

## Multidisciplinary Subjects I

Course Number	Course Name	Instruc-tional Type	Credits	stand-ard regis-trati-on year	Term	Meeting Days, Per-iod etc.	Classro-m	Instructor	Course Overview	Remarks
1190212	First Year Seminar	2	1.0	1	Sum Vac	Intensi-ve		Ortolani Andrea	This course is designed to help students become familiar with the educational system and campus life at the University of Tsukuba. Important information regarding living in Japan as a foreign resident and a general introduction on Japanese society will also be provided.	For students in Undergraduate Program of International Social Studies. Lecture is conducted in English. face-to-face
1190222	First Year Seminar	2	1.0	1	Sum Vac	Intensi-ve		Kuwayama Hidekazu, Wada Hiroshi, Irving Louis John, Ying Beiwen, Kang Seung Won, Yoshioka Yosuke, Parkner Thomas	This course is designed to help students become familiar with the educational system and campus life at the University of Tsukuba. Important information regarding living in Japan as a foreign resident and a general introduction on living in Tsukuba city will also be provided. Lecture is conducted in English. face-to-face.	For students in Interdisciplinary Program in Life and Environmental Sciences. Lecture is conducted in English. face-to-face
1190232	First Year Seminar	2	1.0	1	Sum Vac	Intensi-ve	3B213	Islam Monirul Muhammad, Sharmin Sonia, Takeyasu Kotaro	This is a series of information sessions for Interdisciplinary Engineering students new to the University of Tsukuba. It includes an orientation seminar to help the students make their course plans and also facility visits on campus, such as a library, health center, cafeterias, and some selected Research Laboratories in the College of Engineering Sciences and that of Engineering Systems to become familiar with campus life.	Only for IDE students. Lecture is conducted in English. face-to-face
1190312	First Year Seminar	2	1.0	1	Fall AB	Thu2		Sandoval Felipe, Morio Takahiro	Students in Bachelor's Program in Global Issues will obtain various information to live a fruitful life.	Only for BPGI students. Lectures are conducted in English. Lecture is conducted in English. face-to-face
1290011	Learning and Ethics of Research	1	1.0	1	Fall AB	Wed2	3A212	Kakeya Hideki, Dairaku Koji, Izawa Jun, Date Hisashi, Puentes Sandra Milena	This course introduces fundamental concepts related to learning and research activities in a university, from an ethics point of view. In particular, it includes the following topics: definition of science, research methodology, research misconduct, mentor and advisor, responsible authorship, peer review and publication, data management, collaborative research, conflict of interests, whistleblowing and obligation to protect the public.	Student number limit may apply. Priority is given to IDE Students. Lecture is conducted in English. face-to-face
1290021	OMOTENASHI —Japanese Culture and Manner—	1	1.0	1	Fall AB	Thu3	5C301	Egami Izumi	<ul style="list-style-type: none"> <li>• To understand Japanese culture, history, and etiquette.</li> <li>• To learn about Japanese customs, traditions, and manners from the perspective of cross-cultural communication.</li> <li>• To learn business etiquette in Japan based on an understanding of the principles of protocol (international etiquette).</li> </ul>	The number of students is limited to 20. If the number of students exceeds the capacity, priority will be given to international students, mainly first-year students. The Lecture is conducted in English. face-to-face. Lecture is conducted in English. face-to-face

1390111	Living in Japan as Foreign Students	1	1.0	1	Fall IAB	Fri 3	1C305	Urano Edson Ioshiaqui, Ortola ni Andrea	This course will provide clear explanations by using specific examples of legal and social rules foreign students must know for their lives in Japan. In particular, lectures will be focused on legal and administrative procedures required for studying, employment and settlement, by illustrating immigration control, the precautions for the limits of the non-academic activities regarding part-time jobs, visa application required for job hunting and job hunting after graduation, visa application required after the employment or in case of unemployment, marriage to a Japanese or a foreigner, and family life.	For students in Undergraduate Program of International Social Studies, auditor students and other international students CDP, face-to-face
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Multidisciplinary Subjects III

Course Number	Course Name	Instru- ctional Type	Credit s	stand and regis- trati- on year	Term	Meeting Days, Per- iod etc.	Classro- om	Instructor	Course Overview	Remarks
1D90221	Mechatronics Basics and Applications	1	1.0	3, 4	Fall IABC	Fri 3	3A213	Hassan Modar	In this course students will learn how to design and implement a mechatronics system including a) a controller, b) sensors, c) actuators, and d) an algorithm. The course is structured as follows: basic class unit, mid-term project, advanced class unit, end-term project. Students are organized in teams, and a project theme is given for each team. Evaluation is based on report and project presentation of each team. In addition to learning the structure, design, and analysis of mechatronics systems this course aims to nurture a "can do" attitude where students are willing to take challenges and design engineering solutions from scratch.	Identical to 1D90221. Lecture is conducted in English. Admission limit: up to 20 students. Priority is given to IDE Students. Identical to 1490221. Lecture is conducted in English. face-to-face Admission limit: up to 20 students. Priority is given to IDE Students.
1E90011	Topics in Social Sciences	1	1.0	3, 4	Fall IAB	Wed 2	1B303	Moges Abu Girma	This course deals with advanced and contemporary topics in social sciences from the conceptual, practical, and public policy perspectives. The course will cover topics ranging from economic development, inequality and poverty, inter-and-intra national migration, political economics of public policies, sustainable development, and the prospects as well as the challenges of globalization.	Identical to 1490011. Lecture is conducted in English. face-to-face