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WP – MANAGEMENT PLATFORM

**MODEL FOR THE ANALYSIS OF A DEGREE PROGRAMME AND ITS QUALITY MONITORING
ACCORDING TO A STUDENT-CENTRED APPROACH TAILORMADE FOR MYANMAR UNIVERSITIES**

1. University:

University of Mandalay

2. Department:

Department of Geography

3. Name of the Degree Programme:

B.A (Geography)

4. Level of the Degree Programme (BA or MASTER):

B.A

5. Total number of Course Units in the Degree Programme:

48

6. Amount of teaching hours for each Course Unit in the Degree Programme:

Sr.	Year	FC	CC	EC	Credit Point	Teaching Hour	Remarks
1	First	2	2	Select 2 from 9 Courses	1 Lecture 1 Credit	CC 3 Hours Per Week	2 Tutorial 1 Credit
2	Second	1	3	Select 2 from 9 Courses	1 Lecture 1 Credit	FC & EC 2 Hours Per Week	Total Credit 22
3	Third	1	4	Select 1 from 2 Courses	1 Lecture 1 Credit	Tutorial 2 Hours Per Week	Total Hours 28
4	Fourth	1	5	Nil	1 Lecture 1 Credit		

FC = Foundation Course

CC = Core Course

EC = Elective Course

7. Total number of Students of the Degree Programme: 74

First Year 26

Second Year 38

Third Year 4

Fourth Year 6

8. Number of teaching staff: 16 (including (1) Tutor)

9. Composition of teaching staff (from assistant lecturer to professors):

Assistant Lecturer 1

Lecturer 8

Associate Professor 4

Professor 2

10. Teachers' workload (eg. how many course units can hold one teacher? how many hours of lessons in one semester/year for one teacher?):

One teacher can hold 3 to 5 course units

An Assistant Lecturer 135 hours per semester/ 270 hours per year (have to teach 3 Courses or modules)

A Lecturer 180 hours per semester/ 360 hours per year (have to teach 4 Courses or modules)

An Associate Professor 180 hours per semester/ 360 hours per year (have to teach 4 Courses or modules)

A Professor 90 hours per semester/ 180 hours per year (have to teach 2 Courses or modules)

11. Goals of the programme (as it is now in the programme description published in the website):

To become an efficient geographer who can integrate and change the geographic disciplines into effective tool for general development
To be expert in doing practical survey, map drawing and research work by using academic insights with GIS and RS tools
To be skillful in transferring the knowledge of discipline to use effectively for both academia and public including different stakeholders

12. Key Degree Programme competences

By competence we mean a quality, ability, capacity or skill that is developed by and that belongs to the student.

Tips for writing:

Please identify generic and specific competences for the Degree Programme. The competences should reflect an area of capability in relation to the identified level (e.g. Bachelor, Master).

You can check a possible list of generic competences here:

<http://www.unideusto.org/tuningeu/competences/generic.html>

For specific competences, you can check here:

<http://www.unideusto.org/tuningeu/competences/specific.html>

Doing this exercise, please consider, identify, and describe the potential fields in which your graduates may typically find employment in Myanmar. Don't forget to identify the programme's contribution to develop citizenship and personal culture of a graduate.

Generic:

1. Ability to apply knowledge in practical situations
2. Capacity to learn and stay up-to-date with learning
3. Ability to plan and manage time
4. Ability to search for, process and analyse information from a variety of sources
5. Capacity to generate new ideas
6. Ability to work in a team

7. Ability to adapt to and act in new situations
8. Ability to evaluate and maintain the quality of work produced
9. Ability to motivate people and move toward common goals
10. Ability to work in an international context
11. Ability to identify, pose and resolve problems

Subject specific:

1. Ability to work in a multicultural team
2. Ability to work on an interdisciplinary area
3. Ability to undertake field investigations and surveys using appropriately sensitive methodologies
4. Ability to draw map using GIS and RS tools
5. Ability to do research in spatial science with different contexts
6. Ability to understand more about the relations between Physical and Human characteristics with intellectual insights
7. Ability to analyse and structure a problem of the respective field of study and design a solution

13. Degree Programme learning outcomes (PLO)

Learning outcomes are statements of what a learner is expected to know, understand and/or be able to demonstrate after completion of learning.

