double or even a joint degree.**



Three Types of COIL

(Image of COIL) *From the website of SUNY COIL Center



◎Language- and culture-oriented COIL

- 1st year students, core education
- Learning to communicate and collaborate

◎Discipline-based COIL

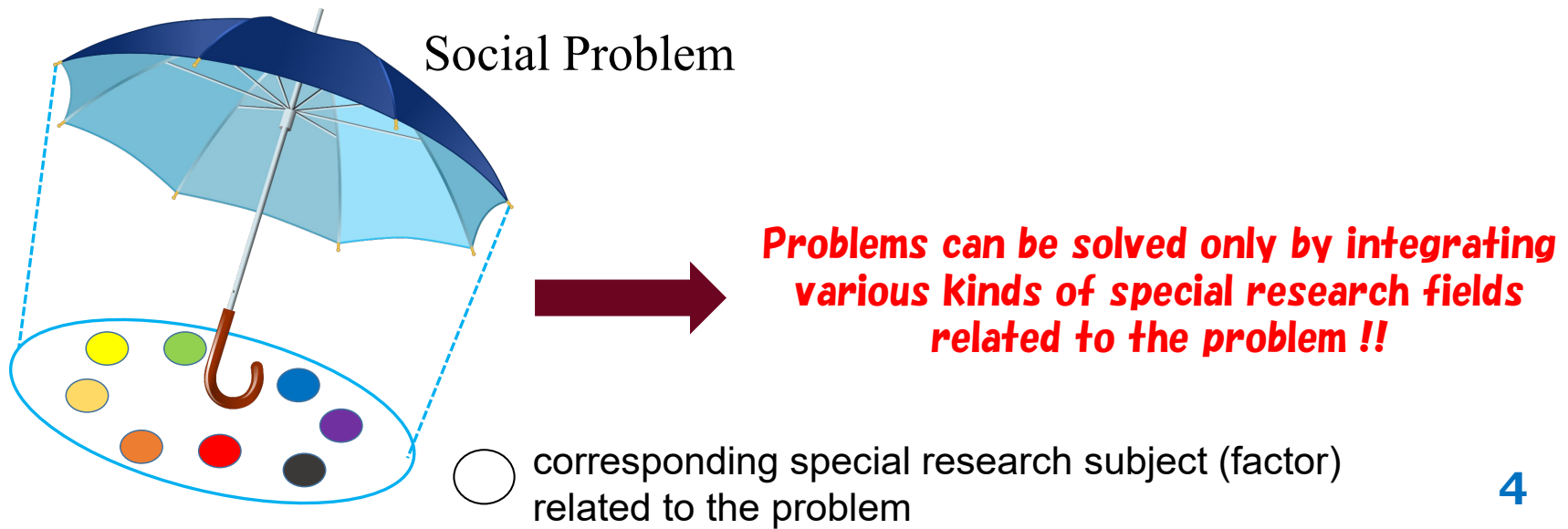
- Joint specialist courses with overseas partners
- Tailored to undergraduate/graduate programs

◎Issue-based COIL (i-COIL)

- Joint workshop-style courses with overseas partners
- Interdisciplinary, oriented to problem solving



- **Issue-based Collaborative Online International Learning (i-COIL)** is a project of School of Interdisciplinary Science and Innovation, Kyushu University, Japan (KU-ISI), which has been practicing issue-based education. Based on the basic form of COIL, the educational content is "issue-based COIL" based on education from setting complex social issues to proposing solutions, rather than discipline-based education for acquiring specialized knowledge and skills.
- Under the umbrella of i-COIL, the specific COIL education with various universities will be carried out.





In order to be recognized as an i-COIL project, the following conditions must be met.

- Use of ICT tools.
- In principle, the partner university must be an overseas partner university that has concluded some kind of agreement among universities.
- The language used must be a foreign language, including English, and the course must be taken by students from different cultures.
- This is a problem-solving education that leads students to propose solutions to complex social issues.
- To include collaboration among students.



① *i-COIL Intensive*

The basic pattern of i-COIL, in which the period of collaboration with the partner university as a COIL class is about several weeks, to introduce more collaborative learning. Used for short-term programs.

② *i-COIL Regular*

The COIL format will be introduced and implemented in all classes (8 classes during one quarter or 15 classes during one semester in total). It has the effect of introducing a new type of class, as an alternative or supplement to studying abroad.



