



# Study Abroad: Finland

Providing Digital Services  
to International Users

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# IU Global

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### William Helling

IUPUI - SCHOOL OF INFORMATICS AND COMPUTING

#### Course

Information Structures for the Web

#### International partner

Haaga-Helia University, Finland

An informal relationship already exists between IUPUI and Haaga-Helia University from previous collaborations between LIS courses and one conducted in Haaga-Helia's Business and Information Technology program. This relationship was formalized in Spring 2021 when Haaga-Helia became an international partner in an Indiana University Global Classroom initiative (<https://global.iu.edu/education/internationalization/classroom/>).

## **Program:**

# Providing Digital Services to International Users

"Providing Digital Services to International Users" will position students for success in an international environment by providing real-world collaboration activities with international students and institutions. Students who experience a world beyond that of their own university and homeland will benefit not only in their education but also in their personal development.

# Summary

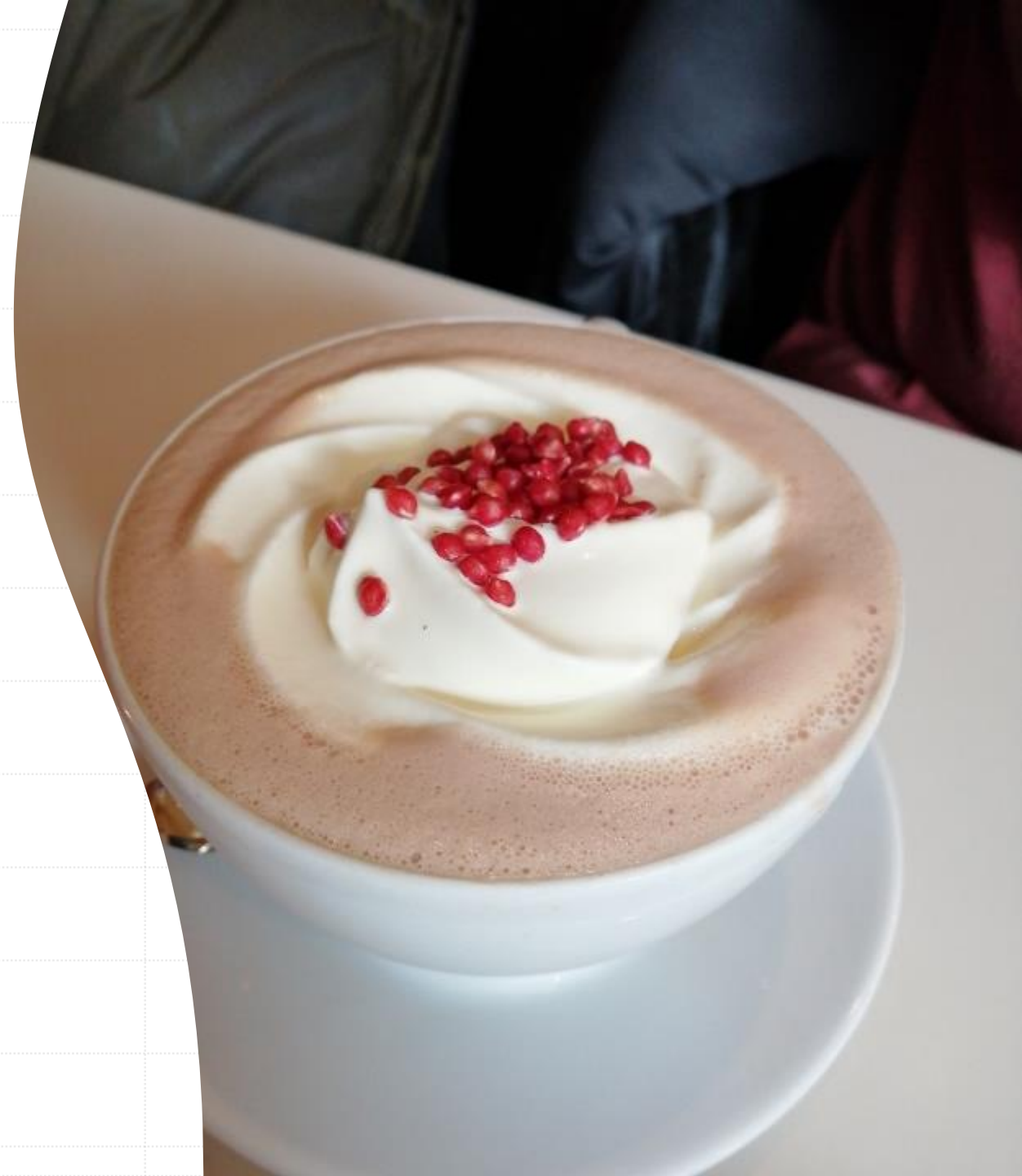
In the spring semester, students from the IUPUI campus will be partnered with students from the Haaga-Helia campus and take a course together via Canvas and other tools.

