

## For Students enrollment in Academic Year 2015

# Registration Guidelines [Excerpted version]

## I . Common (Master's program and Doctoral program)

### I .-2. Registration system

#### 2. Academic Advisor (「履修案内」 P.1)

- (1) Notify your main academic advisor who is selected from teaching staff joined your division.
- (2) The Main Academic Advisor will determine 2 Sub-Academic Advisors and will guide the student with them.
- (3) About planning of research and course registration, selection of research theme and creation of thesis and portfolio, ask for the guidance and support of your Main Academic Advisor and Sub-Academic Advisors.
- (4) As a principle, student must take seminars offered by his/her Main Academic Advisor (except Y-GSA/Y-GSC).
- (5) Main Academic Advisor and Sub-Academic Advisors can be changed depending on the situation.

【Note】 "Academic Advisor" means both Main Academic Advisor and Sub-Academic Advisors in the following description.

#### 3. Period for completion of program(「履修案内」 P.1)

- (1) Standard period for completion of program is 2 years for the Master's Program and 3 years for the Doctoral Program.
- (2) Maximum available period of attendance at school (except period of temporary absence) is 4 years for the Master's Program and 6 years for the Doctoral Program.
- (3) Student whose period of attendance at school exceeds 1 year will be deemed as second year of Master's / Doctoral program.
- (4) About Short-term Completion System, See P.28.

#### 4. Registration of Courses (「履修案内」 P.1-2)

##### (1) About Course Registration

Student who is willing to register courses must submit registration planning sheet to the main academic advisor and get his/her approval before registration, and then register them on the Education Affairs Information System. The registration planning sheet must be submitted to Graduate School of Urban Innovation Section also. Student must submit the

registration planning sheet even if he/she does not have to register any courses.

Course registration of Graduate School of Urban Innovation can be done through PC. Access the Educational Affairs Information System on the WEB browser and input the timetable code of courses to be registered; in detail, see "Educational Affairs Information System Operation Guide".

## (2) Notes about course registration

- ① A student must register all of courses to be taken during the registration period of each Semester.
- ② A student cannot attend the class of course without its registration. And the registered courses cannot be changed basically.
- ③ More than two courses which timetable will conflict (even partially) cannot be registered.
- ④ A full-year course (offered through Spring and Fall Semesters) must be registered in both semesters; registration of only one semester is unavailable.
- ⑤ Once credits of a course have been earned, student cannot register the same course again.
- ⑥ About registration of courses for studying foreign languages, see "**IV.-3.-3. Foreign Language courses**".

## (3) Registration Cancellation

The registered course can be cancelled during the fixed cancellation period only. When cancelling any courses, get "Registration Cancellation Application form" from Graduate School of Urban Innovation Section, fill in it and submit it during the cancellation period. Detail information will be noticed in other way such as bulletin boards.

**【Note】** For the calculation of GPA, number of credits of the cancelled course are omitted. If a course is dropped after cancellation period, that course will be regarded as failure.

## (4) Examination period

- ① Examination period follows the as school year calendar.
- ② In principal, examination of each courses are carried out on the day/period of the class schedule.
- ③ Information about courses to be examined will be posted before starting of examination period.
- ④ Be careful about the following points while taking examination.

- a. Put the Student Card onto the desk during examination.
- b. Student who cheat on examination will be subjected to disciplinary action pursuant to the student code of the graduate school Article 24.

## 5. Academic Evaluations (「履修案内」 P.3)

Academic evaluations (scores) and GPs shall be given as follows:

Grade	Grade Points	Points	Pass/Fail
Superior(S)	4.5	100~90	Pass
Excellent(A)	4	89~80	
Good(B)	3	79~70	
Fair(C)	2	69~60	
Faling(F)	0	59~0	Fail

A student will be given GPs (Grade Points) according to their academic evaluation, and their GPA will be calculated based on the following fomula.

Calucation formula:

$$GPA = \frac{\sum (GPs \times \text{Number of credits})}{\text{Number of credits from all registered courses}}$$

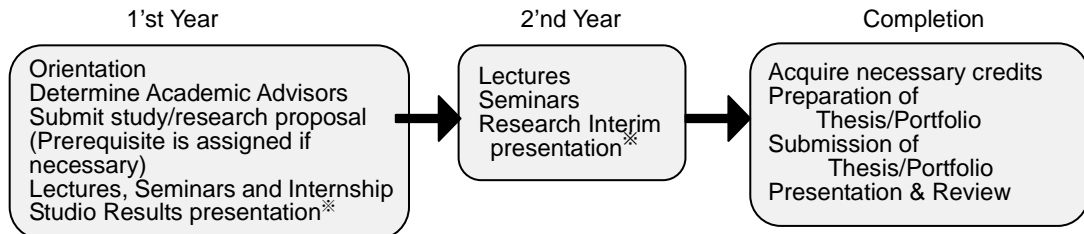
- An overall GPA of 2.0 or better is required for completion.
- Credit transferred from other institution without graging, prerequisites and foreign language subjects are excluded from the GPA calculation.
- If students fail a course, he/she may repeat same course.
- The courses that canceled registration are excluded from the GPA calculation.

## 6. Flowchart

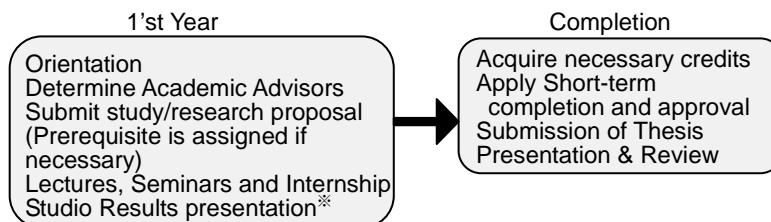
(1) Following charts show the basic flow of Master's/Doctoral program. Actually, there are some differences in the flow of each departments/courses, so be sure to confirm about each one's flow.

### 1. Master's Program

Standard Completion Course



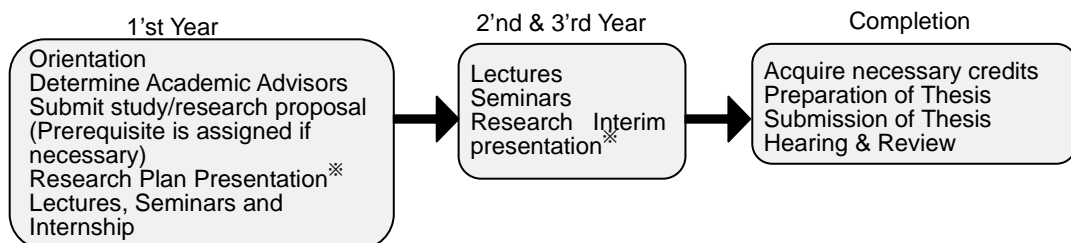
Short-term Completion Course



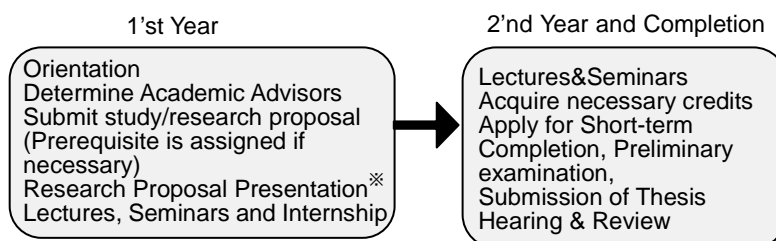
\*About actual implementation date, confirm in each department/course.