Tips for writing:

- 1) Incorporate or reflect the institutional and departmental missions;
- 2) Check whether learning outcomes meet the requirements/standards or expectation of board requirements, benchmark statements and other external reference points;
- 3) Make sure that they address all the competences you want to develop;
- 4) Concentrate on overarching knowledge and skills of the programme rather than an individual course unit;
- 5) Focus on what you expect your graduates to learn as a result of their study experience in terms of knowledge, abilities and attitudes;
- 6) Make sure that learning outcomes are in line with the courses in the programmes and you have the means to reach them. Note any gaps or areas for improvement.

1. To be efficient in basic knowledge and fundamentals of geographic disciplines with intellectual insights
2. To be expert in doing practical survey and map drawing by using GIS and RS tools
3. To understand and evaluate the relations between human activities and physical environment
4. To be skillful in doing basic and advance researches related to field of geography and then apply in real world
5. To be efficient in the uses of methodologies for studying the prescribed modules and the other related ones
6. to be fulfill the knowledge about the spatio-temporal changes and its impacts on local, regional and global scales
7. To be a learned person who can persuade others to be interested in the process of lifelong learning

14. Course Unit learning outcomes

Tips for writing:

- 1) Include all the courses units of the programme.
- 2) Construct appropriate learning outcomes at course unit level, bearing in mind how these might combine to fulfil a Programme learning outcomes and how they will be achieved. Be particularly aware of where, and how, Generic competences are addressed;
- 3) Limit course learning outcomes to 5-8 statements;
- 4) Focus on overarching knowledge/skills, not on the details that are central to the course (look at course goals);
- 5) Make sure that statements are student-centred;
- 6) Focus on results and not activities.

Sr.	Semester	Module No	Module Name	Course Unit Learning Outcomes	Remarks
1	I	1101	Physical Geography	1) to study the landform, earth structure and processes	First Year
				2) to observe the gradation, weathering and mass movement	
				3) to know about land sculpture by underground water and stream	
				4) to recognize the landform of arid regions	
				5) to describe the glaciation and glacial landforms	
				6) to identify the coastal landforms and the global oceans	
2	I	1102	Map Work and Basic Techniques-1	1) to learn the measurement of angles and directions	First Year

				2) to observe the determination of location: scale and plans	
				3) to recognize the graphical representation	
				4) to understand semi-logarithmic graphs and double log graphs	
				5) to study the methods of illustrating distribution graphically	
3		1001	Myanmar	1) to know the basic knowledge of Myanmar literature	
4		1001	English	1) to know the basic knowledge of English literature	
5		1001	Aspects of Myanmar	1) to know the Geographic setting and background history of Myanmar	
6		1001	Logic in Practice I	1) to know the basic principles of logic	
		1001	Introduction to Myanmar Civilization I	1) to know the civilization of Myanmar from Historical perspective	
		1001	General Chemistry I	1) to know the basic principles of Chemistry	
		1001	General Physics I	1) to know the basic principles of Physics	
		1002	Mathematics I	1) to know the basic principles of Mathematics	
		1001	General Geology I	1) to know the basic principles of Geology	
		1001	Varieties of Plants and Their Relatives	1) to know the varieties of Plants and their relatives	
		1001	Organizations and Variety of Life	1) to know the organizations and variety of Life	
1	II	1103	Climatology	1) to understand the earth and its movement	First Year
				2) to observe the solar energy and temperature	
				3) to study the atmospheric pressure and wind	
				4) to recognize the moisture, condensation and precipitation	
				5) to understand the air masses and atmospheric disturbances	
				5) to know the relation between climate and vegetation	
				6) to remember the climatic regions	
2	II	1104	Map Work and Basic Techniques-2	1) to know the nature of Isolines	First Year
				2) to study about weather maps	
				3) to observe the Koppen system of climatic classification and interpretation of climatic data	

				4) to understand the determination of latitudes and longitudes	
				5) to recognize the relation between longitude ad time	
				6) to remember the system of astronomical co-ordinates	
3		1002	Myanmar	1) to know the basic knowledge of Myanmar literature	
4		1002	English	1) to know the basic knowledge of English literature	
5		1002	Aspects of Myanmar	1) to know the Geographic setting and background history of Myanmar	
6		1003	Logic in Practice II	1) to know the basic principles of logic	
		1004	Introduction to Myanmar Civilization II	1) to know the civilization of Myanmar from Historical perspective	
		1002	General Chemistry II	1) to know the basic principles of Chemistry	
		1002	General Physics II	1) to know the basic principles of Physics	
		1004	Mathematics II	1) to know the basic principles of Mathematics	
		1003	General Geology II	1) to know the basic principles of Geology	
		1002	Importance of Plants	1) to know the importance of Plants	
		1002	Life Processes	1) to know the Life Processes	
1	I	2101	Integrated Human Geography	1) to know well about the images and the environmet	Second Year
				2) to construct Mental maps by using Individual travel	
				3) to explain about the Information flow, commodity flow and causes of migration	
				4) to compare the different transportation networks	
				5) to interpret the pattern of industrialization	
				6) to illustrate the system of cities	
				7) to explain the symbolic location, land allocation and control of space	
2	I	2102	Geography of Developing Countries	1) to compare the development of Bangladesh, India, Pakistan, Srilanka, Bhutan and Nepal (South Asia)	Second Year