For students who wish to go abroad, part of spring semester will also be devoted to academic sessions in anticipation of the international travel.

In the first half of summer session 1, students will have the opportunity to reconvene in Helsinki to further collaborate with their partners at Haaga-Helia University.

The students' activities will be supplemented by field trips and site visits relevant to the class as well as to Finnish culture in general via visits to historic sites, museums, industries, and cultural events.

The last half of summer I students de-brief and wrap up.



# Our Partner

Our partner institution is Haaga-Helia University of Applied Sciences in Helsinki, Finland (<https://www.haaga-helia.fi/en>).

Haaga-Helia is Finland's second largest business polytechnics, supervised and accredited by the Finnish government through the Ministry of Education and Culture. The school's main campus is in Pasila, Helsinki, with others in Helsinki (Haaga, Malmi), in Porvoo, and in Vierumäki. Haaga-Helia has over 10,000 students and some 400 full-time teachers.

We will not need to use classroom facilities at the University, although that is an option. Most lectures will have been accomplished before arrival. On-site activities include meetings, class visits, and lectures.



# Who Will Participate?

This new proposal is not intended to supplant the existing SoIC study-abroad course or to compete with it. Instead, it offers an alternative study-abroad experience for SoIC that will appeal to a different set of students from other majors within the school, such as informatics and library and information science.

In order to attract both undergraduate and graduate students across SoIC, the proposed course will be offered in both a graduate and undergraduate section.

# Courses Involved

## Spring semester:

- INFO I400 (Topics in Informatics) -- 3 credits undergraduate
- LIS S531 (Information Structures for the Web) -- 3 credits graduate

## Spring semester -- completed in Summer 1:

- LIS S400 (Topics in Applied Data and Information Science) -- 3 credits undergraduate
- LIS S604 (Topics in Library and Information Science) -- 3 credits graduate

**Note:** All courses are offered online.

# Spring Semester

In spring semester, we offer these courses, which will be pre-reqs/co-reqs for the spring-summer courses:

- **INFO I400 (Topics in Informatics)**
- **LIS S531 (Information Structures for the Web)**

Students may take the spring semester courses (I400, S531) and ***not*** opt into the courses that continue into the summer session.

Students will still collaborate virtually with international partners.



# I400 and S531 Shared Outcomes

1. Produce standard HTML5 to create valid markup for a user interface
2. Design Cascading Style Sheets (CSS3) to give form and layout to a user interface
3. Implement responsive web design to satisfy all user devices
4. Compose markup that meets standard web usability requirements
5. Recognize and solve common issues in creating a digital service
6. Appraise international approaches to digital services
7. Create a usable, navigable, and accessible website with valid markup
8. Employ distance collaboration skills to produce a team-designed site

# Spring/Summer I semester

Any student who has taken (pre- or concurrently) I400/S531 or who has equivalent knowledge (e.g., NEWM N510) can take a course as part of a study-abroad program:

- **LIS S400 (Topics in Applied Data and Information Science)**
- **LIS S604 (Topics in Library and Information Science)**

Note: S400/S604 students will receive an Incomplete for these courses until their study-abroad component is completed in Summer 1.