### 2. Doctoral Program

Standard Completion Course



Short-term Completion Course

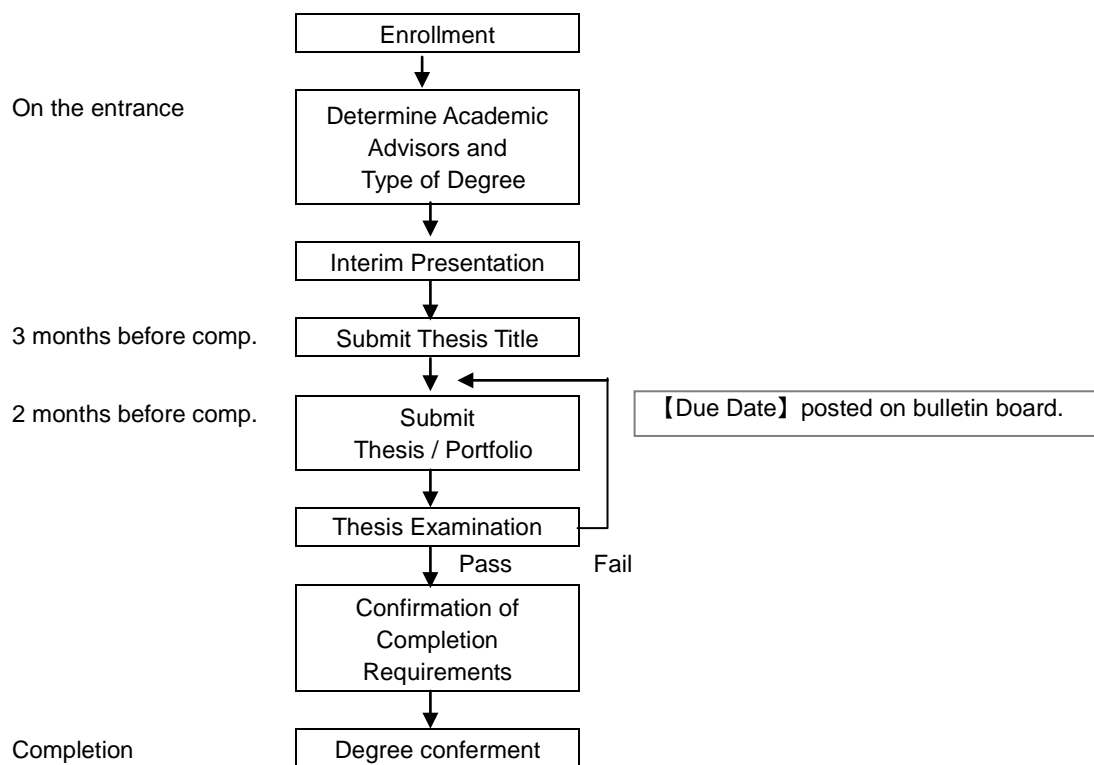


\*About actual implementation date, ask for each academic advisor.

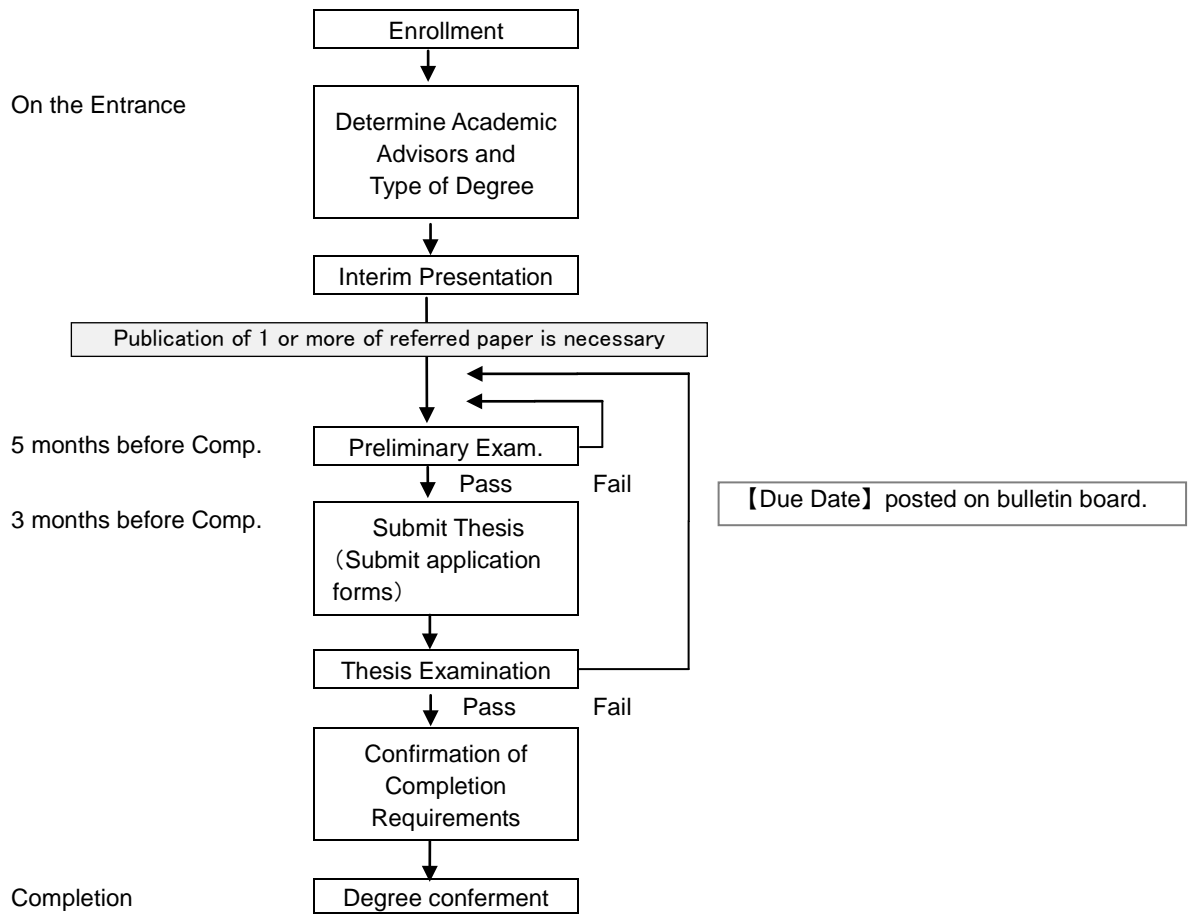
(2) Flow chart for acquiring Degree

Following flow charts show the procedure for acquiring degrees of Graduate School of Urban Innovation Master's/Doctoral Program. For detail information, confirm in each Department/Specialization.