				2) to illustrate the geographic features of Iran, Iraq, Israel (Middle east)	
				3) to portray the development of Korea and People Republic of China (East Asia)	
				4) to differentiate the geographic favours of Argentina, Brazil, Chile and Venezuela (South Africa)	
				5) to relate the geographic features of Cuba with Jamaica (Central America: Caribbean Sea)	
				6) to compare the different levels of African countries namely Egypt, Ghana, Kenya, Morocco, Nigeria, Republic of South Africa and Sudan (Africa)	
3	I	2103	Surveying and Map Projection	1) to understand and use different types of surveying methods (pacing method, chain, plane table and prismatic compass) systematically	Second Year
				2) to be efficient in using theodolite and levelling	
				3) to be skillful in surveying for producing topographic map	
				4) to interpret the methods of Triangulation, Aerial survey and Remote Sensing the earth survey via scanner	
				5) to get knowledge about historical background and to recognize the types and cases of projections	
				6) to be efficient in drawing Zenithal, Conic, Cylindrical and Conventional projections	
4	I	2001	English	1) to be understand and use English based on four skills	
5	I	2104	Fundamentals of Remote Sensing	1) to get basic knowledge about Remote Sensing	Elective
				2) to understand the nature of Electromagnetic energy	
				3) to know the different nature of Sensor and platform	
				4) to get knowledge about Image enhancement and visualization	
				5) to understand about Digital image classification	
				6) to get knowledge about Aerial photo and image interpretation	
				7) to apply the techniques of remote sensing	
6		2002	Ethics of Environmental Conservation I	1) to observe the Ethics of Environmental Conservation	
		2002	World History (1900-Present) I	1) to study World History from 1900 to present	

		2001	Outline Geology of Myanmar I	1) to know the basic geologic setting of Myanmar	
		2001	Biodiversity I	1) to know the importance of Biodiversity	
		2001	Invertebrate	1) to observe the relative importance of invertebrate	
		2002	Mathematics I	1) to be skillful in Mathematics	
		2003	Soil Chemistry (for Geography)	1) to observe the chemical composition of soils and its importance	
		2003	Electric and Magnetic fields	1) to study the Electric and Magnetic fields	
1	II	2105	Environmental Geography	1) to know well about the ecological background	Second Year
				2) to observe the impact of human being on the environment	
				3) to get knowledge about Energy	
				4) to make the relations among Soils, Land and Materials	
				5) to know well about the importance of Air and Water	
				6) to do the Planning for sustainable society	
				7) to learn the State of the environment in Myanmar	
2	II	2106	Geography of Developed Countries	1) to portray the geographic features of United Kingdom	Second Year
				2) to mention the facts about re-united Germany	
				3) to observe the geographic background of France	
				4) to make a systematic study on The United State of America	
				5) to make a comprehensive study on Canada	
				6) to assess the mineral wealth of Australia from its geographic favours	
				7) to know about the regional geography of New Zealand	
				8) to learn the the Island State of Japan	
3	II	2107	Cartography and Topographic Map Reading	1) to learn about making maps in ancient times	Second Year