# S400 Course Learning Outcomes

#	Outcomes	RBT
1	Connect to one or more communities of creators outside of the United States	3
2	Create design solutions that integrate foreign values and design methods	6
3	Create and collaborate on an interactive artifact with individuals outside of IU	6
4	Identify and describe new topical areas where technological skillsets can be applied	2
5	Gain exposure to, and practice of, one new media/interaction design technique	3
6	Gain exposure to, and practice of, one new technical skill (such as a new modeling software, or new web development technologies)	3
7	Demonstrate abilities to adapt their values and behavior based on international input	3
8	Participate meaningfully in a global environment via cross-cultural group collaboration	5
9	Explain how both skill set and views on how that skill set may be employed has changed based on this collaboration	2

Revised Bloom's Taxonomy: 1--Knowledge/Remembering, 2--Understanding, 3--Application, 4--Analysis, 5--Evaluation, 6--Creation, Synthesis

# S604 Course Learning Outcomes

#	Outcomes	RBT
1	Take part in at least one community of creators beyond the Indianapolis region	4
2	Create design solutions strengthened by different approaches and insight gained by the sharing of international context	6
3	Create and collaborate on an interactive artifact with individuals outside of IU	6
4	Assess a broadened view of where their skill set can be applied	5
5	Develop one new media/interaction design technique	6
6	Develop one new technical skill (such as a new modeling software, or new web development technologies)	6
7	Appraise abilities to adapt their values and behavior based on international input	5
8	Participate meaningfully in a global environment with cross-cultural collaboration	5
9	Analyze how their skill set has changed based on this collaboration	4

Revised Bloom's Taxonomy: 1--Knowledge/Remembering, 2--Understanding, 3--Application, 4--Analysis, 5--Evaluation, 6--Creation, Synthesis

# Grade Allocation S400, S604

<b>Assessments</b>	<b>Number</b>	<b>Percentages</b>
Reports	3	20%
Discussion	1 (in several parts)	10%
Personal journal	10	30%
Written reflection	1	15%
Presentation	1	15%
Participation	N/A	10%



# Study-Abroad Course Structure for S400, S604

The course structure is composed of three parts:

- pre-departure (spring semester)
- on-site (summer I: May 15-30)
- upon return (summer I: June 12-25)

# Spring pre-departure

<b>Week of</b>	<b>Academic Activity</b>	<b>Associated Learning Outcome</b>	<b>Contact hours</b>
Jan 10-16	Report 1 on intent of project	4	3
Feb 21-27	Report 2 on group roles	2	3
Mar 21-27	Discussion 1 on collaborative efforts	3	3
May 2-6	Report 3 on plans for post-arrival work	8	3
<b>Total academic contact hours:</b>			<b>12</b>



# On-Site Work

On-site work is not a new project but rather a continuation of on the collaboration that students had begun during the spring semester. IUPUI students will meet in person their collaborators and discuss their projects. Students will then conduct co-presentations of the finished work.

Because the spring semester will be spent in virtual collaboration, little time will be needed for academic orientation. In addition, the collaborative work should be already well established. More time can thus be spent on networking possibilities and relevant site visits, including industry and cultural institutions.



# On Site: week 1

Date (May)	Activity	Associated Learning Outcome	Details	Contact hours
16 (Mon)	Orientation		Students expected to be in Helsinki for start of class, orientation meeting.	3
17	Meet with HH collaborators, Personal journal #1	1, 4	Visit and work on Haaga-Helia campus with student collaborators.	3
18	Vierumäki campus, Personal journal #2	1, 4	Visit to Vierumäki campus, one of Haaga-Helia's branch campus.	3
19	Suomenlinna, Personal journal #3	2, 4	Visit to the historical island of Suomenlinna in Helsinki harbor.	4
20	Meet with HH collaborators, Personal journal #4	8, 4	Visit and presentation on Haaga-Helia campus with student collaborators.	3
21	Porvoo, Personal journal #5	1, 4	Visit to Porvoo, one of the six medieval towns in Finland Porvoo is considered historically and culturally significant -- one of the National landscapes of Finland.	8
22	Time off		Suggested visits to areas of sub-interests (e.g., LIS students to Helsinki main library, MAS students to game-design studio, etc.)	

