

## Course Syllabus Special Summer Program 2020

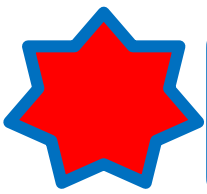
Course title	STATA® Intermediate Workshop		
The month of offering the course	July <input type="checkbox"/> August <input checked="" type="checkbox"/>	Way of teaching	F2F <input type="checkbox"/> Online (Zoom) <input checked="" type="checkbox"/>
Teaching schedule	Date: Aug. 26 <sup>th</sup> Wed., 27 <sup>th</sup> Thu. (Two-day sessions)	Time: 14:40-17:50	
Names of Instructor	HIROSE, Shinichi (GSIM)		Total No. of Classes (90min) 2 x 2 (=360 min. in total)
Course description	<p>➤ <b>STATA</b> is an IUJ standard statistics package, and all current students and faculty members can use it for free.</p> <ul style="list-style-type: none"> <li>◇ The statistics software suite called “<b>R</b>” is becoming the de facto standard among researchers. It is a bunch of free software modules developed by researchers around the world. It is mighty and rich in terms of the variety of available statistical methods.</li> <li>◇ The Summer Session “Data Analysis with R” was offered by Professor Chuang in July 2020 at IUJ.</li> <li>◇ However, for you to reach the mastery level of being capable of using R without frequently referring to the technical documentation, it takes a relatively long time.</li> <li>◇ <a href="#">STATA has a more friendly user interface as compared with R</a>, and you will feel comfortable in working with STATA with less training time.</li> </ul> <p>➤ <b><u><a href="#">[PLEASE NOTE] This course assumes that participants have the basic skills to handle STATA.</a></u></b></p> <ul style="list-style-type: none"> <li>◇ <u>The basic STATA skills can be learned by taking the <a href="#">STATA Basics Workshop</a>, scheduled on Aug. 19<sup>th</sup>, Wed.</u></li> <li>◇ <u>It is up to you whether you take the STATA Basics Workshop or not. However, please be reminded that the basic skills will never be taught in this course.</u></li> </ul> <p>➤ This course plans to cover the following topics [tentative at this moment]:</p> <ul style="list-style-type: none"> <li>◇ Advanced regression analyses and correct reading of results</li> <li>◇ Analyses of categorical data, such as Chi-square test and logistic regression</li> <li>◇ A quick look on several multivariate analyses, including: <ul style="list-style-type: none"> <li>- Exploratory factor analysis (EFA)</li> <li>- Cluster analysis</li> <li>- Structured Equation Modelling (SEM)</li> <li>- Mediation and moderation (optional, if time allows)</li> <li>- The concept of multi-level analyses and a quick look at the examples (optional, if time allows)</li> </ul> </li> </ul> <p>➤ NOTE #1: This two-day session does not teach theoretical meanings and deep-level implications related to the topics under discussion</p> <ul style="list-style-type: none"> <li>◇ The majority of topics covered in this Intermediate Workshop were not taught in QIS1020 Applied Statistics, which almost all of you have taken</li> <li>◇ For each method we discuss in this series of sessions, the instructor will briefly explain what kind of specific models are appropriate for what purposes. Which parts of STATA outputs should be carefully checked to reach the correct reading of results.</li> <li>◇ Even though we do not have time to discuss the underlying theories. We will learn how to get the necessary results by using STATA, like the way we learn how to use microwave ovens without knowing why they work</li> </ul> <p>➤ NOTE #2: The planned coverage may be adjusted and changed depending on the actual overall progress speed of the session on the day</p>		