				2) to observe the materials needed for drawing maps with presentation and maintenance of maps	
				3) to study for making contour maps with design patterns and colours used	
				4) to draw the different relief models systematically	
				5) to learn about the Index map of Myanmar, drawing sketch maps and thematic mapping	
				6) to recognize the basic principles of map reading	
				7) to be skillful in map interpretation and drawing of sketch and section	
4	II	2002	English	1) to be understand and use English based on four skills	
5	II	2108	Fundamentals of Geographic Information System	1) to know the basic concepts of geographic information system	Elective
				2) to learn the uses of Co-ordinate system	
				3) to get knowledge about data models, data structure and spatial data management	
				4) to be expert in Spatial analysis	
				5) to know about Modelling surface and network	
				6) to be skillful in Output generation	
6		2007	Ethics of Environmental Conservation II	to observe the Ethics of Environmental Conservation	
		2005	World History (1900-Present) II	to study World History from 1900 to present	
		2002	Outline Geology of Myanmar II	to know the basic geologic setting of Myanmar	
		2002	Biodiversity II	to know the importance of Biodiversity	
		2002	Vertebrate	to observe the relative importance of vertebrate	
		2005	Mathematics II	to be skillful in Mathematics	
		2006	Water Chemistry (for Geography)	to observe the water chemical and its importance	
		2004	Thermal Physics	to study the thermal physics	
1	I	3101	Soils Geography	1) to compare the different definitions of soil	Third Year

				2) to observe Soil genesis, soil profile and soil components	
				3) to learn the Properties of soil	
				4) to recognize the Soil forming factors with classification of soils	
				5) to understand well about Soil erosion and soil conservation	
2	I	3102	Geography of Settlement	1) to observe the influencing factors and value of settlement	Third Year
				2) to understand the system of Classification and types of settlement	
				3) to make a comprehensive study on Rural settlement	
				4) to understand better the rural settlement in Myanmar	
				5) to get knowledge about Urban settlement and apply them in practice	
				6) to make an assessment on the key issues in settlement study	
3	I	3103	Economic Geography I	1) to observe the nature of economic geography	Third Year
				2) to make a comparative study on Physical bases vs economic bases	
				3) to learn about the Institutional Bases	
				4) to make a comprehensive study on Transportational bases	
				5) to observe the different nature of Noncommercial economies and their role of importance	
				6) to know about Extractive activities with analytical mind-set	
4	I	3104	Descriptive Statistics in Geography	1) to know and apply the Characteristics of data	Third Year
				2) to learn the method of Taking a sample and apply them effectively	
				3) to be skillful in Measure of central tendency for practical uses	
				4) to be expert in manipulation of Deviation and variability	
				5) to apply the Methods of correlation in practice	
				6) to be efficient in drawing Regression lines and confidence limits	
				7) to understand well about Fluctuations and trends with applied sense	
5	I	3001	English	1) to be efficient in uses of four skills	
6	I	3105	Geography of World Regions	1) to analyse the concept of region and measure of development	Elective
				2) to make an analytical study on Americas (north, middle and south)	

				3) to assess the relative importance of Europe	
				4) to analyse the Russia and newly independent states	
				5) to make a comparative study on North Africa and South West Asia	
				6) to monitor the development pattern of Sub-Sahara Africa	
				7) to make a comparative study on Asia (South, East and Southeast)	
				8) to assess the future potentialities of Oceania	
	I	3106	Rural Geography	1) to identify the nature and stability of rural settlement	Elective
				2) to observe and analyse the form and development of rural settlement	
				3) to assess the nature, problems and approaches to rural development	
				4) to analyse the different patterns of rural development	
				5) to do a practical research by using case study approach	
1	II	3107	Biogeography	1) to understand deeply about definition and approach of Biogeography	Third Year
				2) to observe the aquatic origin and classification of plants	
				3) to know thoroughly on the factors of the habitat and the processes of plant succession	
				4) to classify the different types of natural vegetation	
				5) to learn deeply on nature of animal geography	
				6) to make a comprehensive study on the conditions of existence for animals	
				7) to classify animals and analyse the Barriers to distribution and means of dispersal	
				8) to assess the relative importance of the effect of geographic isolations	
2	II	3108	Urban Geography	1) to study the nature of urban geography with urban transformation	Third Year
				2) to analyse the process of urbanization	
				3) to make a comparative study on the world cities	
				4) to criticize the dynamics of urban system	
				5) to make an analytical account on the relations between people and urban environment	

