

担当者名 /Instructor 戴 二彪 他 各研究指導教員

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 2学期 授業形態 /Class Format 演習 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
					○	○						

授業の概要 /Course Description

The aim of this seminar is to develop further the theoretical knowledge and practical skills of students to carry out independent research on selected topics in the study of international development policy. Faculty members of the International Development Policy course participate in the seminar, individually or as a team, to work together with students to deepen their understanding of the field by applying their theoretical knowledge to policy oriented issues for finding meaningful solutions. In this seminar, students are required to show their own initiatives to explore the current academic frontier and to acquire practical skills necessary for initiating their individual research.

教科書 /Textbooks

Necessary reading materials will be specified by each faculty member.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

Necessary reference materials will be specified by each faculty member.

授業計画・内容 /Class schedules and Contents

(1)~(15)

Class schedule and contents vary following the academic field of each faculty member.

成績評価の方法 /Assessment Method

Course evaluation is based on class participation and research report.

事前・事後学習の内容 /Preparation and Review

Read books/papers and watch TV programs/movies useful to understand this class.

履修上の注意 /Remarks

This seminar is offered in English only.

担当者からのメッセージ /Message from the Instructor

キーワード /Keywords

担当者名 /Instructor 戴 二彪 / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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授業の概要 /Course Description

International migration is one of the most notable global phenomena in recent decades. This course, International Migration and Economic Development, aims to enable participants 1) to have good understanding on the trends and mechanism of modern international migration; 2) to have a balanced view on the positive and negative effects of international migration on the economic development of both source countries, particularly some Asian countries such as China and India, and destination countries such as Japan and USA; 3) to master some appropriate approaches for empirical studies.

《高度な専門的知識・技能》

人口移動と経済発展の関係に係わる専門知識を修得する。

《高い問題解決能力と表現力》

理解や手法を分析に利用した課題解決能力を修得する。

《高い倫理観に基づいた自律的行動力》

学術的研究を背景にしたリーダーシップを発揮する。

教科書 /Textbooks

Bodvarsson and Van den Berg, 2009, The Economics of Immigration: Theory and Policy, Springer

Robert E.B. Lucas, 2005, International Migration and Economic Development, Edward Elgar Publishing, Inc.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

Bhagwati and Hanson, 2009, Immigration Today: Prospects, Problems, and Policies, Oxford University Press.

授業計画・内容 /Class schedules and Contents

This course is composed of 15 lessons, which are temporarily schedule as follows.

- (1) International migration: definition and historical review
- (2) Causes of international migration
- (3) Spatial pattern and underlying factors of international skilled migration
- (4) Spatial pattern and underlying factors of international unskilled migration
- (5) Spatial pattern and underlying factors of international student migration
- (6) International migration to USA: history, policy evolution, and recent trends
- (7) International migration to (in) EU: history, policy evolution, and recent trends
- (8) International migration to Japan: history, policy reform and recent trends
- (9) Effects of international migration on source country's economic development
- (10) Effects of international migration on destination country's economic development
- (11) International migration from developed countries to developing countries
- (12) Contribution of returned brains to Asian source country: The cases of China
- (13) Contribution of returned brains to Asian source country: The cases of South Korea
- (14) Contribution of returned brains to Asian source country: The cases of India
- (15) How to design policy system for managing international migration in the era of globalization?

成績評価の方法 /Assessment Method

Class participation and class discussion: 50%; Term paper:50%
Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

Students are required to read the references in advance. Questions are welcome anytime.

履修上の注意 /Remarks

Some other references (academic papers and research reports) will be distributed to students two weeks before each lesson.

担当者からのメッセージ /Message from the Instructor

The contents and schedule of the lecture are flexible. It is possible to increase the lectures on international travel / tourism, depending on student's research topic / interest. If you have any questions, please e-mail to dai@agi.or.jp.

キーワード /Keywords

International Migration, Economic Development, Asia, China

Numerical Analysis 【昼】

担当者名 /Instructor 坂本 博 / Sakamoto Hiroshi / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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授業の概要 /Course Description

This course aims to teach the technique of numerical analysis necessary for the dissertation making. Some part of the course is lectures, but mainly it asks participants to collect and analyze actual data. The analysis theme is based on each participant's need. Therefore, the technique for teaching will be adjusted accordingly.

