

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 credits points. The details of the mutual grade and course recognitions are set forth in separate Deans agreement in order to reflect on changing curriculars. As of batch 2019/2020 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 the mutual course recognition is created under the spirit of similar learning objectives and student work load 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	Public Health Management
<u>Cultural Change</u>	Comparative Politics and Government	Macroeconomics	International Organizations	<u>Environmental Policy, Law and Administration</u>	Tourism Policy and Planning	Public Health Essentials
Sociology of Everyday Life	Conflict Resolution	<u>Microeconomics</u>	International Public Administration	<u>Environment and Natural Resources Conservation</u>	Tourism Economics	Epidemiology
<u>Changing Social Landscapes</u>	International Political Economy	Development Economics	<u>Project Management</u>	<u>Industrial Ecology</u>	Community Based Tourism	Healthcare Economics
Media & Communication	International Security	<u>Development Finance</u>	Planning and Evaluation	<u>Environmental Economics</u>	Cultural and Heritage Tourism	Biostatistics
Migration & Trans-nationalism	Regionalism and Globalization	<u>Community Development</u>		<u>Urban Sustainability</u>	Environmental Tourism	Bioinformatics
Social Organizations and Institutions	International Law	Comparative Economic Development	Disaster Relief and Rehabilitation	<u>Advanced Environmental Geosciences</u>	Health and Wellness Tourism	Environmental Health
Special Studies (Society and Culture)	Special Studies (International Relations)	Special Studies (Econometrics)	Special Studies (e-Governance)	<u>Special Studies (Sustainability Science)</u>	Special Studies (e-Tourism)	Special Studies (Public Health Management)

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 IfaS

To obtain a degree from IfaS, 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 2019/2020 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 IfaS), 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.

Please consider subjects in the left "APU" list that are listed alone as being IMAT "required" subjects.

No	APU	JP Credits (JPC)	IfaS	ECTS
A. Analytical Foundation Subjects				
A.1	Research Methods and Academic Writing	2	13.4 Selective IV: Practical Research Project Development and Fundraising	4
A.2	Information Resources and Data Analysis	2	13.2 Selective I: MFM-Seminar of the Partner Universities	4
B. Core Subjects on the Asia Pacific Region				
B.1	Politics and Economics in the Asia Pacific	2	1.3 Regional Development Strategies	4
B.2	Environment and Sustainable Development in the Asia Pacific	2	MODULE 1: ECOSYSTEM MANAGEMENT (50%)	3
B.3	Social and Cultural Processes in the Asia Pacific	2	Optional: 11.1 Cultural Aspects of System Change	(2)
C. Seminars				
C.1	Research Project I	2	Master Thesis Semester	(6)
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	MODULE 1: ECOSYSTEM MANAGEMENT (50%)	3
D.2	Industrial Ecology	2	4.1 Industrial Ecology	2
D.3	Environmental Economics	2	9.1 Business Plan Development	2
D.4	Urban Sustainability	2	4.2 International ZE Policy Approaches: Case Studies from Asia, Africa and Europe	4
D.5	Advanced Environmental Geosciences / Environmental Policy, Law and Administration	2	10.1 – 10.2 Selective II: MFM-Seminar of the Partner Universities	4
D.6		2		
D.7	Special Studies (Sustainability Science)	2	MODULE 12: PHYSICS AND CHEMISTRY FOR THE ENVIRONMENT (Alternative 3.1-3.2) Second Option: 3.1 Principles of Industrial Material Flow Management and 3.2 Sustainability Management and Reporting	(6)

E. Major Subjects for Other Divisions				
E.1	Project Management	2	13.1 Project Planning and Project Management	2
E.2	Cultural Change / Social and Cultural Processes in the Asia Pacific 2nd option: Changing Social Landscapes	2	11.1 Cultural Aspects of System Change	2
E.3	Optional: Development Finance / Microeconomics / Community	2	13.3 Selective III: MFM-Seminar of the Partner Universities	4
E.4	Development	2		
Total (without Master Thesis)		38	Total (incl. 6 JPC for Seminar Courses)	(52)

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