① Master's Program



② Doctoral Program



\*Basically the thesis for taking degree must be written as sole authored or the first author of co-authored.

\*Irregular case such that announcement/publication period of thesis is carried over into the next year will be treated individually with consideration.

\*In Doctoral program, be sure to ask main academic advisor for the confirmation about detail information of requirement of preliminary examination.

## II . Completion Guideline (Master's program)

### II .-1. Completion Requirements

#### 1. Common Completion Requirement ( 「履修案内」 P.7)

With regard to the requirements for completion of a Master's Program,

- A student must be enrolled in the Program for more than two years (it shall be sufficient for a student who has achieved particularly superior research performance to be enrolled in the Graduate School for a minimum of one year).
- According to "II.-2. Registration Requirements", a student must obtain 30 or more credits.
- A student must satisfy the separately set standard of a Grade Point Average (GPA) of 2.0 or higher. (Refer to "I.-2.-5.Academic Evaluations").

Note: In addition to above, each specialization has its own completion requirements; be sure to confirm the following relevant requirements.

#### 2. Completion Requiems of each Specialization ( 「履修案内」 P.7)

##### ■ Specialization in Architecture and Urban Culture

- ① A student must satisfy above *Common Completion Requirement*.
- ② Thereafter, a student must pass the Master's degree examination on the student's master's thesis.

##### ■ Specialization in Infrastructure and Urban Society

- ① A Student must satisfy above *Common Completion Requirement*.
- ② Thereafter, a student must pass the Master's degree examination on the student's master's thesis.

##### ■ Specialization in Architecture (Y-GSA)

- ① A student must satisfy above *Common Completion Requirement*.
- ② Thereafter, a student must pass the Master's degree examination on the portfolio which brings togher outcomes of Studio courses. (About the definition of Y-GSA portfolio, refer to " II . -1. -3. Portfolio(1)Y-GSA" )
- ③ A student must get more than 10 credits from among Y-GSA minor program courses on P.8.

##### ■ Specialization in Culture (Y-GSC)

- ① A student must satisfy above *Common Completion Requirement*.
- ② Thereafter, a student must pass the Master's degree examination on the portfolio which brings tougher outcomes of Studio courses. (About the definition of Y-GSC portfolio, refer to " II . -1. -3. Portfolio(2)Y-GSC" )

### Specialization in International Infrastructure (IGSI)

- ① A student must satisfy above *Common Completion Requirement*.
- ② Thereafter, a student must pass the Master's degree examination on the student's master's thesis.

### ※**Y-GSA minor program** :

If a student joined Y-GSA earned more than 10 credits of the following courses in addition to 30 base credits, these credits are certified and the student can get the certification of completion of Y-GSA minor program. The certificate is given to the certified student and it is also recorded in the Official Transcript of Academic Achievement.

#### **Y-GSA minor program courses**

- Independent studio1~4  
On the request of administrative organs or private companies, student executes the project for making local communities.
- Y-GSA Workshop  
2 workshops are implemented during every summer vacation.
- Yokohama Architectural and Urban Studies S,F (Common Courses)
- Main Courses for Department of Architecture and Urban Culture  
See P.19 – 20. Courses on the pages with \* are applicable.
- Common Courses  
See P.17.

### **3. Portfolio (「履修案内」 P.8)**

#### **(1) Specialization in Architecture (Y-GSA)**

- ① A portfolio will be subject to the degree examination by review committee (consists of 1 main reviewer and 2 sub reviewers).
- ② A portfolio in architectural field means a booklet composed of collections of his/her own works and it is used when presenting his/her ability to create works. After passing the judgment of results of 4 mandatory studio courses in Y-GSA (one of them can be replaced with an Internship course) and their credits are earned, a portfolio can be made by composing those results into one consistent theory. Whenever he/she would like to enter any educational institute of architecture or architectural design firms in all over the world, he/she will be examined through one's portfolio. Portfolio created in the Master's program will be used when he/she will enter a high-level school or company.



## **(2) Specialization in Culture (Y-GSC)**

- ① A portfolio will be subject to the degree examination by review committee (consists of 1 main reviewer and 2 sub reviewers).
- ② A portfolio in Y-GSC can be composed by editing works/activities, which are the results of studio courses, from each student's unique perspectives and by integrating his/her studies. For examples, on the basis of results of *modern art studio*, a student can edit records of activities such as exhibition planning and management, interviews for writers, unique discussion about modern arts or record of work he/she created, and he/she can integrate them into one portfolio. In another way, on the basis of results of *Studio for Creating Paper Media*, a student can re-edit novels and critiques he/she made or booklet/web log created in the studio courses, and he/she can integrate them into one portfolio.

## **4. Evaluation Standard of Thesis and Portfolio (「履修案内」 P.9)**

### **【Thesis】**

- ① Appropriate theme for research is selected.
- ② Logical and creative research is evolved through appropriate way of research.

### **【Portfolio】**

#### **(1) Specialization in Architecture (Y-GSA)**

- ① Appropriate theme for research is selected.
- ② Logical and creative research is evolved through appropriate way of research.

#### **(2) Specialization in Culture (Y-GSC)**

- ① Appropriate theme for activities is selected.
- ② Creative activities are evolved through appropriate method.
- ③ Activities are fully positioned theoretically.

## II.-2. Registration Requirements

Numbers of courses/credits necessary for completion of Master's Program is as follow list. All of courses listed below are Master's Program courses. About explanation of each course, refer "II.-3. Type of Courses" on P.16.

### Registration Requirements List

#### (1) Department of Architecture and Urban Culture (「履修案内」 P.10)

		Credits Earned		
		Specialization in Architecture and Urban Culture	Studio type educational program	
			Specialization in Architecture (Y-GSA)	Specialization in Culture (Y-GSC)
Common courses		6 credits or more	6 credits or more	6 credits or more
Practical courses	Studios	} 4 credits mandatory	} 24 credits mandatory	} 8 credits mandatory
	Long-term Internships			
Main courses	Lectures	8 credits or more	—	12 credits or more
	Seminars	8 credits mandatory	—	—
Total Credits		26 credits	30 credits	26 credits
Other mandatory credit		4 credits or more from below • Common courses • Practical courses • Main courses	※10 credits or more from courses applicable to Y-GSA minor program	4 credits or more from below • Common courses • Practical courses • Main courses
Total Credits earned		30 credits or more	30 credits or more	30 credits or more
Thesis Examination		Master's Thesis	Portfolio	Portfolio

\*Be sure to confirm P.11-P.21 in detail information. Be careful that other courses not mentioned above list are not calculated as credits for completion of master's program, even if they are the courses hold in Graduate School of Urban Innovation. (Record of those courses will be used for GPA calculation, though.)