# On Site: week 2

23	Assess first week's work, Personal journal #6	5	Group discussion and assessment of collaborative work.	2
24	Meet with HH collaborators, Presentation, Personal journal #7	3, 6	Presentations with Haaga-Helia collaborators on group work.	3
25	Design Museum, Personal journal #8	7	Visit to the Design Museum, devoted to the exhibition of Finnish and foreign design (including industrial, fashion, and graphic design areas).	3
26	Time off		Suggested visits for all to one of the additional design museums: Design Museum Arabia, Iittala, or Nuutajärvi.	
27	Ateneum Art Museum, Personal journal #9	7	Visit to part of the Finnish National Gallery for Finnish art from 18th-century to the experimental art movements of the 20th century.	3
28	Turku, Personal journal #10	7	Visit to Turku, the oldest city in Finland and original capital.	10
29 (Sun)	Time off		Suggested visit to Helsinki Museum of Technology.	
<b>Total contact hours:</b>				<b>44</b>
<b>Total academic contact hours:</b>				<b>20+</b>

# Summer I upon return

Week of	Activity	Associated Learning Outcome	Details	Contact hours
Jun 12-18	Session 1	8	Debrief, share memories, reflect on the study-abroad experience.	3
Jun 19-25	Session 2, Written reflection	9	Assemble all digital assets and consider how they might build on their international experiences in their future studies.	3
<b>Total academic contact hours:</b>				<b>6</b>

Note: IU courses traditionally involve 12.5 hours in a classroom setting per 1 credit hour and incorporate lab hours at a 50% value. Therefore, pedagogical time outside of a classroom setting (museum tours, meetings with local authorities, etc.) are factored in at a 2:1 ratio.

**TOTAL contact hours = 38**

# Syllabi Available

**Undergraduate** students will earn 3 credit hours in the following course:

- [LIS S400 \(Topics in Applied Data and Information Science\)](#)

**Graduate** students will earn 3 credit hours in the following course:

- [LIS S604 \(Topics in Library and Information Science\)](#)

# Budget

**The following budget is an estimate and is not meant to portray the exact cost of this program:**

- Program fee: \$930  
*(includes accommodation in shared room inclusive of breakfast, local transportation, local excursions)*
- Airfare: \$1,200
- Meals: \$200
- Medical Insurance: \$34
- Spending money: \$100-\$200
- Passport: \$145
- International study fee: \$89

*Trip Cancellation Insurance: Approx 10% of non-refundable program costs. This is optional, but highly recommended.*

**Total estimated cost: \$2,698-\$2,798 + [standard tuition and fees](#)**

Details:

[iAbroad](#) page

[original proposal](#)

made to OSAC  
(Overseas Study  
Advisory Council)



The screenshot shows the iAbroad website interface. At the top, there is a world map and the text "iAbroad online services for study abroad". Below this, the "Indiana University Programs" section is visible. A navigation bar includes "Search", "Program Information", "Costs and Financial Aid", "Inquire", and "Apply". The main content area features a program titled "Finland: Providing Digital Services to International Users" from the "IUPUI School of Informatics Indianapolis". The program description states: "This program will offer students the opportunity to collaborate with students at Haaga-Helia University of Applied Sciences in Helsinki, Finland. This course will begin in the spring semester and continue at our cooperating institution during summer session I. In the spring semester, students from the IUPUI campus will be partnered with students from the Haaga-Helia campus and follow the course together via Canvas and other tools." It further details that the online course in the spring semester will provide technological and conceptual knowledge in skills such as HTML, CSS, and information architecture, which will be practiced and refined in collaborative course projects. In the first half of summer session 1, students will reconvene in Helsinki to create a second iteration of their projects with their collaborators at Haaga-Helia University. It also notes that in Finland (not limited to Helsinki) the students' academic activities will be supplemented by field trips and site visits relevant to the class as well as to Finnish culture in general via visits to historic sites, museums, industries, and cultural events. A "Location Details" box lists: "The 2020 UN Report named Finland as the 'Happiest Country in the World'", "While the national language is Finnish, many people speak very good English.", and "There are more saunas in Finland than cars!". An "Upcoming Session Dates" box shows "Summer 2022" from "May 16, 2022 to May 30, 2022". A "Dates" section states "Travel to Finland will take place: May 16-30, 2022".

Questions?

Contact William Helling

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