《高度な専門的知識・技能》
数量分析に関わる専門知識を修得する。
《高い問題解決能力と表現力》
理論や手法を分析に利用した課題解決能力を習得する。
《高い倫理観に基づいた自律的行動力》
学術的研究を背景にしたリーダーシップを発揮する能力を習得する。

教科書 /Textbooks

References and texts for each technique will be distributed to class participants.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

References and texts for each technique will be distributed to class participants.

授業計画・内容 /Class schedules and Contents

The following techniques will be presented:

- (1) Basic statistical analysis (mean, variance)
- (2) Basic statistical analysis (correlation)
- (3) Inequality index (Gini coefficient, Theil index)
- (4) Other index (Herfindahl index)
- (5) Regression model (time series)
- (6) Regression model (cross session)
- (7) Regression model (panel data)
- (8) Regression model (micro data)
- (9) Data Envelopment Analysis
- (10) Other mathematical model
- (11) Input-Output model
- (12) Computable General Equilibrium model
- (13) Macro model
- (14) Other simulation model
- (15) MCMC
- (16) Others

成績評価の方法 /Assessment Method

Complete term paper (excellent: submitting level analysis; good: almost complete analysis; fair: partly complete analysis; failure: others). Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

It is desirable to have knowledge of related statistics and/or econometrics.

履修上の注意 /Remarks

First of all, students must introduce topics of research. Next, they collect the data to analyze topics of research beforehand if it is possible. Also, they should be able to use Excel.

担当者からのメッセージ /Message from the Instructor

キーワード /Keywords

担当者名 /Instructor 戴 二彪 / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標 / Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion), Specific Targets in Focus

学位授与方針における能力		到達目標
知識・理解	北九州と地理的・歴史的に深いつながりをもつ東アジア社会圏に関する専門的知識を備える。	○ 人口移動と経済開発の関係に係わる専門知識を修得する。
技能	学問的知識を現実の地域社会に活かすことのできる、優れた課題解決能力を身につける。	△ 理論や手法を分析に利用した課題解決能力を習得する。
	北九州地域、東アジア、世界においてもリーダーシップをもって活躍することができる。	△ 学術的研究を背景にしたリーダーシップを発揮する能力を習得する。
態度	東アジア社会圏のさまざまな地域社会の社会システム（政治・経済・文化）を個別的・実証的に研究することができる。	

※◎：強く関連 ○：関連 △：やや関連

International Migration and Economic Development

※国際開発政策コース以外の学生は、自領域のカリキュラム・マップを確認してください。

授業の概要 /Course Description

International migration is one of the most notable global phenomena in recent decades. This course, International Migration and Economic Development, aims to enable participants 1) to have good understanding on the trends and mechanism of modern international migration; 2) to have a balanced view on the positive and negative effects of international migration on the economic development of both source countries, particularly some Asian countries such as China and India, and destination countries such as Japan and USA; 3) to master some appropriate approaches for empirical studies.

《高度な専門的知識・技能》

人口移動と経済発展の関係に係わる専門知識を修得する。

《高い問題解決能力と表現力》

理解や手法を分析に利用した課題解決能力を修得する。

《高い倫理観に基づいた自律的行動力》

学術的研究を背景にしたリーダーシップを発揮する。

教科書 /Textbooks

Bodvarsson and Van den Berg, 2009, The Economics of Immigration: Theory and Policy, Springer

Robert E.B. Lucas, 2005, International Migration and Economic Development, Edward Elgar Publishing, Inc.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

Bhagwati and Hanson, 2009, Immigration Today: Prospects, Problems, and Policies, Oxford University Press.

授業計画・内容 /Class schedules and Contents

This course is composed of 15 lessons, which are temporarily schedule as follows.

- (1) International migration: definition and historical review
- (2) Causes of international migration
- (3) Spatial pattern and underlying factors of international skilled migration
- (4) Spatial pattern and underlying factors of international unskilled migration
- (5) Spatial pattern and underlying factors of international student migration
- (6) International migration to USA: history, policy evolution, and recent trends
- (7) International migration to (in) EU: history, policy evolution, and recent trends
- (8) International migration to Japan: history, policy reform and recent trends
- (9) Effects of international migration on source country's economic development
- (10) Effects of international migration on destination country's economic development
- (11) International migration from developed countries to developing countries
- (12) Contribution of returned brains to Asian source country: The cases of China
- (13) Contribution of returned brains to Asian source country: The cases of South Korea
- (14) Contribution of returned brains to Asian source country: The cases of India
- (15) How to design policy system for managing international migration in the era of globalization?

