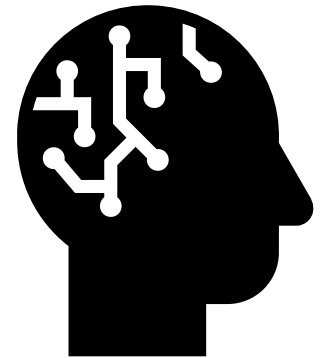


International Program for Human-centered AI Society

Promotion office for “International Program for HCAI”

April 2022



Human-centered AI Society

- AI technologies are increasingly important to solve real issues in our society.
 - E.g., Climate change, health care, aging society,...
- More AI experts are required
 - The experts should have skills to apply AI technologies for human society

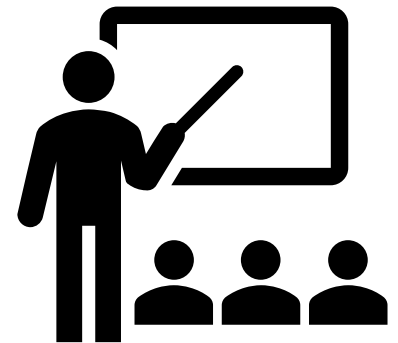


Program overview

- International program for human-centered AI society (HCAIP)
 - A non-degree program in the Degree Program in Computer Science, University of Tsukuba
- The program aims to foster technical experts who have abilities to develop and apply AI technologies for solving real issues in our society.
- Besides the knowledge and skills about AI and information technologies, students are also encouraged to study domain knowledge and ethics toward using AI for specific application fields.

Requirements to obtain the Master's Degree

- Basically, the requirements are **the same as the requirements of the Degree Program** in CS
 - Students need to take mandatory courses of the general program.
 - Students must submit the thesis and pass the final exam.
- Besides, you need to register "**Human-centered AI curriculum.**"



Human-centered AI curriculum

- The "Human-centered AI curriculum" is a non-degree program in the "computer science degree program."
- Enrollment
 1. Register the curriculum at the time of admission.
The registration procedure will be sent to all students.
 2. You will be certified if you earn sufficient credits for all the course groups by the end of your program.



Courses

- Course group 1 (Mandatory elective)
 - Earn 1 or more credits from

Degree program	Course	Credit	Note
CS	Human-centered AI A	1	English
CS	Human-centered AI B	1	English

These courses will be opened in 2023.

Courses

- Course group 2 (Elective: CS)
 - Earn 6 or more credits from

Degree program	Course	Credit	Note
CS	Data analysis	2	English
CS	Experiment Design in Computer Sciences	2	English
CS	Numerical simulation	2	English
CS	Basic computational biology	2	English
CS	Data engineering I	2	English
CS	Topics in computer science I	1	English

Courses

- Course group 3 (Elective: other than CS)
 - Earn 4 or more credits
 - Examples are below, **but not limited to them**

Degree program	Course	Credit	Note
PPS	Social simulation	2	
PPS	Spatial information science	2	
PPS	Wellness service science	1	
SE	Traffic service design	1	
RR	Seminar in soft computing	2	
RR	Theoretical environmental analysis	2	
IIT	Cybernetics	2	

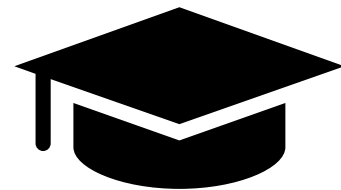
More

examples 

<https://www.cs.tsukuba.ac.jp/cs-p-curriculum/hcaip-en/>

Students awarded MEXT scholarship

- Be careful about your academic performance
 - Your performance is monitored, and the scholarship may be terminated in the case of underperformance.
- Extension of scholarship period
 - Your scholarship can be extended to the doctoral program.
 - Talk to your supervisor if you wish to continue to the doctoral program.



Questions

- Please contact if you have any questions regarding the program/curriculum for HCAI.

Promotion office for
the International Program for HCAI



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