Call for Application for Special Course with APU



-Online Collaborative Course(partially In-person)-

“Management of Natural Environment/環境とマネジメント” (2 credit)
 ~ Sustainable Management of Social-ecological Systems ~
 ISI Course - Area Advanced Courses 【Earth and Environment】

ISI and APU(Ritsumeikan Asia Pacific University) are going to launch brand-new collaborative course starting from October, 2021.

This course is focusing on the environmental problems from various perspectives. The course has group-work activities and final presentation session as well as several lectures. The instructors from two universities will take charge of the course ,and the students' group is composed of the mixture of ISI and APU students.

Prior to on-line course registration, you need to apply for pre-registration to ensure your attendance. The number of participants' seats is limited. Don't miss the opportunity!!

(Maximum participants ; 25 students for each university /Total 50)

Date & Time; Wednesday 18:20-20:00 (100min.), Fall semester

* Except for Introduction Session (Oct 2nd) and Final Presentation(Jan 22nd & 23rd)

Date	Session/ Module	Instructors (Click for Web Page)
Oct 2, Sat 14:20-16:00	【Introduction】 (On-line)	Instructors from both universities
Oct 6,13, 20, Wed (3 sessions)	【Module A】 ICT for Social-ecological Network	Prof.Nishantha(APU) , Prof.Konomi(KU)
Oct 27, Nov 10,17, Wed (3 sessions)	【Module B】 Management of Disasters and Migrations	Prof.GOMEZ(APU) , Prof.Yoshida(KU)
Dec 1, 8,15, Wed (3 sessions)	【Module C】 Business for Change: Social Entrepreneurship and Socio-ecological systems	Prof. Dimache(APU) , Prof. Kan(KU) , Prof. Fujioka(KU)
Dec 22, Jan 12, 19, Wed (3 sessions)	【Module D】 Biodiversity: Conservation and Interpretation	Prof. Bui(APU) , Prof. Araya(KU)
Jan 22, Sat	Preparation session (In-person or On-line)	
Jan 23, Sun	Final Presentation (In-person/Ito Campus or On-line)	



Case Study of Issue-based COIL-Regular

Course Schedule (Tentative) / 授業スケジュール(案)

#	Date / 日付	Session / 授業コマ	Description / 内容
1	Oct 2 nd	Introduction (In-person / Beppu, APU)	<ul style="list-style-type: none"> • Explanation of course perspectives • Pre-instructions for “issue-based” group works • Announcement of grouping allocation
2	Oct. 6 th	Module A-1 st (On-line)	<p>• In principal, main -body of 1st and 2nd session will be a lecture from instructor, of which content should be related on the designated theme of each module. They should include Q&A and group discussion.</p> <p>• 3rd session of each module is supposed to be group work session.</p> <p>• Group work to summarize and expanding ideas in each part, (and setting their own issues to be solved for final presentation)</p>
3	Oct. 13 th	Module A-2 nd (On-line)	
4	Oct. 20 th	Module A-3 rd (On-line)	
5	Oct. 27 th	Module B-1 st (On-line)	
6	Nov. 10 th	Module B-2 nd (On-line)	
7	Nov. 17 th	Module B-3 rd (On-line)	
8	Dec. 1 st	Module C-1 st (On-line)	
9	Dec. 8 th	Module C-2 nd (On-line)	
10	Dec. 15 th	Module C-3 rd (On-line)	
11	Dec. 22 nd	Module D-1 st (On-line)	
12	Jan. 12 th	Module D-2 nd (On-line)	
13	Jan. 19 th	Module D-3 rd (On-line)	
14	Jan. 22 nd ,	Preparation session (On-line or In-person)	• Group Works of preparation for final presentation
15	Jan. 23 rd Sun (Tentative)	Final Presentation (In-person / Ito Campus, KU)	<ul style="list-style-type: none"> • Making a presentation of 15 minutes • Closing