**(2) Department of Infrastructure and Urban Society(「履修案内」 P.11)**

		Credits Earned	
		Specialization in Infrastructure and Urban Society	Studio type educational program
			Specialization in International Infrastructure (IGSI)
Common courses		6 credits or more	6 credits or more
Practical courses	Studios	} 4 credits mandatory	8 credits mandatory
	Long-term Internships		
Main courses	Lectures	8 credits or more	8 credits or more
	Seminars	8 credits mandatory	8 credits mandatory
Total Credits		26	30
Other mandatory credit		4 credits or more from below <ul style="list-style-type: none"> <li>• Common courses</li> <li>• Practical courses</li> <li>• Main courses</li> </ul>	
Total Credits earned		30 credits or more	30 credits or more
Thesis Examination		Master's Thesis	Master's Thesis

※Be sure to confirm P.11-P.21 in detail information. Be careful that other courses not mentioned above list are not calculated as credits for completion of master's program, even if they are the courses hold in Graduate School of Urban Innovation. (Record of those courses will be used for GPA calculation, though.)

**1. Common Courses(「履修案内」 P.11)**

- (1) Mandatory for all of students, whichever department they join.
- (2) Select more that 3 courses and 6 credits or more from below list.

**Common Courses List**

- Building Structural Performance
- Geotechnical and Geo-environmental Engineering in Urban Area
- Green Building and Community Planning
- Yokohama Architectural and Urban Studies S
- Yokohama Architectural and Urban Studies F
- Urbanity and Arts
- Art and Culture
- Cross-border Societies and Region
- Regional and Cross-Cultural Studies
- Theory of Urban Living Environment
- Urban Management
- Urban Innovation and New Challenges I
- Urban Innovation and New Challenges II
- International aid policy debate

- Globalized Local Studies\*

\*Student who has willing to acquire the certificate of the minor program “Community Creative Subjects” must not calculate the courses included minor program as the credits for the completion of main department. About the minor program “Community Creative Subjects”, refer the separate guideline.

- (3) Specialization in International Infrastructure (IGSI): Select underlined courses in the list, which will be hold in English, for taking 3 courses and 6 credits.

## 2. Main Courses [Lectures] (「履修案内」 P.12)

- Specialization in Architecture and Urban Culture
- Specialization in Infrastructure and Urban Society
  - ① **Master of Engineering:**
    - 8 credits or more in total are mandatory.
    - Moreover, 4 credits or more of them have to be earned by the courses which are recognized for taking certification of Master of Engineering in your major department.
    - Other credits can be earned by all of Main Courses[Lectures] offered for Master's Program of Graduate School of Urban Innovation. (Courses of another department can be selected, also.)
  - ② **Master of Philosophy:**
    - 8 credits or more in total are mandatory.
    - Moreover, 4 credits or more of them have to be earned by courses which are recognized for taking certification of Master of Philosophy in your major department.
    - Other credits can be earned by all of Main Courses[Lectures] offered for Master's Program of Graduate School of Urban Innovation. (Courses of another department can be selected, also.)
- Specialization in Architecture (Y-GSA)
  - Earn 10 or more credits by Y-GSA minor program Courses (see P.8).
  - Independent Studio can be selected 2 credits a year, as a general rule.
- Specialization in Culture (Y-GSC)
  - Earn 12 credits or more in total.
  - Moreover, 12 credits or more of them have to be earned by courses which are recognized for taking certification of Master of Philosophy in *Department of Architecture and Urban Culture.*
  - Credits over 12 can be earned by all of Main Courses[Lectures] offered for Master's Program of Graduate School of Urban Innovation. (Courses of another department *Department of Infrastructure and Urban Society* can be selected, also.)

- Specialization in International Infrastructure (IGSI)
  - Earn 8 credits or more by selecting underlined courses in English.
  - Moreover, 4 credits or more of them have to be earned by courses which are recognized for taking certification of Master of Engineering and underlined in the list.
  - Ask for teaching stuff of the course in detail.

### 3. Main Courses [Seminars] (「履修案内」 P.13)

- Specialization in Architecture and Urban Culture
- Specialization in Infrastructure and Urban Society  
Earn 8 credits by seminars offered by your Academic Advisor.
- Specialization in Architecture (Y-GSA)  
n/a
- Specialization in Culture (Y-GSC)  
n/a
- Specialization in International Infrastructure (IGSI)  
Earn 8 credits by seminars offered by your Academic Advisor.

### 4. Practical Courses [Studios and Long-term Internships] (「履修案内」 P.13)

Note: Available Studios/Long-term Internships are different in each department. So be sure to confirm P.15 "**Practical Courses Requirements List**" in addition to the following notes. On taking these courses follow the instruction of academic advisors in each specialization.

- Specialization in Architecture and Urban Culture
- Specialization in Infrastructure and Urban Society
  - ① Acquire one from applicable 22 studio courses (1 semester). (4 credits are mandatory)
  - ② A long-term Internship course can be replaced with a studio course, but Internship and studio course cannot be taken in the same time.
- Specialization in Architecture (Y-GSA)
  - ① Acquire all of 4 applicable studio courses(1 semester) offered by different teaching staff in the same period.(24 credits are mandatory)
  - ② 2 Studio courses cannot be taken in the same semester.
  - ③ A long-term Internship course can be replaced with a studio course, but Internship and studio cannot be taken in the same time.
- Specialization in Culture (Y-GSC)
  - ① Acquire 2 from 8 applicable studio courses (1 semester). (8 credits are mandatory)

A studio courses offered by his/her academic advisor must be included the acquired courses.

- ② 2 studio courses cannot be taken in the same semester.
- ③ A long-term Internship course can be replaced with a studio course, but Internship and studio cannot be taken in the same time.

■ Specialization in International Infrastructure (IGSI)

- ① Acquire 4 from 8 applicable studio courses (1 semester).( 8 credits are mandatory)
- ② 2 studio courses cannot be taken in the same semester.

- ※ As a Long-term internship course is held through full-year, student who would like to take this course must register the course during the registration period in Spring Semester. If you would like to cancel the registration, apply the cancellation during the cancellation period in Fall Semester.
- ※ Registration of studio and long-term internship studio cannot be in the same time. Before registraton of these courses, ask for your academic advisor's consultaion, and take them systematically.
- ※ A standard long-term internship course (excluding Y-GSA internship) consists of about 135 hours of study time. Refere syllabus of each courses in detail.
- ※ A short-term internship course is one semester course, so it can be registered during registration period in Sparing/Fall semester. It can be registered with studio courses in the same semester. However, once this course is registered and acquired credits, it cannot be registered again.

