

Joint ITU-IEICE-CTIF-GISFI Workshop on Education about Standardization

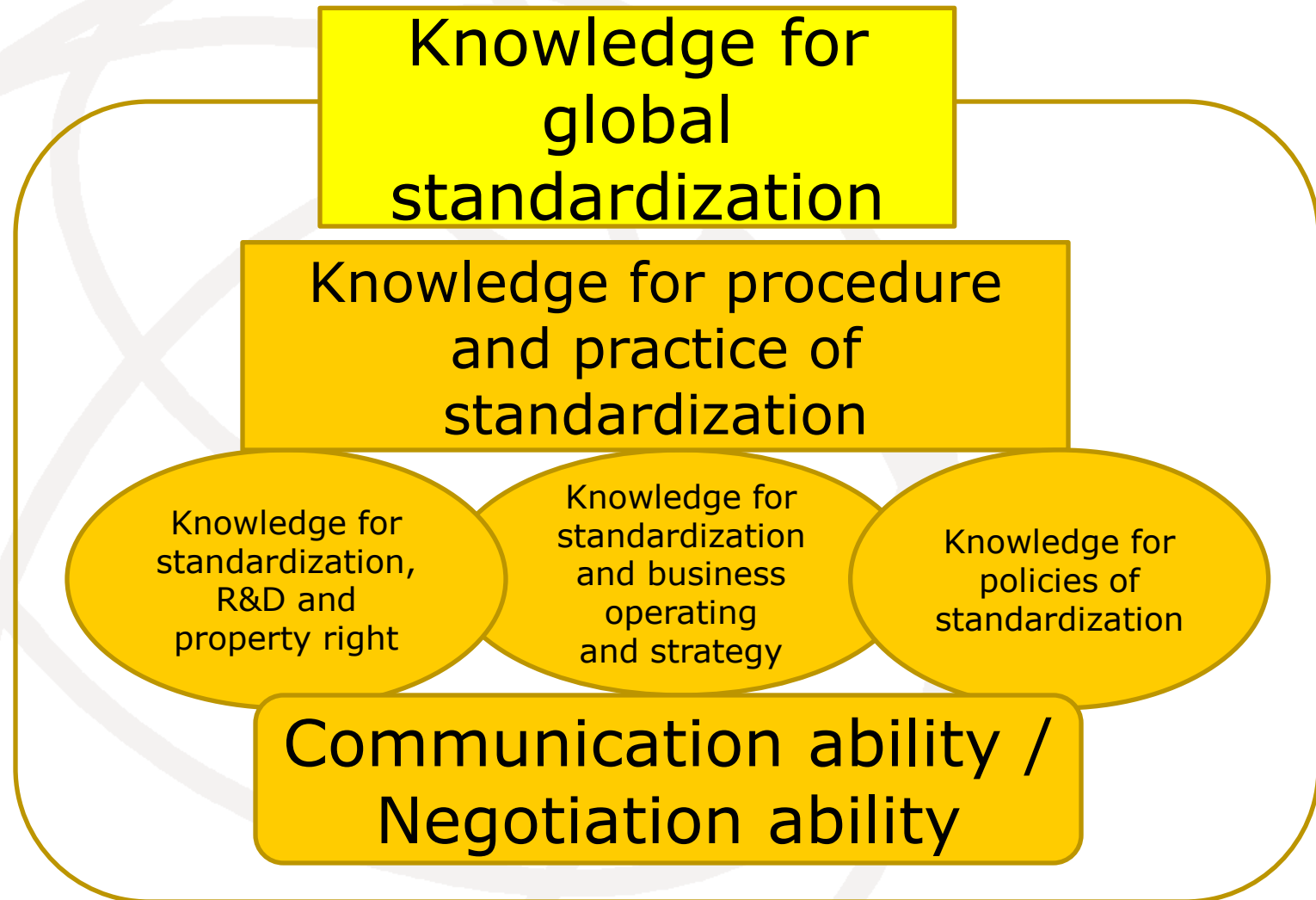
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Implementation of Education Program on Global standardization for University Students

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What standardization education should be



Purpose of the global standardization education

- (1) To give essential knowledge concerning global standardization**
- (2) To strengthen abilities necessary for making global standards**

Current Education on Global Standardization in Universities of Japan

Current education in universities mainly offers “knowledge” concerning procedures and methods for standards and intellectual property,

does not thoroughly offer “knowledge” concerning management & negotiation.

Design of Education Program on Global Standardization

1. Target : Graduate students
2. Objective for designing education program
Program to offer “knowledge concerning standardization” and “knowledge concerning negotiation and management”
3. Designing
 - 1)The 1st step : To decide “the lump of knowledge concerning global standardization” the program would offer
 - 2)The 2nd step : To decide several courses which are suitable for offering “the lump of knowledge concerning global standardization”