Course Structure / 科目構成

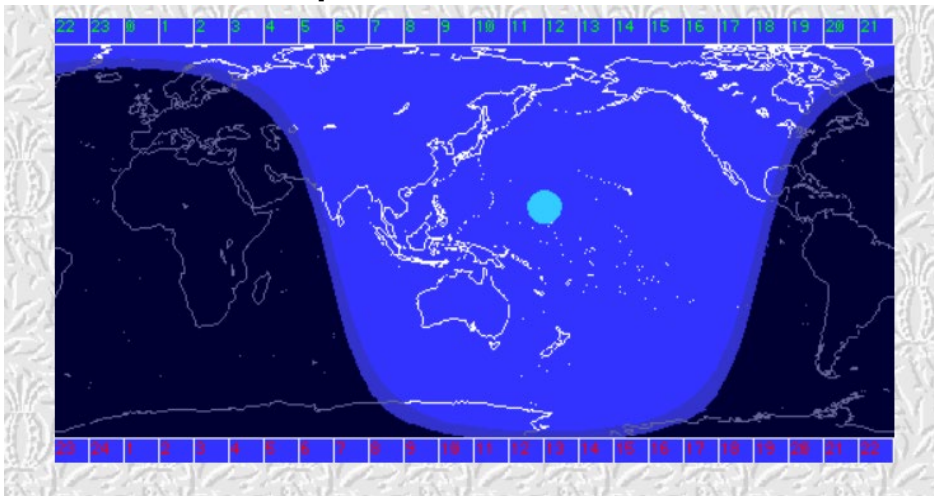
- The course will be basically held on Wednesday evenings on Fall Semester.
(18:20-20:00 (100min.) of Wed.)
The course consists of 15 sessions. (2 credits)
- The number of students will be 50 in total. (25 students from both universities)
- The students will be divided into 10 groups of 5. A group is a mix of APU and KU-ISI students.
- The 1st session will be introduction session as a course guidance, which all students are supposed to gather in-person at APU. (Oct 2nd (Sat))
- In the introduction, the course-goal for final presentation will be clearly stated , so that students can image processes toward their final presentations.
- The 2nd to 13th sessions are on-line classes, which will be divided into 4 modules.
- Each module will consist of lectures with Q&A and group discussion , and group work to summarize and expanding ideas in each module.
- In principal, main -body of 1st and 2nd session will be a lecture of instructor, of which content should be related on the designated theme of each module.Those session will include Q&A and group discussion. And 3rd session of each module is supposed to be group work session.
- The 14th session will be preparation session for final presentation. (22nd of January, 2022)
- In the 15th session, students will have final presentations, which will be held in-person at Ito-campus, KU. (23rd of January, 2022)
- The 1st session(introduction), and 15th(final presentation) session are going to be conducted In-person, but they should be switched to On -line in accordance with the COVID -19 situation in Fukuoka and Oita.
- In case the 1st session and 15th session are conducted in-person, hybrid mode should be arranged for those who will not be able to attend in-person. (Ex; instructors who could not make out their schedule, International student who is staying abroad)
- In final presentation, each group are supposed to make a presentation of approximately 15 minutes. The time length of final presentation session will be expanded more than 100 minutes
- The students who will take this course are supposed to be 2nd year students and above.



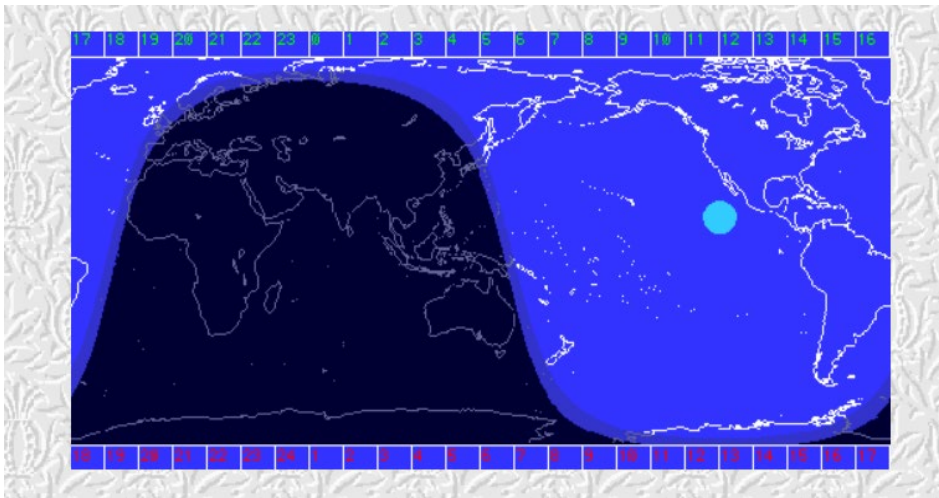
① Time Difference in the world

Day and Night in the World (summer at northern hemisphere)