## Practical Courses Requirements List(「履修案内」 P.14)

(Internship will be certified as one of Studio Courses. ○:available to take, — : unavailable)

	Course name	<ul style="list-style-type: none"> <li>Specialization in Architecture and Urban Culture</li> <li>Specialization in Infrastructure and Urban Society</li> </ul>	Specialization in Architecture (Y-GSA)	Specialization in Culture (Y-GSC)	Specialization in International Infrastructure (IGSI)
		1 or more from ◎ studio courses is mandatory	4 from ◎ studio courses are mandatory	2 or more from ◎ studio courses are mandatory	2 or more from ◎ studio courses are mandatory
Studios	Studio for Architectural Structural Engineering S, F	◎	○	○	—
	Studio for Architectural Theory S, F	◎	○	○	—
	Environmental Urban Design Studio S, F	◎	○	○	—
	Studio for Contemporary Art S, F	◎	○	◎	—
	Studio for Creating Paper Media S, F	◎	○	◎	—
	Sound Space Studio S, F	◎	○	◎	—
	Visual Art Studio S, F	◎	○	◎	—
	Design Studio for Next Generation Creative Environment	—	◎	—	—
	Design Studio for Next Generation Spatial Management	—	◎	—	—
	Design Studio for Urban Regeneration	—	◎	—	—
	Design Studio for Local Area Regeneration	—	◎	—	—
	Studio for infrastructure management S, F	◎	○	○	◎
	Studio for creative infrastructures S, F	◎	○	○	◎
	European and American Socio-Cultural Research Studio S, F	◎	○	○	—
Research Studio about Asia and Developing Countries S, F	◎	○	○	—	
Long-term Internships	Structural Design Internship	*A&UC◎	—	—	—
	Equipment Design Internship	*A&UC◎	—	—	—
	Architecture and Planning Internship	*A&UC◎	—	—	—
	Off-Campus Practice in Architecture (Y-GSA Internship program)	—	◎	—	—
	Internship (Urban Infrastructure)	*I&US◎	—	—	—
	Internship (Cross-Cultural Communication)	*I&US◎	—	—	—
	Internship (Urban Innovation and New Business)	◎	○	○	—
Short-term Internship	○	—	○	○	

\*A&UC : Specialization in Architecture and Urban Culture

\*I&US : Specialization in Infrastructure and Urban Society

## II.-3. Type of Courses

### 1. Courses Description(「履修案内」 P.15)

- Common Courses

Common courses across multiple fields are implemented for offering the education in which arts and science are integrated. These courses are required elective courses for Master's Program of both departments.

- Practical Courses

- Studios

Studio courses are small group seminars in which student practices projects based on real field under instructions of multiple teaching staff including practical experts. Studio means the place where teachers and students perform intensive works. Each studio course consists of 4 or 6 credits in 1 semester. A long-term internship (4 or 6 credits) is also acknowledged as a studio course.

- Internships

A Student who participates in internship in each field actually can earn 4 or 6 credits (in the case of short-term internship, 2 credits). There are several internship courses in both departments.

- Main Courses

- Lectures

Lectures for the specialized education.

- Seminars

Seminars for the specialized education.

- Prerequisites

These are courses, typically offered at the Bachelor's level and recommended by the student's main academic advisor, to fill in gaps in fundamentals. The student must take prerequisite courses judged by the main academic advisor as necessary for the student to fill in gaps in fundamentals.

Necessary courses to be enrolled (they are undergraduate specialized courses for students in Master's program) are guided to each student individually. Students who had been required to take prerequisite courses must earn credits of those courses in order to get the qualification for writing Master's thesis. Prerequisite courses are not calculated as the courses for completion requirement of Master's program.



## 1. Courses List(「履修案内」 P.16)

### (1) Common Courses

Schedule code	Course name	Year	Credits	
RC00001	Building Structural Performance	1~2	2	
RC00002	<u>Geotechnical and Geo-environmental Engineering in Urban</u>	1~2	2	
RC00051	Green Building and Community Planning	1~2	2	※ <sup>1</sup>
RC00022	Yokohama Architectural and Urban Studies S	1~2	2	
RC00023	Yokohama Architectural and Urban Studies F	1~2	2	
RC00052	Urbanity and Arts	1~2	2	
RC00053	Art and Culture	1~2	2	
RC00061	<u>Cross-border Societies and Region</u>	1~2	2	※ <sup>1</sup>
RC00055	Regional and Cross-Cultural Studies	1~2	2	
RC00041	Theory of Urban Living Environment	1~2	2	※ <sup>1</sup>
RC00042	Urban Management	1~2	2	
RC00058	Urban Innovation and Challenges I	1~2	2	
RC00059	Urban Innovation and Challenges II	1~2	2	
RC00057	<u>International aid policy debate</u>	1~2	2	
RC00060	Globalized Local Studies	1~2	2	※ <sup>2</sup>

※<sup>1</sup> Applicable to Main Courses(Lectures) of Minor Program « Community Creative Subjects ».

※<sup>2</sup> Applicable to Mandatory Coresubjects of Minor Program « Community Creative Subjects ».  
Refer the separated guidance 'Graduate School Sub-Department Program Social Creativity Registration Guide' published by Global-Local Education and Research Center about Graduate School Minor Program « Community Creative Subjects ».

### (2) Practical Courses (Both Departments)

		Schedule code	Course name	Year	Credits	
Studios	Spring	RPSJ201	Studio for Architectural Structural Engineering S	1~2	4	
	Fall	RPSJ202	Studio for Architectural Structural Engineering F	1~2	4	
	Spring	RPSJ203	Studio for Architectural Theory S	1~2	4	※ <sup>1</sup>
	Fall	RPSJ204	Studio for Architectural Theory F	1~2	4	※ <sup>1</sup>
	Spring	RPSJ205	Environmental Urban Design Studio S	1~2	4	※ <sup>1</sup>
	Fall	RPSJ206	Environmental Urban Design Studio F	1~2	4	※ <sup>1</sup>
	Spring	RPSJ207	Studio for Contemporary Art S	1~2	4	
	Fall	RPSJ208	Studio for Contemporary Art F	1~2	4	
	Spring	RPSJ209	Studio for Creating Paper Media S	1~2	4	
	Fall	RPSJ210	Studio for Creating Paper Media F	1~2	4	
	Spring	RPSJ211	Sound Space Studio S	1~2	4	
	Fall	RPSJ212	Sound Space Studio F	1~2	4	

