

授業科目名： Method and Application of Data Analysis			担当教員名： Kentaro Hirose
選択必修： Elective	単位数： 2	セメスター： 1 Fall	開講言語： English
ディプロマポリシーとの関連			
国際社会の知識	政策分析能力	英語コミュニケーション能力	
	●	●	
○授業の到達目標及びテーマ To learn how to think scientifically through data analysis.			
○授業の概要 In this course, students will learn how to think scientifically through data analysis.  <b>[IMPORTANT]</b> Because this course emphasizes hands-on data analysis using R, students are required to bring a laptop computer to class.			
○授業の方法 Students will learn statistical methods through lectures and labs.			
○授業計画 The specific schedule will be determined based on the interests and experiences of the participants in this course. For example:			
<ol style="list-style-type: none"> <li>1. Organizational Meeting</li> <li>2. Theory and Hypothesis</li> <li>3. Basics of Empirical Analysis</li> <li>4. Descriptive Analysis</li> <li>5. Regression Analysis</li> <li>6. Regression Analysis</li> <li>7. Specifying Your Hypothesis (1)</li> <li>8. Collecting Data (1)</li> <li>9. Testing Your Hypothesis (1)</li> <li>10. Presentation (1)</li> <li>11. Specifying Your Hypothesis (2)</li> <li>12. Collecting Data (2)</li> <li>13. Testing Your Hypothesis (2)</li> <li>14. Presentation (2)</li> <li>15. Wrap-Up</li> </ol>			
○テキスト Lecture slides will be posted online.			
○参考書・参考資料等			
○学生に対する評価 Assignments (100%)			
○オンライン授業に切り替えた場合の授業形態 Class format: Online class (Real-time delivery) Location of class materials, notices, and correspondence information: eMMA			