

Subject Offerings and Credit Requirements for the IMAT Program

-Extracted from the Agreement Annex-

1. Summary of APU Requirements for the IMAT Program

To obtain a master's degree from APU, students must complete the required credits in categories A through D below (the credits listed are Japanese credits):

- A. Analytical Foundation Subjects – 4 Credits
- B. Core Subjects of the Asia Pacific Region – 4 Credits
- C. Seminars – 4 Credits (including credits earned for Final Research Project (2 credits))
- D. Major Subjects (Sustainability Science) – 10 credits

2. IMAT Program Requirements at APU

To complete the Program, Program students must earn at least 32 APU credit points. The details of the mutual grade and course recognitions are set forth in separate Deans' agreements in order to reflect on changing curriculars. As of batch 2021/2022 the following required credits in each category are mentioned in the preceding Clause and reflected by the underlying. The courses may change based on individual curriculum reforms at the partner institutions levels subject to an agreement by the project coordinator and confirmation by the IMAT steering committee.

Both partners ensure that mutual course recognition is created under the spirit of similar learning objectives and student workload to complete the courses. The program coordinator will work closely together to ensure a smooth transfer and course recognition.

A. Analytical Foundation Subjects (2 x 2 credits = 4 credits)

1. Research Methods and Academic Writing
2. Information Resources and Data Analysis

B. Core Subjects on the Asia Pacific region (2 x 2 credits = 4 credit minimum)

1. Politics and Economics in the Asia Pacific
2. Environment and Sustainable Development in the Asia Pacific
3. Social and Cultural Processes in the Asia Pacific
4. Tourism in the Asia Pacific
5. Public Health in the Asia Pacific

C. Seminars (2 x 2 credits = 4 credit minimum)

6. Research Project I
7. Research Project II
8. Research Project III
9. Final Research Project

D. Major Subjects (5 x 2 credits = 10 credit minimum)

Master of Science in Asia Pacific Studies		Master of Science in International Cooperation Policy			
Society and Culture	International Relations	Development Economics	International Public Administration	Sustainability Science	Tourism and Hospitality
<u>Cultural Change</u>	Comparative Politics and Government	Macroeconomics	International Organizations	<u>Environmental Policy, Law and Administration</u>	Tourism Policy and Planning
Sociology of Everyday Life	Conflict Resolution	<u>Microeconomics</u>	International Public Administration	<u>Environment and Natural Resources Conservation</u>	Tourism Economics
<u>Changing Social Landscapes</u>	International Political Economy	Development Economics	<u>Project Management</u>	<u>Industrial Ecology</u>	Community Based Tourism
Media & Communication	International Security	<u>Development Finance</u>	Planning and Evaluation	<u>Environmental Economics</u>	Cultural and Heritage Tourism
Migration & Trans-nationalism	Regionalism and Globalization	<u>Community Development</u>		<u>Urban Sustainability</u>	Environmental Tourism
Social Organizations and Institutions	International Law	Comparative Economic Development	Disaster Relief and Rehabilitation	<u>Advanced Environmental Geosciences</u>	Health and Wellness Tourism
Special Studies (Society and Culture)	Special Studies (International Relations)	Special Studies (Development Economics)	Special Studies (International Public Administration)	<u>Special Studies (Sustainability Science)</u>	Special Studies (Tourism and Hospitality)
Core Related Subjects: Management Information Systems, Database Management, Advanced Data Analysis and Statistics, Decision Making Under Uncertainty, Information Technology and Operations Management, Product Development Strategy, Marketing Strategy, Marketing Research, Hospitality Management					

3. IMAT Program Requirements at HT

To obtain a degree from HT, Program students must complete all subjects agreed in the relevant Deans agreement based on the current valid curricular of the partner institutions. The example of the table below is valid until curricular changes of the partner institutions as of Fall semester 2021/2022 which must be communicated and agreed upon at least 6 months before a new batch is starting. The necessary communication work shall be done by the project coordinators.

Curricular changes, which in future are necessary due to curriculum reforms at any of the partners, shall be incorporated as future amendments to the contract based on mutual consent of both partners.

4. Subjects and Credit Conversion

Subjects required for the completion of graduate school at APU shall be substituted for the corresponding subjects and credit numbers at IfaS according to the table below.

Program students who fail to earn all of the credits they need to obtain a degree from APU in their first year, excluding Final Research Project (which is taken in the second year at HT, can request the transfer of up to 10 credits earned at IfaS back to APU to fulfill their completion requirements, and IfaS subjects will be substituted with APU subjects according to this same table.

No	APU	JP Credits (JPC)	IfaS	ECTS
A. Analytical Foundation Subjects				
A.1	Research Methods and Academic Writing	2	M3 Research Management and Applied Material Flow Management	6
A.2	Information Resources and Data Analysis	2	M10 Elective	6
B. Core Subjects on the Asia Pacific Region				
B.1	Politics and Economics in the Asia Pacific	2	M11 Regional Material Flow Management	6
B.2	Environment and Sustainable Development in the Asia Pacific	2	M5 Elective (Natural Science for Engineers)	6
B.3	Social and Cultural Processes in the Asia Pacific	2	M15 Elective	6
C. Seminars				
C.1	Research Project I	2	M16 Master's Thesis Semester	24
C.2	Research Project II	2		
C.3	Final Research Project	2		
D. Major Subjects for the Sustainability Science Division				
D.1	Environment and Natural Resources Conservation	2	M1 Environmental Challenges and Green Business Opportunities	6
D.2	Industrial Ecology	2	M9 Industrial Ecology and Industry 4.0	6
D.3	Environmental Economics	2	M2 Business Planning for Engineers	6
D.4	Urban Sustainability	2	M14 Technical Aspects of Bio-Economy and Resilient Societies	6
D.5	Advanced Environmental Geosciences / Environmental Policy, Law and Administration	2	M4 International Policies, Strategies and Case Studies on Circular Economy	6
D.6		2	M7 GHG Mitigation in Industry and Society: Technical and Economical Aspects of Climate Protection	6
D.7	Special Studies (Sustainability Science)	2	M6 Sustainability Management in Industry	6

E. Major Subjects for Other Divisions				
E.1	Project Management	2	M8 Practical MFM Research Project	6
E.2	Cultural Change / Social and Cultural Processes in the Asia Pacific 2nd option: Changing Social Landscapes	2	M13 Sustainable Energy System	6
E.3	Optional: Development Finance / Microeconomics / Community	2	M12 Integrated Water Resources Management	6
E.4	Development	2	M14 Technical Aspects of Bio-Economy and Resilient Societies	6
Total (without Master 's Thesis)		38	Total ECTS (without Master 's Thesis and oral defense)	96

5. Grading System

Grades shall be converted between parties for use in the differing education systems as follows.

IMAT-Dual-Degree Grading System				
APU Grading System		HT Grading System		Pass/ Fail
APU Grade	% Equivalence	IfaS Grade	% Equivalence	
A+	90-100%	1.0	100-94.5%	Pass
		1.3	94-89.5	
A	80-89%	1.7	89-86.5%	
		2.0	86-83%	
		2.3	82.5-79.5%	
B	70-79%	2.7	79-76.5%	
		3.0	76-73%	
		3.3	72.5-69.5	
C	60-69%	3.7	69-64.5%	
		4.0	64-59.5%	
F	59% or lower	5	59-0%	Fail