		Schedule code	Course name	Year	Credits		
Studios	Spring	RPSJ213	Visual Art Studio S	1~2	4		
	Fall	RPSJ214	Visual Art Studio F	1~2	4		
	Spring	RPSJ121	Design Studio for Next Generation Creative Environment	1~2	6		
	Fall	RPSJ122					
	Spring	RPSJ123	Design Studio for Next Generation Spatial Management	1~2	6		
	Fall	RPSJ124					
	Spring	RPSJ125	Design Studio for Urban Regeneration	1~2	6		
	Fall	RPSJ126					
	Spring	RPSJ127	Design Studio for Local Area Regeneration	1~2	6		
	Fall	RPSJ128					
	Spring	RPSJ215	Studio for infrastructure management S	1~2	4		
	Fall	RPSJ216	Studio for infrastructure management F	1~2	4		
	Spring	RPSJ217	Studio for creative infrastructures S	1~2	4	※ <sup>1</sup>	
	Fall	RPSJ218	Studio for creative infrastructures F	1~2	4	※ <sup>1</sup>	
	Spring	RPSJ219	European and American Socio-Cultural Research Studio S	1~2	4		
	Fall	RPSJ220	European and American Socio-Cultural Research Studio F	1~2	4		
	Spring	RPSJ221	Research Studio about Asia and Developing Countries S	1~2	4		
	Fall	RPSJ222	Research Studio about Asia and Developing Countries F	1~2	4		
Internships	Longt-term Internship	RPIJ001		Structural Design Internship	1~2	4	
		RPIJ011		Equipment Design Internship	1~2	4	
		RPIJ021		Architecture and Planning Internship	1~2	4	
		Spring	RPIJ121	Off-Campus Practice in Architecture (Y-GSA Internship program)	1~2	6	
		Fall	RPIJ122				
		RPIJ002		Internship (Urban Infrastructure)	1~2	4	
		RPIJ031		Internship (Cross-Cultural Communication)	1~2	4	
		RPIJ041		Internship (Urban Innovation and New Business)	1~2	4	
	Short-term Internship	Spring	RPIJ051	Short-term Internship	1~2	2	
		Fall	RPIJ052		1~2	2	

※<sup>1</sup> Applicable to Seminars of Minor program « Community Creative Subjects ». Refer the separated guidance about Graduate School Minor Program« Community Creative Subjects ».

### (3) Main Courses

#### a. Department of Architecture and Urban Culture

		Schedule code	Course name	Year	Credits		
Lectures	Master of Engineering	RA00002	Theory of Astigmatic Design of Buildings*	1~2	2		
		RA00003	Seismic Improvement Theory of Existing Buildings*	1~2	2		
		RA00004	Elasto-Plastic Analysis of Structure*	1~2	2		
		RA00005	Dynamic behavior of building structures*	1~2	2		
		RA00006	Structural Design of Spatial Structures*	1~2	2		
		RA00007	Architectural Thermal Environment*	1~2	2		
		RA00008	Ecological Design Method for Architectural Environment*	1~2	2		
		RA00009	Theory of Regional and Urban Environmental Management*	1~2	2	※ <sup>1</sup>	
		RA00010	Theory of District Energy Conservation System Planning *	1~2	2		
		RA00011	Environment-Behavior Study *	1~2	2		
		RA00012	Planning Theory of Sustainable Housing and Communities*	1~2	2	※ <sup>1</sup>	
		RA00013	Approaches for Extending the Life of Built Environment*	1~2	2		
		RA00014	Theory and History of European Architecture and Modern Architecture*	1~2	2		
		RA00015	Advanced Theory of Architectural History and Preservation in Japan*	1~2	2		
		RA00018	Theory of Urban Built Environment Planning*	1~2	2		
		RA00019	Theory of Urban Design*	1~2	2		
		RA00023	Introduction to Area Analysis using GIS*	1~2	2	※ <sup>1</sup>	
		RA00024	Environmental Psychology*	1~2	2		
		RA00025	Foundation Engineering*	1~2	2		
		RA00026	Japanese and Oriental Fine Arts*	1~2	2		
		Master of Philosophy	RA00205	Urban Art A	1~2	2	
			RA00206	Urban Art B	1~2	2	
			RA00207	Moving Image Theory A	1~2	2	
			RA00208	Moving Image Theory B	1~2	2	
			RA00209	Contemporary Culture	1~2	2	
			RA00210	Literature and Culture	1~2	2	
	RA00211		Music and Culture	1~2	2		
	RA00212		Sound Culture	1~2	2		
	RA00213		Workshop of Urban Art & Culture S	1~2	2		
	RA00214	Workshop of Urban Art & Culture F	1~2	2			

		Schedule code	Course name	Year	Credits		
Lectures	Others	RA00017	Modern Art Theory*	1~2	2		
		RA00027	Independent Studio 1 *	1	2		
		RA00028	Independent Studio 2*	1	2		
		RA00029	Independent Studio 3*	2	2		
		RA00030	Independent Studio 4*	2	2		
		Spring	RA00031	Y-GSA Workshop*	1~2	2	
		Fall	RA00032				
Seminars	Seminars	RAE0001	Seminar of Architecture and Urban Culture IS	1	2		
		RAE0002	Seminar of Architecture and Urban Culture IF	1	2		
		RAE0003	Seminar of Architecture and Urban Culture II	2	2		
		RAE0004	Seminar of Architecture and Urban Culture II	2	2		

※1 Applicable to Lectures of Minor program « Community Creative Subjects ». Refer the separated guidance about Graduate School Minor Program « Community Creative Subjects »

#### b. Department of Infrastructure and Urban Society

		Schedule code	Course name	Year	Credits	
Lectures	Master of Engineering	RB00001	<u>Theory for infrastructure safety design</u>	1~2	2	
		RB00002	<u>Infrastructure-Environment Interaction</u>	1~2	2	
		RB00003	<u>Seismic and durability design</u>	1~2	2	
		RB00004	<u>Theory of Geotechnical Design</u>	1~2	2	
		RB00006	<u>Advanced Theory of Disaster Prevention System Design</u>	1~2	2	
		RB00025	<u>Engineering structural dynamics</u>	1~2	2	
		RB00008	<u>Environmental processes in inland and coastal waters</u>	1~2	2	
		RB00009	<u>Water Disaster Prevention Engineering</u>	1~2	2	
		RB00012	<u>Transportation Planning</u>	1~2	2	
		RB00013	<u>Maintenance and Management of Infrastructure</u>	1~2	2	
		RB00015	<u>Urban infrastructure policies</u>	1~2	2	
		RB00026	Elastoplastic theory of geomaterials and continuum mechanics	1~2	2	
		RB00020	Advanced Concrete Engineering	1~2	2	
		RB00021	Geo-environmental Engineering	1~2	2	
		RB00023	Urban water circulation	1~2	2	
RB00024	International Infrastructure Project Study	1~2	2			