	<p><b>[VERY IMPORTANT: <a href="#">Computer Preparations Before Joining this Session</a>]</b></p> <ul style="list-style-type: none"> <li>➤ <b><u>If you do not participate in the STATA Basics Workshop:</u></b> <ul style="list-style-type: none"> <li>✧ <b>Visit the MLIC Computer Dept.</b> (4<sup>th</sup> floor of the MLIC bldg.) by taking your computer with you. The staff there will <b>install STATA on your computer</b>.</li> <li>- <a href="#">If you are off-campus and cannot go to the MLIC office, contact the department via email well in advance. [ <a href="mailto:mlic-com@iuj.ac.jp">mlic-com@iuj.ac.jp</a> ]</a></li> <li>✧ <u>Make sure that you can use <b>Excel</b> on your computer.</u></li> </ul> </li> </ul> <p><b>[Disclaimer]</b></p> <ul style="list-style-type: none"> <li>➤ The instructor will do his best to help all course participants achieve the goals described above.</li> <li>➤ However, the computer and network environment tend to be very different from person to person.</li> <li>➤ Therefore, there are possibilities where the instructor may not be able to resolve some special issues encountered by some of the participants.</li> <li>➤ If you could not complete the steps covered in this session, try to reach out to appropriate people after the session. Consult with voluntary student computer advisors for general issues. For the specific use of statistical models, try to talk to your supervisor or other faculty members.</li> <li>➤ Due to the time and budget limitations, the instructor of this course cannot extend additional technical support outside of the session time.</li> <li>➤ Instruction will be delivered based on the Windows 10 interface. Mac users need to adjust their operations on their own.</li> </ul>
Texts	<ul style="list-style-type: none"> <li>➤ STATA Intermediate Instruction PDF file (authored by the instructor).</li> <li>➤ Other data files to conduct practices during the session.</li> <li>➤ The Instruction and data files can be downloaded from the <a href="#">IUJ Moodle site</a>.</li> <li>➤ Refer to the “How to Login to the IUJ Moodle” PDF, attached to the bottom of this document. It will guide you through logging in to the IUJ Moodle site for the first time.</li> <li>➤ The Moodle site will be made accessible for participants about one week before the sessions.</li> <li>➤ <b>Recommendation:</b> You are encouraged to download all materials from the IUJ Moodle in advance and make them readily available during the session. For the Instruction, it’s desirable that you make it available separately from your computer—either by making a hard copy or load it onto your smartphone. <ul style="list-style-type: none"> <li>✧ This request is because you will be using your computer screen for many purposes during the session. First, you need to view Zoom for an instruction session. Second, you will use various windows for you to train yourself and to make your computer ready for RefWorks. Therefore, your computer screen will become quite busy.</li> </ul> </li> </ul>
Other Information	<ul style="list-style-type: none"> <li>➤ The Zoom session URL will be announced from OAA a few days before the session.</li> </ul>



# Getting Access to the IUJ Moodle Site —The First-time Login Procedures

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- **ATTENTION: YOU CANNOT ENTER THE MOODLE COURSE PAGE UNLESS YOU REGISTER AND ENROLL INTO THE COURSE(S) YOU WISH TO JOIN WITH OAA.**
- **MAKE SURE THAT YOU REGISTER BY THE DEADLINE DATE!**

## Log In to Moodle on the Web

- Access to the following site by using any kind of browsers

- <https://moodle.iuj.ac.jp/>
- When using app for tablets or smartphones:  
<https://moodle.iuj.ac.jp/moodle>

IUJ MOODLE

Username [Forgotten your username or password?](#)

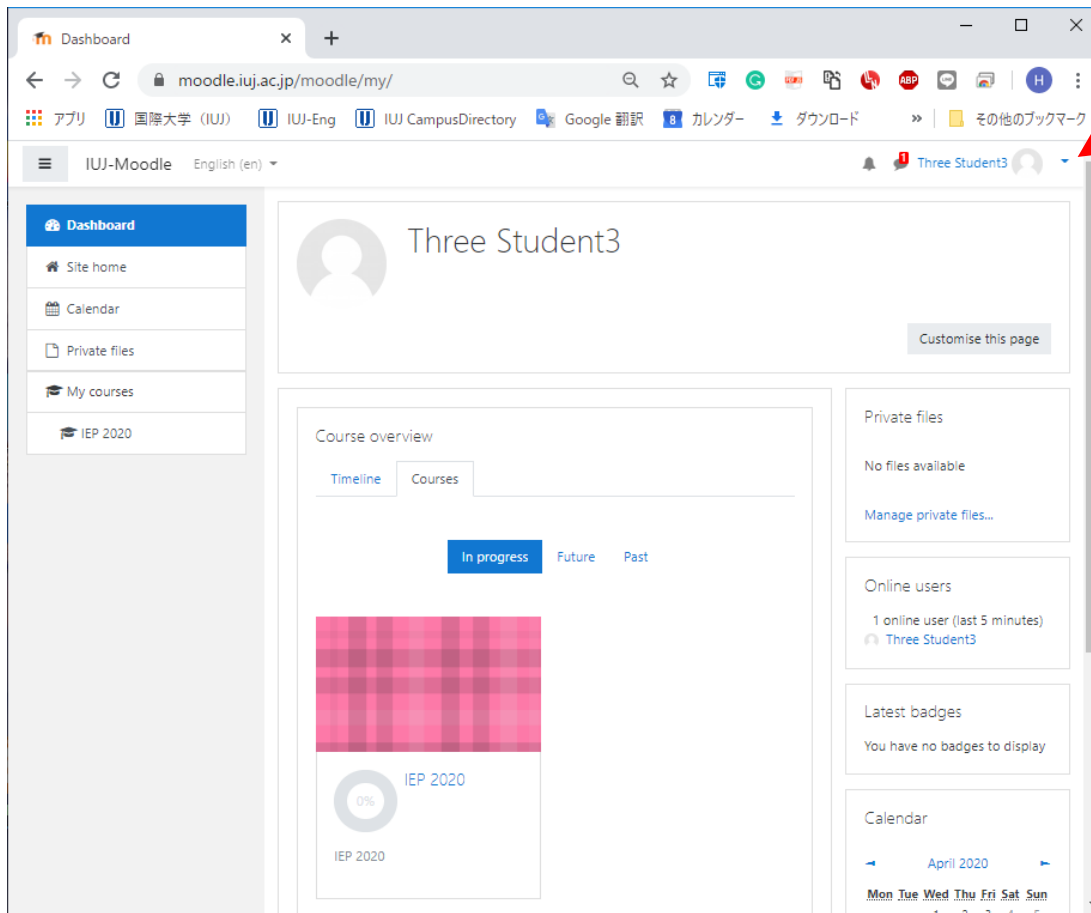
Password [Cookies must be enabled in your browser](#)