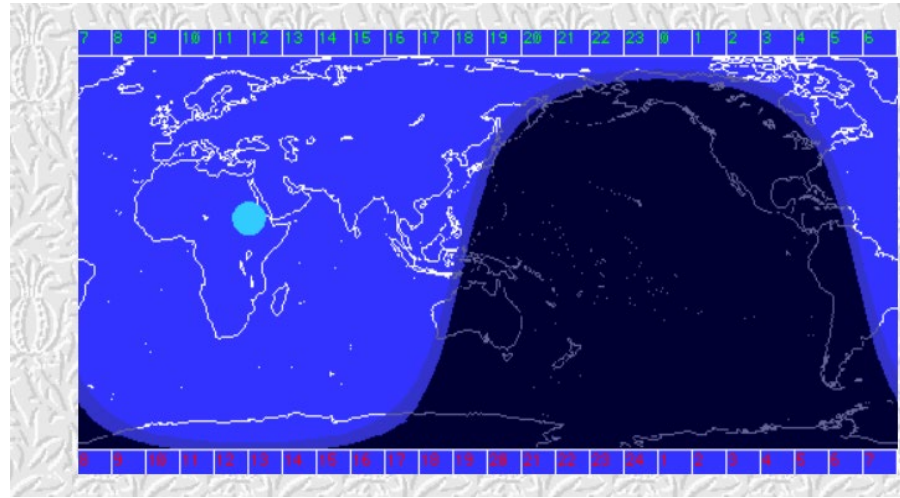
Japan 11:00



Japan 7:00



Japan 18:00



② Difference in Academic Calendar

Academic Calendar

Note) This is roughly general information obtained from the official websites and other sources. It is necessary to ask for more details during the actual negotiations, as there may be cases in which the calendar varies depending on departments or schools.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Kyushu U	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange
Seoul National U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Busan U of Foreign Studies	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Lingnan U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
U of Macau	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Taiwan Normal U (NTNU)	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
U of Taipei	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Taipei Medical U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Mahidol U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Chulalongkorn U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
KMUTT	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Hebrew U (HUJI)	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
U of Ghent	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
U of Glasgow	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Uof Southampton	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Northern Arizona U	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
U of Canberra	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green



③ Need for supporters of COIL programs

COIL: what's in an acronym?

Curriculum & Teaching
By PIET VAN HOVE

EAIE(European Association for International Education) blog & podcast

<https://www.eaie.org/blog/coil-acronym.html>



The biggest benefits from traditional mobility generally appear to be in attitudes, self-confidence, ability to adapt and ability to cooperate with different kinds of people. This is usually explained by the effect of being 'exposed' to different situations, contexts and people, and being 'forced' to adapt in order to achieve positive outcomes, in both academic and non-academic terms.



③ Need for supporters of COIL programs

*COIL is not a cheap or easy alternative to traditional mobility
– for it to flourish, solid institutional embeddedness,
recognition and support are required*

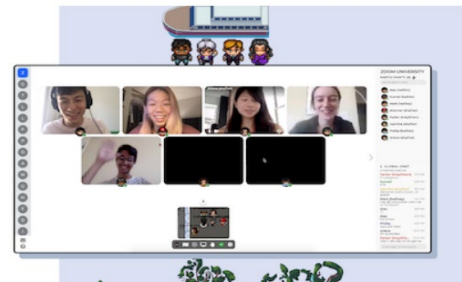
- Teachers will need intensive support from **specialised staff for educational methodology** (instructional designers, teaching and learning specialists).
- **Specialists in international offices** should support their faculty in setting up and managing the right international partnerships for their COIL modules.
- In order to avoid communication breakdowns and frustrations, **good technological support** must be available at all times.



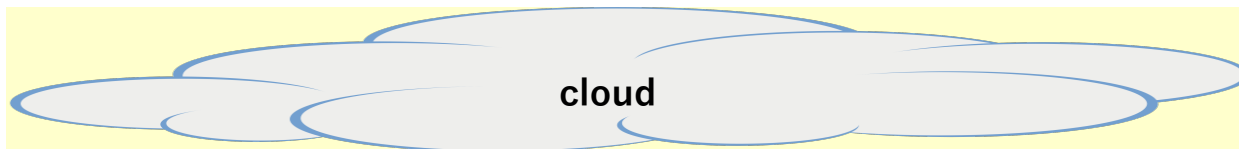
④ Need for ICT-supporters of effective COIL program



Zoom, Webex, ...
Breakout room
(Collaborative Study)



Gather Town,
Webex
(flexible collaborative Study)



Drone + 360 degree camera



Trail Camera for fixed point observation of wild animals



Free viewpoint video



Promoting student exchange
REAL & ONLINE



International environment
ON CAMPUS



Strengthen International Cooperation and experience!



Hub for young researchers



Kyushu University has more than 100 university-wide overseas exchange partners.

Expansion of overseas network

Join issue-based COIL (i-COIL) project in KU-ISI !

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