	Schedule code	Course name	履修年	Credits		
Lectures	Master of Philosophy	RB00214	<u>Theory of Regional Planning</u>	1~2	2	※ <sup>1</sup>
		RB00203	Theory of Inter-Cultural Communication	1~2	2	
		RB00204	Theory of Development Processes in Developing Countries	1~2	2	※ <sup>1</sup>
		RB00205	Theory of Contemporary Social Culture A	1~2	2	
		RB00206	Theory of Contemporary Social Culture B	1~2	2	
		RB00209	Global City Theories	1~2	2	
		RB00211	Asian Social Studies	1~2	2	
		RB00212	Public Policy A	1~2	2	
		RB00213	Public Policy B	1~2	2	
Seminars	Seminars	RBE0001	<u>Seminar on Urban and Regional Studies IS</u>	1	2	
		RBE0002	<u>Seminar on Urban and Regional Studies IF</u>	1	2	
		RBE0003	<u>Seminar on Urban and Regional Studies IIS</u>	2	2	
		RBE0004	<u>Seminar on Urban and Regional Studies IIF</u>	2	2	

※<sup>1</sup> Applicable to Lectures of Minor program « Community Creative Subjects ». Refer the separated guidance about Graduate School Minor Program« Community Creative Subjects ».

### III . Completion Guideline (Doctoral program)

#### III.-1. Completion Requirements

##### 1. Department of Urban Innovation Completion Requirements (「履修案内」 P.21)

With regard to the requirements for completion of a Doctoral Program,

- A student must be enrolled in the Program for more than three years. (Student who has achieved especially excellent results and recognized that he/she meets the standard of short-term completion; he/she can complete the program by 3 year of research period (including Master's Program). If he/she had stayed in master's program for 2 years or more and got master's degree, 2 years of that program is included in the 3 years of short-term completion. Research period in other graduate school is also included in this period. When a student had completed Master's Program along short-term completion system and enter the Doctoral Program, if he/she has achieved especially excellent results and recognized to meet the standard of short-term completion, he/she can complete the program by 3 year of research period (including Master's Program). (Research period in other graduate school is also included in this period.)
- According to “III . -2. Registration Requirements”, a student must obtain 20 or more credits.
- A student passes a doctoral dissertation examination as well as a final exam.
- A student must satisfy the separately set standard of a Grade Point Average (GPA) of 2.0 or higher. (Refer to “I.-2.-5.Academic Evaluations”).

##### 2. Evaluation point of Doctoral thesis (「履修案内」 P.21)

- ① An appropriate theme of research is selected.
- ② Logical and original discussion in research is evolved with the appropriate research method.
- ③ Thesis reaches high level enough to be able to contribute the development of research in the applicable field adequately.

### III.-2. Registration Requirements

#### Urban Innovation Doctoral Program Registration Rule List(「履修案内」 P.22)

Courses	Credits	
Practical Courses	6 credits Mandatory	Acquire both of practical courses ([Off-Campus Practice in Urban Innovation I ], [Off-Campus Practice in Urban Innovation II ]). [Off-Campus Practice in Urban Innovation I ] and [Off-Campus Practice in Urban Innovation II ] must be acquired in order.
Advanced Courses	6 credits or more	Acquire 6 credits or more in total. ①Doctor of Engineering or Doctor of Philosophy(in Engineering) : <u>Acquire 4 credits or more</u> of Doctor of Engineering (Doctor of Doctor of Philosophy (in Engineering)) Advanced Courses (marked □). <u>(※Students who join any Engineering lab. and will acquire Doctor of Philosophy must follow the same rule.)</u> ②Doctor of Philosophy : <u>Acquire 4 credits or more</u> of Doctor of Philosophy Advanced Courses (marked ■). ③Remaining credits : All of advanced courses offered for Urban Innovation Doctoral Program are applicable.
Advanced Research Training	8 credits or more are Mandatory	<ul style="list-style-type: none"> <li>• Register in all of semesters including completion year and acquire 8 credits or more.</li> <li>• A course is 2 credits and its period is 1 semester, and the same course can be registered in multiple semester/year.</li> <li>• As a general rule, main academic advisor's course must be acquired.</li> <li>• When taking Short-term Completion System, student can take this course offered by other teaching staff than his/her main academic advisor .</li> </ul>
Total Credits earned	20 credits or more	

### III.-3. Type of Courses

#### 1. Courses Description (「履修案内」 P.23)

- Practical Courses

Off-Campus Practice in Urban Innovation I

Off-Campus Practice in Urban Innovation II

By archiving various practical activities in order to discuss, complement and develop each one's research theme in real world, students can earn credits.

- Various activities can be object of this course, such as overseas institution training, enterprise training, volunteer at NPO, activities planning business, applying for design competition, social entrepreneurial activity, art&culture creation activity, community activity, Japanese language education support, educational research, social research & analysis, archive improvement, database construction, transmission of research results to the society, and so on. However, selection of activity must be decided along each student's theme of research, in accordance with the guidance of his/her main academic advisor.
- *Off-Campus Practice in Urban Innovation I* and *Off-Campus Practice in Urban Innovation II* also have to be determined as the same manner as above, and the contents of activities can be changed if necessary.
- Activity planning will be built under the guidance of main academic advisor, but after starting activities student can receive other advisors' guidance depending on the situation of activity.

- Advanced Courses

In order to acquire the forefront knowledge concerned with cities and clarify the position of each person's research theme, student must take more than 3 of advanced courses offered by the teaching staff of Doctoral Program as a completion requirement.

- Advanced Research Training

Thesis research guidance course.

- Prerequisites

These are courses, typically offered at the Master's level (Common courses and Main courses) and recommended by the student's main academic advisor, to fill in gaps in fundamentals. The student must take prerequisite courses judged by the his/her main academic advisor as necessary for the student to fill in gaps in fundamentals.

Necessary courses to be enrolled (they are Master's level courses except Practical Courses for students in Doctoral program) are guided to each student individually.

Students who had been required to take prerequisite courses must earn credits of those courses in order to get the qualification for writing Doctoral thesis. Prerequisite



courses are not calculated as the courses for completion requirement of Doctoral program.