Remember username [Some courses may allow guest access](#)

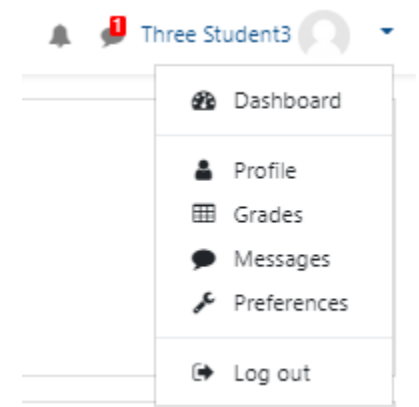
Log in Log in as a guest

- Your Username is:
  - If your IUJ email account is [jack123@iuj.ac.jp](mailto:jack123@iuj.ac.jp)...
  - Type in “jack123”
- Your Password is:
  - The same with the one you use to enter [¥¥iuj-home](#)
  - Please note that it is different from your email account password

# Dashboard Screen



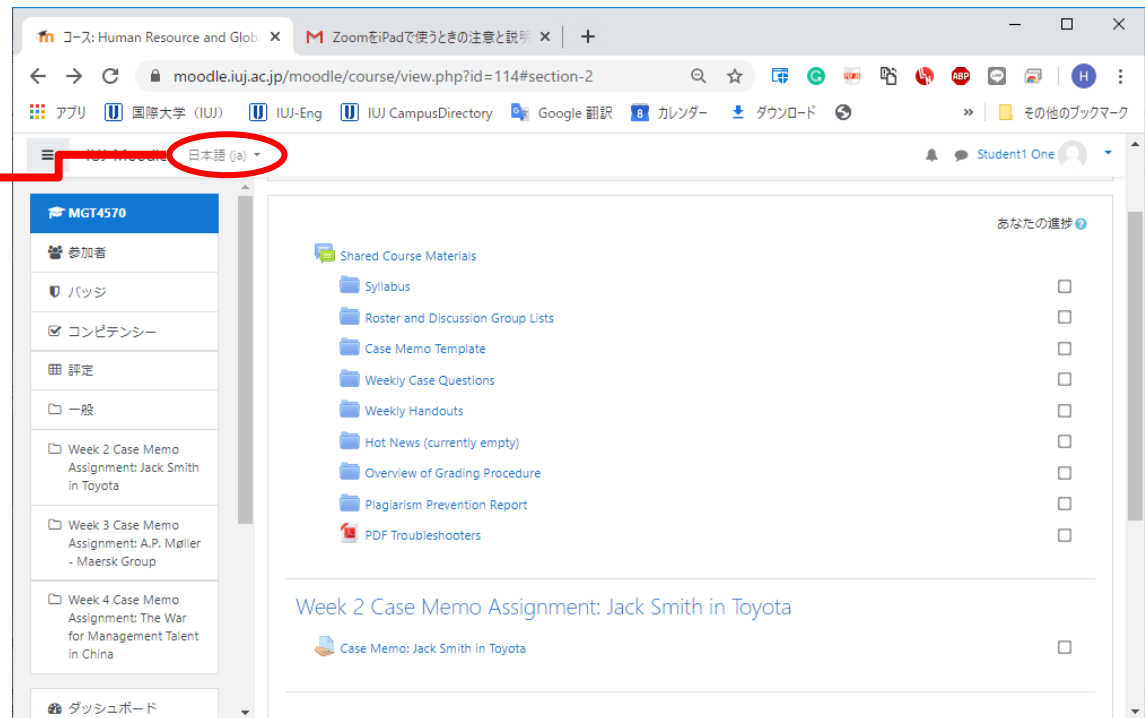
You can set various preferences by clicking here