成績評価の方法 /Assessment Method

Class participation and class discussion: 50%; Term paper:50%
Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

Students are required to read the references in advance. Questions are welcome anytime.

履修上の注意 /Remarks

Some other references (academic papers and research reports) will be distributed to students two weeks before each lesson.

担当者からのメッセージ /Message from the Instructor

The contents and schedule of the lecture are flexible. It is possible to increase the lectures on international travel / tourism, depending on student's research topic / interest. If you have any questions, please e-mail to dai@agi.or.jp.

キーワード /Keywords

International Migration, Economic Development, Asia, China

Numerical Analysis 【昼】

担当者名 /Instructor 坂本 博 / Sakamoto Hiroshi / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
							○	○	○	○	○	

授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標
/ Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion) , Specific Targets in Focus

学位授与方針における能力		到達目標	
知識・理解	北九州と地理的・歴史的に深いつながりをもつ東アジア社会圏に関する専門的知識を備える。	○	数量分析に関わる専門知識を修得する。
技能	学問的知識を現実の地域社会に活かすことのできる、優れた課題解決能力を身につける。	△	理論や手法を分析に利用した課題解決能力を習得する。
	北九州地域、東アジア、世界においてもリーダーシップをもって活躍することができる。	△	学術的研究を背景にしたリーダーシップを発揮する能力を習得する。
態度	東アジア社会圏のさまざまな地域社会の社会システム（政治・経済・文化）を個別的・実証的に研究することができる。		

※◎：強く関連 ○：関連 △：やや関連

※国際開発政策コース以外の学生は、自領域のカリキュラム・マップを確認してください。

Numerical Analysis

授業の概要 /Course Description

This course aims to teach the technique of numerical analysis necessary for the dissertation making. Some part of the course is lectures, but mainly it asks participants to collect and analyze actual data. The analysis theme is based on each participant's need. Therefore, the technique for teaching will be adjusted accordingly.

《高度な専門的知識・技能》
数量分析に関わる専門知識を修得する。
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教科書 /Textbooks

References and texts for each technique will be distributed to class participants.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

References and texts for each technique will be distributed to class participants.

Numerical Analysis 【昼】

授業計画・内容 /Class schedules and Contents

The following techniques will be presented:

- (1) Basic statistical analysis (mean, variance)
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- (7) Regression model (panel data)
- (8) Regression model (micro data)
- (9) Data Envelopment Analysis
- (10) Other mathematical model
- (11) Input-Output model
- (12) Computable General Equilibrium model
- (13) Macro model
- (14) Other simulation model
- (15) MCMC
- (16) Others

成績評価の方法 /Assessment Method

Complete term paper (excellent: submitting level analysis; good: almost complete analysis; fair: partly complete analysis; failure: others). Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

It is desirable to have knowledge of related statistics and/or econometrics.

履修上の注意 /Remarks

First of all, students must introduce topics of research. Next, they collect the data to analyze topics of research beforehand if it is possible. Also, they should be able to use Excel.

担当者からのメッセージ /Message from the Instructor

キーワード /Keywords

担当者名 /Instructor 戴 二彪 / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標 / Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion), Specific Targets in Focus

DP 科目記号	高度な専門的知識・技能	高い問題解決能力と表現力	高い倫理観に基づいた自律的行動力
ECN751S	◎	△	△
科目名	International Migration and Economic Development		

※修得できる能力との関連性 ◎：強く関連 ○：関連 △：やや関連
 ※地域社会システム専攻以外の学生は、科目と学位授与方針における能力の関連性を自専攻のカリキュラムマップで確認してください。

授業の概要 /Course Description

International migration is one of the most notable global phenomena in recent decades. This course, International Migration and Economic Development, aims to enable participants 1) to have good understanding on the trends and mechanism of modern international migration; 2) to have a balanced view on the positive and negative effects of international migration on the economic development of both source countries, particularly some Asian countries such as China and India, and destination countries such as Japan and USA; 3) to master some appropriate approaches for empirical studies.

- 《高度な専門的知識・技能》
人口移動と経済発展の関係に係わる専門知識を修得する。
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理解や手法を分析に利用した課題解決能力を修得する。
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学術的研究を背景にしたリーダーシップを発揮する。

教科書 /Textbooks

- Bodvarsson and Van den Berg, 2009, The Economics of Immigration: Theory and Policy, Springer
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授業計画・内容 /Class schedules and Contents

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- (15) How to design policy system for managing international migration in the era of globalization?