3	II	3109	Economic Geography II	1) to learn about the concept of economic geography by focusing with agricultural location	Third Year
				2) to understand and define the spatial characteristics of the farm	
				3) to make an assessment on the bases of manufacturing location	
				4) to analyse the different forms of manufacturing pattern	
4	II	3110	Inferential Statistics in Geography	1) to understand fully on the normal frequency distribution curve and its characteristics	Third Year
				2) to calculate efficiently on Probability assessments	
				3) to contribute the results of sample characteristics and sampling error	
				4) to understand and apply the comparison of sample values	
5	II	3002	English	1) to be efficient in uses of four skills	
6	II	3111	Cultural Geography	1) to learn about human geography emphasizing with cultural perspectives	Elective
				2) to design the effective learning programme on population and culture	
				3) to portray and analyse the different cultural landscapes of the world	
				4) to assess the factors shaping the cultural landscape	
				5) to evaluate the relative importance of race and ethnicity	
				6) to monitor the status of gender and the geography of inequality	
		3112	Medical Geography	1) to observe the close relations between Environment and health (water quality)	Elective
				2) to know the relations between Diseases and ecology	
				3) to understand well about the Geography of nutrient	
				4) to be aware of the importance of Geography in health care services	
				5) to be aware of the importance of Geography in traditional medicines	
				6) to know and assess the relative importance of social problems in different geographic context	
1	I	4101	Geomorphology I	1) to learn deeply on What, Why and How of Geomorphology	Fourth Year
				2) to explain the connections between the Endogenic processes and the resisting framework	
				3) to find out the relations between Chemical weathering and soils	

				4) to make a comparative study on Physical weathering, mass movement and slopes	
				5) to analyse the Drainage basin by focusing with development, morphometry and hydrology	
				6) to assess the relative importance of Fluvial processes in landform configurations	
2	I	4102	Political Geography I	1) to observe the Development of political geography by means of temporal perspectives	Fourth Year
				2) to analyse the relative importance of Location, size, shape, relief and climate	
				3) to assess the role of Inland water bodies in political sense	
				4) to make a comprehensive study on the importance of Islands and peninsulas	
				5) to depict the political significance of Frontiers, buffer states (zones) and boundaries	
3	I	4103	Geography of Myanmar I	1) to learn about Location, size, shape and boundaries of Myamar	Fourth Year
				2) to recognize the Paleogeography of Myanmar	
				3) to analyse the relations between Physical bases and demographic factors	
				4) to assess the Economic importance of agricultural activities	
				5) to portray the explicit features of Livestock, fishery and forestry	
				6) to analyse the status of manufacturing processes in Myanmar	
				7) to observe the development of Transportation and communication system in Myanmar	
4	I	4104	Agricultural Geography	1) to learn deeply about the Nature of agricultural geography	Fourth Year
				2) to trace and recognize the Origin of agriculture	
				3) to observe and explain the relations among Physical factors, socioeconomic factors and agriculture	
				4) to analyse the Agricultural systems of the world	
				5) to apply the Models used in agricultural geography	

				6) to assess the relations among Food, nutrition and health	
				7) to manipulate the Agricultural statistics and sampling	
				8) to make a comparative study on Agricultural regionalization	
5	I	4105	Application of Geospatial Technology in Geographical Analysis	1) to understand the fundamental concepts of geospatial application	Fourth Year
				2) to understand the geospatial data models with applied sense	
				3) to display the geospatial data with the respective maps	
				4) to create the geospatial data by means of GIS	
				5) to analyse the Spatial statistics	
6	I	4001	English	1) to apply the four skills of English in practical uses	
1	II	4106	Geomorphology II	1) to observe the patterns and processes of Fluvial landforms	Fourth Year
				2) to learn and explain about Wind processes and landforms	
				3) to observe the formation of Glaciers and glacial mechanics	
				4) to make an analytical account on Glacial erosion, deposition and landforms	
				5) to analyse the Periglacial processes and landforms	
				6) to analyse the Karst processes and landforms	
				7) to observe the development of Coastal zones by focusing with processes and landforms	
2	II	4107	Political Geography II	1) to assess the importance of population in political concept	Fourth Year
				2) to observe the relation between Core area and capitals	
				3) to appraise the correlations between Resources and power	
				4) to assess the critical role of Manufacturing industries in Politics	
				5) to apply the politics of transportation and communication	

				6) to make a comprehensive study on international trade, law of the sea and modern theories of the states	
				7) to analyse the changing nature of world political patterns under Globalization	
3	II	4108	Geography of Myanmar II	1) to make a comparative study on Seven states (Kachin, Kayah, Kayin, Chin, Mon, Rakhine and Shan)	Fourth Year
				2) to make a comparative study on Seven regions (Yangon, Mandalay, Magway, Sagaing, Bago, Tanintharyi and Ayeyarwady)	
				3) to analyse the critical role of Napyitaw (Capital of Myanmar)	
4	II	4109	Manufacturing Geography	1) to criticize the Development of industrial mode of life and types of manufacturing	Fourth Year
				2) to make an assessment on Bases of manufacturing location	
				3) to criticize the Parameters of manufacturing and manufacturing patterns	
				4) to depict and analyse the Major manufacturing regions of the world	
				5) to make a Geographical analysis on selected industries	
5	II	4110	Research Methodology in Geography and Field Training	1) to get perfect knowledge on Research in arts and science	Fourth Year
				2) to be efficient in Geographic methods and techniques	
				3) to solve the Research problems systematically and efficiently	
				4) to be efficient in Field methods used in physical and human geography	
				5) to apply the Research tools, research plan, research design and research approach	
				6) to be expert in writing Research report	
6	II	4002	English	1) to apply the four skills of English in practical uses	