# Screen after Selecting and Entering the Course —Set the Language to English

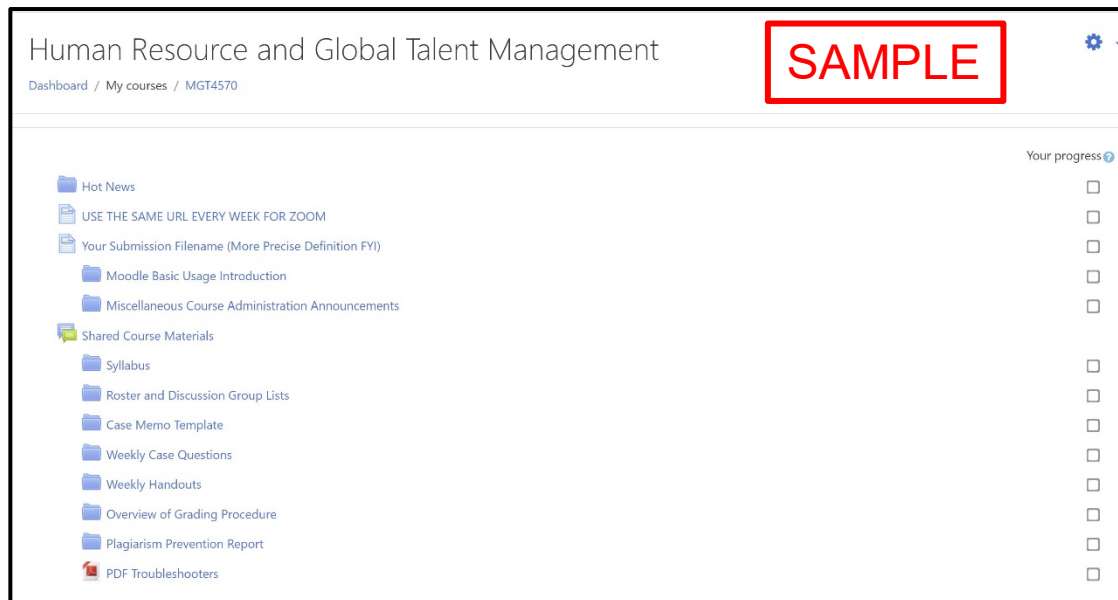
You will see the class materials contents like below:

- You may find that your screen is not displayed in English
- Click on this part to make the display set to English



# Screen after Selecting and Entering the Course —Download Materials Used in the Session

1. Download Instruction Materials and Sample Data before the Session Starts
2. Read miscellaneous announcements and info on the page



The screenshot shows a Moodle course dashboard for 'Human Resource and Global Talent Management'. The breadcrumb trail is 'Dashboard / My courses / MGT4570'. A red box labeled 'SAMPLE' is overlaid on the top right. The dashboard lists various course materials, each with a checkbox for 'Your progress'.

Item	Your progress
Hot News	<input type="checkbox"/>
USE THE SAME URL EVERY WEEK FOR ZOOM	<input type="checkbox"/>
Your Submission Filename (More Precise Definition FYI)	<input type="checkbox"/>
Moodle Basic Usage Introduction	<input type="checkbox"/>
Miscellaneous Course Administration Announcements	<input type="checkbox"/>
Shared Course Materials	
Syllabus	<input type="checkbox"/>
Roster and Discussion Group Lists	<input type="checkbox"/>
Case Memo Template	<input type="checkbox"/>
Weekly Case Questions	<input type="checkbox"/>
Weekly Handouts	<input type="checkbox"/>
Overview of Grading Procedure	<input type="checkbox"/>
Plagiarism Prevention Report	<input type="checkbox"/>
PDF Troubleshooters	<input type="checkbox"/>