成績評価の方法 /Assessment Method

Class participation and class discussion: 50%; Term paper:50%
Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

Students are required to read the references in advance. Questions are welcome anytime.

履修上の注意 /Remarks

Some other references (academic papers and research reports) will be distributed to students two weeks before each lesson.

担当者からのメッセージ /Message from the Instructor

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キーワード /Keywords

International Migration, Economic Development, Asia, China

Numerical Analysis 【昼】

担当者名 /Instructor 坂本 博 / Sakamoto Hiroshi / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標 / Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion), Specific Targets in Focus

科目記号	DP	高度な専門的知識・技能	高い問題解決能力と表現力	高い倫理観に基づいた自律的行動力
ECN731S		◎	△	△
科目名	Numerical Analysis		※修得できる能力との関連性 ◎：強く関連 ○：関連 △：やや関連 ※地域社会システム専攻以外の学生は、科目と学位授与方針における能力の関連性を専攻のカリキュラムマップで確認してください。	

授業の概要 /Course Description

This course aims to teach the technique of numerical analysis necessary for the dissertation making. Some part of the course is lectures, but mainly it asks participants to collect and analyze actual data. The analysis theme is based on each participant's need. Therefore, the technique for teaching will be adjusted accordingly.

- 《高度な専門的知識・技能》
数量分析に関わる専門知識を修得する。
- 《高い問題解決能力と表現力》
理論や手法を分析に利用した課題解決能力を習得する。
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学術的研究を背景にしたリーダーシップを発揮する能力を習得する。

教科書 /Textbooks

References and texts for each technique will be distributed to class participants.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

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授業計画・内容 /Class schedules and Contents

- The following techniques will be presented:
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成績評価の方法 /Assessment Method

Complete term paper (excellent: submitting level analysis; good: almost complete analysis; fair: partly complete analysis; failure: others). Evaluations will be done according to the DP syllabus goals.

Numerical Analysis 【昼】

事前・事後学習の内容 /Preparation and Review

It is desirable to have knowledge of related statistics and/or econometrics.

履修上の注意 /Remarks

First of all, students must introduce topics of research. Next, they collect the data to analyze topics of research beforehand if it is possible. Also, they should be able to use Excel.

担当者からのメッセージ /Message from the Instructor

キーワード /Keywords

The industrial development of Taiwan 【昼】

担当者名 /Instructor 岸本 千佳司 / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

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授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標 / Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion), Specific Targets in Focus

DP 科目記号	高度な専門的知識・技能	高い問題解決能力と表現力	高い倫理観に基づいた自律的行動力
ECN752S	◎	△	△
科目名	The industrial development of Taiwan ※修得できる能力との関連性 ◎：強く関連 ○：関連 △：やや関連 ※地域社会システム専攻以外の学生は、科目と学位授与方針における能力の関連性を専攻のカリキュラムマップで確認してください。		

授業の概要 /Course Description

This course, “The industrial development of Taiwan”, aims to enable participants 1) to have good understanding on the history and present situation of the economic & industrial development (and related social & political matters) of Taiwan; 2) to understand the development mechanism of specific Taiwanese industries (for example, the PC/IT industry, the semiconductor industry, and so on) and companies; 3) to have a broad view of Asian economic & industrial development, 4) to learn the method of the case study of specific industries/companies.

《高度な専門的知識・技能》

台湾の経済・産業発展の歴史と現状について学び、専門知識を修得する。

《高い問題解決能力と表現力》

理論や手法を分析に利用した課題解決能力を習得する。

《高い倫理観に基づいた自律的行動力》

学術的研究を背景にしたリーダーシップを発揮する能力を習得する。

教科書 /Textbooks

References and texts for each topic will be distributed or specified to class participants when necessary.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

References and texts for each topic will be distributed or specified to class participants when necessary.

