

科目名	Sustainability Studies and Global Environmental Governance	X0165	教養/都市・社会・環境	単位数	2	
担当教員	佐々木 リディア	前期	金曜日	2限		
科目ナンバリング 2018年度以降入学生対象	GBA-122-2 : 全学共通科目					
授業方針・テーマ	An introduction to contemporary global environmental issues, the course takes a cross-disciplinary systems approach to the complex inter-relationships between Nature and Society. The course offers political, economic and social perspectives on the environmental crisis. It focuses on the challenges to promote sustainable development in the 21st century and on the comprehensive global vision and approach needed in order to fulfill UN's SDGs.					
習得できる知識・能力や 授業の目的・到達目標	The course will enable students to: (1) grasp the complexity of Earth's natural environment as a system; (2) gain familiarity with systemic thinking and the cross-disciplinary approach; (3) gain awareness of the scale and severity of the global environmental crisis; (4) develop a responsible attitude as citizens of the global community and potential leaders in their fields.					
授業計画・内容 授業方法	The course consists of lectures, class discussion, group work and student presentations. 1. Guidance. Earth as a dynamic, complex system 2. The Biosphere. Key concepts in ecology. 3. Human dimensions of global environmental change 1 : Population dynamics 4. Human dimensions of global environmental change 2 : Economic development and the environment Earth's carrying capacity Ecological footprint 5. Society and resources 1: Water resources 6. Society and resources 2: Soil resources and farming systems Bio-resources: forests and fisheries 7. Society and resources 3: Energy resources 8. Environmental degradation 1: Pollution 9. Environmental degradation 2: Climate change (Documentary film) 10. Sustainable development concept and models. 11. SDGs and global environmental governance Sustainable lifestyles 1 13. Sustainable lifestyles 1 13. Sustainable lifestyles 2 (Documentary film) 14. Student presentations 1 15. Student presentations 2 Conclusions and recommendations					
授業外学習	The students are expected to: - read the assigned texts - submit short research notes for each topic - watch recommended documentaries					
テキスト・参考書等	Wright R.T., Boorse D. 2007: Environmental Science. Toward a Sustainable Future. Pearsons Prentice Hall Meadows D, Randers J. 2004: Limits to Growth. The 30-year Update. Chelsea Green Publishing Meadows D. 2008: Thinking in Systems. A Primer. Chelsea Green Publishing Rachel Carson (2000): Silent Spring. Penguin Books					
成績評価方法	Attendance 10% Class participation (assignments, group work, class discussion, feedback card) 30% Final presentation 30% Report (based on the presentation topic) 30%					
質問受付方法 (オフィスアワー等)	Office hours: Thursday 10:30-12:00 (appointment by e-mail : lisasaki@tmu.ac.jp)					

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特記事項 (他の授業科目との関連性)	Language requirement for Japanese students and non-native English speakers: a minimum of Eiken jun 1 level (TOEFL iBT 70~, IELTS 5.5) is highly recommended.					