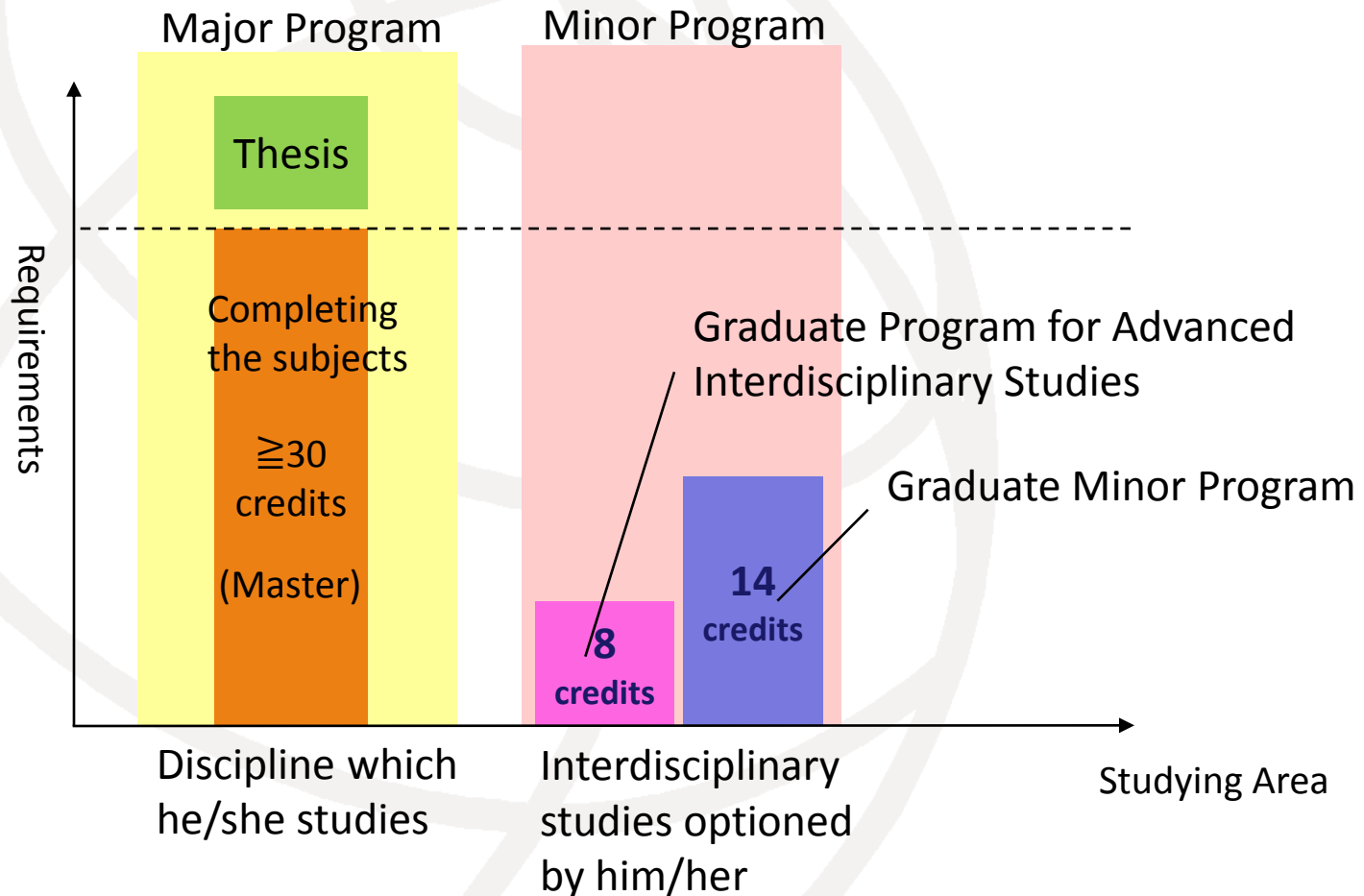
Global Standardization Program



Major & Minor Education System in Osaka University

Major Program is consisted of the required subjects by graduate school.

Minor Program is consisted of the selected subjects by sponsoring faculties.



Situation of Opening the Education Program of Global Standardization

- 1. Started in 2011 as a Graduate Minor Program to all the graduate students of Osaka University**
- 2. Students from schools of engineering, economics and humanities are learning.**
- 3. Situation of courses choice are different individually because studying is available at any time in school**

Graduate Student's Response for the Standardization Program

1. Questionnaire A: Acquired knowledge by learning the subjects
B: How to utilize the knowledge in their job carriers

2. Answers

To Questionnaire A: "meaning and importance of global standardization", "the situation to approach global standardization", "the process to global standardization", "the basic knowledge for global standardization actions" in order of the amount of the answer, "relation with global standardization and company management strategy", "the items for global standardization", "necessary qualities of individuals for global standardization activities" are also chosen as answers.

To Questionnaire B: "to plan and develop the products and services", "to utilize as one of the broad knowledge", "to utilize global standardization tasks" are chosen as answers.

3. The effect of the program

The educational contents are as well understood.

Conclusion

1. Design of an education program to produce human resources with lump of knowledge of global standardization has been proposed.
2. Through analysis of answers to the questionnaire to the graduate students studying the program, following results have been confirmed;
 - ① They obtained the primary knowledge concerning the activities for global standardization
 - ② They obtained the knowledge concerning the relationship between global standardization and management strategies
 - ③ They obtained the knowledge concerning the necessary qualification of individual to the activities for global standardization
 - ④ They recognized how to utilize the knowledge in their future carriers.
4. For the future, we should deepen our cooperation with domestic and overseas universities.