授業計画・内容 /Class schedules and Contents

This course is composed of 15 lessons, which are divided into five parts as follows:

- (1)Lesson 1 – Lesson 2 [An overview of Asian economic & industrial development]: The first two lessons will make a survey of economic & industrial development in recent years of Asia as a whole.
- (2)Lesson 3 – Lesson 5 [An overview of the economic & industrial development of Taiwan]: These lessons will try to offer basic understanding of the development history and present situation of economy (and related social & political matters) of Taiwan.
- (3)Lesson 6 – Lesson 7 [Analytical tools for Taiwan/Asian economic & industrial development]: In this part, we will study several analytical tools/concepts such as industrial cluster, global value chain and business architecture, which seem to be useful for understanding the development mechanism of Taiwan/Asian countries/companies.
- (4)Lesson 8 – Lesson 13 [Case studies of specific Taiwanese industries and companies]: These lessons will deal with several in-depth case studies of specific industries (such as PC/IT, semiconductor, and so on) and of the management strategies of representative companies.
- (5)Lesson 14 – Lesson 15 [Others]: The last two lessons will be kept for additional discussion and for tackling several related topics. The contents may probably be adjusted in view of the situation. Students should be requested to make some short (20-30 minutes) presentations on these topics, although basic materials are provided.

成績評価の方法 /Assessment Method

Class participation and class discussion (including some short presentations): 50%; Term paper: 50%
Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

Read books/papers and articles useful to understand this class.

The industrial development of Taiwan 【昼】

履修上の注意 /Remarks

Students must be able to read Chinese and Japanese documents/papers as well as English ones, because there are many good Japanese/Chinese references which are indispensable for studying this theme.

担当者からのメッセージ /Message from the Instructor

キーワード /Keywords

Taiwan, economic and industrial development, management strategy

Urban Analysis 【昼】

担当者名 /Instructor 田村 一軌 / 北方キャンパス 非常勤講師

履修年次 /Year 単位 /Credits 2単位 学期 /Semester 1学期 授業形態 /Class Format 講義 クラス /Class

対象入学年度 /Year of School Entrance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
												○

授業で得られる「学位授与方針における能力（学生が修了時に身に付ける能力）」、到達目標 / Competence Defined in “Diploma Policy” (Competence Students Attain by Course Completion), Specific Targets in Focus

科目記号	DP 高度な専門的知識・技能	高い問題解決能力と表現力	高い倫理観に基づいた自律的行動力
ECN753S	◎	△	△
科目名	Urban Analysis		※修得できる能力との関連性 ◎：強く関連 ○：関連 △：やや関連 ※地域社会システム専攻以外の学生は、科目と学位授与方針における能力の関連性を自専攻のカリキュラムマップで確認してください。

授業の概要 /Course Description

This course introduces basic concepts, theoretical models and empirical methods related to urban and regional analysis. It presents interdisciplinary perspective on cities and urban systems. It helps students to understand structure and dynamics of cities.

《高度な専門的知識・技能》

都市構造とそのモデル分析の理論と手法に関する専門知識を身につける。

《高い問題解決能力と表現力》

理論や手法を分析に利用した課題解決能力を習得する。

《高い倫理観に基づいた自律的行動力》

学術的研究を背景にしたリーダーシップを発揮する能力を習得する。

教科書 /Textbooks

Barthelemy, Marc (2016) The Structure and Dynamics of Cities, Cambridge University Press.

参考書(図書館蔵書には ○) /References (Available in the library: ○)

Relevant book chapters and journal articles will be assigned as needed.

授業計画・内容 /Class schedules and Contents

Class 1. Introduction
Class 2. Urban Systems
Class 3. Models and methods (1)
Class 4. Models and methods (2)
Class 5. The spatial organization of cities (1)
Class 6. The spatial organization of cities (2)
Class 7. Infrastructure Networks (1)
Class 8. Infrastructure Networks (2)
Class 9. Mobility Patterns
Class 10. Multimodality of cities
Class 11. Socioeconomic aspects (1)
Class 12. Socioeconomic aspects (2)
Class 13. System of cities
Class 14. Toward a new science of cities
Class 15. Presentation of Term Papers

成績評価の方法 /Assessment Method

Class presentation: 50%; term paper: 50%
Evaluations will be done according to the DP syllabus goals.

事前・事後学習の内容 /Preparation and Review

Students must read relevant chapters in the textbooks in advance of each class. Students are also required to make presentations in class on the materials assigned.

履修上の注意 /Remarks

It is preferred that students have basic knowledge of mathematics.

Urban Analysis 【昼】

担当者からのメッセージ /Message from the Instructor

I welcome the enrollment of students with a strong interest in cities and regions.

キーワード /Keywords

Urban Analysis, Network Analysis, Transport and Mobility