15. Students' learning approaches, teaching approaches and assessment methods

Tips for writing:

Consider all Course Units and describe students activities (e.g. reading of assigned bibliography, participation in the seminars, presentation of information, working in groups,etc.), teaching approaches (lectures, seminars, excursions, ...), and assessment methods separately. Describe them as they are now.

Sr.	Course Unit Name	Student Learning Approach	Teaching Approaches	Assessment Methods
1	Physical Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
2	Map Work and Basic Techniques-1	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
3	Climatology	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
4	Map Work and Basic Techniques-2	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
5	Integrated Human Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
6	Geography of Developing Countries	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
7	Surveying and Map Projection	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
8	Fundamentals of Remote Sensing	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
9	Environmental Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
10	Geography of Developed Countries	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation

11	Cartography and Topographic Map Reading	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
12	Fundamentals of Geographic Information System	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
13	Soils Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
14	Geography of Settlement	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
15	Economic Geography I	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
16	Descriptive Statistics in Geography	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
17	Geography of World Regions	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
18	Rural Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
19	Biogeography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
20	Urban Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
21	Economic Geography II	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
22	Inferential Statistics in Geography	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
23	Cultural Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
24	Medical Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation

25	Geomorphology I	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
26	Political Geography I	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
27	Geography of Myanmar I	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
28	Agricultural Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
29	Application of Geospatial Technology in Geographical Analysis	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation
30	Geomorphology II	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
31	Political Geography II	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
32	Geography of Myanmar II	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
33	Manufacturing Geography	both surface and deep approaches	Lecture, discussion and study assignment	Tutorial, Group Discussion, Individual Presentation
34	Research Methodology in Geography and Field Training	both surface and deep approaches	Lecture, discussion and study assignment	Practical, Group Discussion, Individual Presentation

16. Mapping Student Performance.

Tips for writing:

- 1) Provide the numbers/indicators as indicated in the table (students' enrollment and students' curriculum career). If it is not possible, just explain why in the „description of the data“ column.
- 2) Provide a description of the data (es. student drop out), indicate the source (e.g. University's student records) and describe briefly how the data has been collected and stored (e.g. student's registration form and University's archives).

Sr.	Year	Enrollment	Career Progression							Source of Data and Stored	Remarks
			Seated	Passed	Failed	Absence	Gap	Passed Percent	Grade (\bar{X})		
1	First	26	21	18	3	5	2	85.71	3.77	Geography Department	
2	Second	38	38	26	12	0	0	68.42	3.86	Geography Department	12*
3	Third	4	4	2	2	0	0	50.00	3.51	Geography Department	
4	Fourth	6	6	6	0	0	0	100.00	4.27	Geography Department	2*
	Total	74	69	52	17	5	2	76.03			

* Qualify

17. How to create a satisfaction questionnaire for target groups.

Identify specific issue that you want to map (es. student's satisfaction of course teaching methods or teacher's workload or graduates employability)

Target	Issues	Questions
Students	Capacity	Do you think that failure in exam is related to teaching capacity of the teacher?
	Pedagogy	Do you feel that teaching pedagogy used in classroom is sufficient for understanding of the respective courses?
	Dropout	What are the major reasons for the classroom and exam absence of the students?
	Employability	Do you think that employability on your graduate is guarantee?
Teaching Staff	Capacity	Do you think that your teaching capacity is sufficient for the courses taught yourself?
		Do you think that you have well experience and expert in your specialization?
	Pedagogy	Do you feel that teaching pedagogy used in classroom is sufficient for understanding of the courses and students?
	Workload	Do you think that your existing workload is fit for your capacity or not?
Graduates	Capacity	Did you accept that you are the well qualified graduate in your specialization?
		Do you think that the degree you got is reliable for practical uses in real world?
	Employability	Do you think that the degree you got has the greater potentiality to get employment?
		How long did you take time to get employment after you have graduated?