## 2. Courses List (「履修案内」 P.24)

	Schedule code	Course name	Year	Credits
Practice courses	WAPJ004	Off-Campus Practice in Urban Innovation I	1~3	3
	WAPJ005			
	WAPJ006	Off-Campus Practice in Urban Innovation II	1~3	3
	WAPJ007			
Advanced courses	WAT0001	Advanced Theory of Aseismatic Design of Buildings □	1~3	2
	WAT0002	Advanced Seismic Improvement Theory of Existing Buildings □	1~3	2
	WAT0003	Advanced Elasto-Plastic Analysis of Structure □	1~3	2
	WAT0004	Advanced Dynamic behavior of building structures □	1~3	2
	WAT0005	Advanced Structural Design of Spatial Structures □	1~3	2
	WAT0006	Advanced Architectural Thermal Environment □	1~3	2
	WAT0007	Advanced Ecological Design Method for Architectural Environment □	1~3	2
	WAT0008	Advanced Theory of Regional and Urban Environmental Planning □	1~3	2
	WAT0009	Advanced Theory of District Energy Conservation System Planning □	1~3	2
	WAT0010	Advanced Study of Environment-Behaviour □	1~3	2
	WAT0011	Advanced Planning Theory of Sustainable Housing and Communities □	1~3	2
	WAT0012	Advanced Theory of Architectural History and Preservation in Japan □	1~3	2
	WAT0013	Advanced Theory of Urban Built Environment Planning □	1~3	2
	WAT0014	Advanced Theory of Architectural Design □	1~3	2
	WAT0015	Advanced Theory of Urban Design □	1~3	2
	WAT0101	Advanced Theory of Infrastructure Safety Design □	1~3	2
	WAT0102	Advanced Theory of Infrastructure-Environment Interaction □	1~3	2
	WAT0103	Advanced theory of seismic and durability design □	1~3	2
	WAT0104	Advanced Theory of Geotechnical Design □	1~3	2
	WAT0105	Advanced Theory of Disaster Prevention System □	1~3	2
	WAT0113	Advanced engineering structural dynamics □	1~3	2
	WAT0107	Advanced Theory of environmental processes in inland and coastal waters □	1~3	2
	WAT0108	Advanced Theory of Water Disaster Prevention Engineering □	1~3	2
	WAT0109	Advanced Theory of Geosphere □	1~3	2
WAT0110	Advanced Theory of Transport Planning □	1~3	2	
WAT0111	Advanced Theory of Urban infrastructure policies □	1~3	2	
WAT0112	Advanced Theory of Urban Geoenvironmental Engineering □	1~3	2	

	Schedule code	Course name	Year	Credits
Advanced courses	WAT0201	Special Lecture on Urban Sound Space <sup>■</sup>	1~3	2
	WAT0202	Special Lecture on Urban Arts <sup>■</sup>	1~3	2
	WAT0203	Special Lecture on Images <sup>■</sup>	1~3	2
	WAT0204	Special Lecture on Urban Arts B <sup>■</sup>	1~3	2
	WAT0205	Special Lecture on Literature and Culture <sup>■</sup>	1~3	2
	WAT0301	Advanced Theory of international aid policy <sup>■</sup>	1~3	2
	WAT0307	Advanced Theory of Regional Planning <sup>■</sup>	1~3	2
	WAT0303	Advanced Seminar Work on Asian Socio-cultural Studies <sup>■</sup>	1~3	2
	WAT0304	Advanced Seminar Work on Asian Society and Economics <sup>■</sup>	1~3	2
	WAT0308	Advanced Theory of Governance in Comparative Perspectives <sup>■</sup>	1~3	2
	WAT0306	Advanced Theory of Urban Policy <sup>■</sup>	1~3	2
	WAT0309	Advanced Theory of Development Processes in Developing Countries <sup>■</sup>	1~3	2
	WAT0310	Advanced History of Modern World <sup>■</sup>	1~3	2
	WAT0311	Advanced Theory on European Political-cultural History <sup>■</sup>	1~3	2
Advanced Research Training	WARE002	Advanced Research Training	1~3	2
	WARE003			

### IV.-3. Study in the Graduate School of Urban Innovation

#### 1. Cross-studies between Master's Program courses and Doctoral Program courses(「履修案内」 P.27)

Master's Program	Student in Master's program can take Doctoral Program Course after consultation of main academic advisor and getting acceptance of the tutor of the course to be taken. However, credits of the course will not be calculated as the completion requirement of Master's Program.
Doctoral Program	Master's Program Course is treated as prerequisite for the student in Doctoral program and it is not calculate as the completeion requirement of Doctoral Program.

【Note】 The courses to be taken are not included in caluculation of GPA.

#### 2. Prerequisite course(「履修案内」 P.27)

Prerequisite course is the course for complementation of basic knowledge necessary for making thesis.

	Student	Courses	Treatment of Credits
Master's Program	Who has been recommended to take by the main academic advisor	Undergraduate Specialized courses	<ul style="list-style-type: none"> <li>• Not calculated as the credit for completion of the program.</li> <li>• Not included in calculation of GPA.</li> </ul>
Doctoral Program		Master's courses (except Practical courses)	

#### 3. Foreign Language courses

- (1) A student can take foreign language courses offered in the undergraduate school, as necessary in accordance with advisor's guidance (basically practice courses should be taken).
- (2) Credits of these foreign language courses are not calculated for completion requirement, not included in the calculation of GPA.

#### IV.-4. Completion System

##### 1. Short-term Completion System(「履修案内」 P.28)

Student who has been recognized to satisfy the standard of Short-term Completion System by main academic advisor and related advisors can complete his/her program in shorter years than usual after approval of Faculty Council.

① Master's Program	Student who has achieved especially excellent results and recognized that he/she meets the standard of short-term completion, he/she can complete the program with 1 year (or more) of research period in the graduate school.
② Doctoral Program	Student who has achieved especially excellent results and recognized that he/she meets the standard of short-term completion, he/she can complete the program by 3 year (or more) of research period (including Master's Program). If he/she had stayed in master's program for 2 years or more and got master's degree, 2 years of that program is included in the 3 years of short-term completion. Research period in other graduate school is also included in this period. When a student had completed Master's Program along ① and enter the Doctoral Program, if he/she has achieved especially excellent results and recognized to meet the standard of short-term completion, he/she can complete the program by 3 year (or more) of research period (including Master's Program). (Research period in other graduate school is also included in this period.)

##### 2. Notes for Exchange Students(「履修案内」 P.29)

###### (1) Acquisition of Japanese language

Student can take course offered by International Student Center; *Japanese and Approaches to Japanese Society and Culture* as General Education Subjects and Japanese Language Courses for exchange students. Before taking these courses, be sure to take the placement test hold by International Student Center. (Note that credits earned by these courses will not be calculated as the completion requirements of degree's program.)

###### (2) Prerequisite courses

If student want to acquire more basic knowledge in order to advance his/her research, he/she can take prerequisite courses described in “IV.-3. -2.Prerequisite

**Course**", under student's main academic advisor's guidance.

(3) Hints during research period

- ① Unexpected events such as disease or accident can be occurred during the duration of studies, so take out appropriate insurance by yourself.
- ② Exchange Students' affairs such as scholarship, dormitory and welfare are treated at the Student Support Division in Student Affairs Department. Ask for the support of Student Support Division in Student Affairs Department, or Graduate School of Urban Innovation Section if necessary.
- ③ In the first year of coming Japan a tutor is assigned per each exchange student. About any worries such as the problems with studies, ask for the tutor's help, and use that occasion fully. Regarding the selection of the tutor, talk with your main academic advisor.

