

CURRICULUM REVISION PROGRAM
Enhancing Academic Program Quality by Integrating OBE-LCT Funded by
ELTA-ELSE -AHEAD Project
Faculty of Social sciences and Humanities:
Rajarata university of Sri Lanka 2020/2021

Degree Program				
1	1.1	Name of Degree program in all three languages	(English)	Bachelor of Arts (Hons) Degree Program
			(Sinhala)	ශාස්ත්‍රවේදී (ගෞරව) උපාධිය
			(Tamil)	
3	1.2	Name of Qualification in all three languages	(English)	Bachelor of Arts Honors in Economics
			(Sinhala)	ආර්ථික විද්‍යාව ශාස්ත්‍රවේදී (ගෞරව) උපාධිය
			(Tamil)	
	1.3	Abbreviated qualification	(English)	BA Hons. (Economics)
2		Programme Offering Entity		
	2.1	University	Rajarata University of Sri Lanka	
	2.2	Faculty/Faculties Institute/s	Faculty of Social Sciences and Humanities	
	2.3	Department/s (if applicable)	Department of Economics	
3		Details of the Degree Programme		
	3.1	Background to the programme		
		<p>The Rajarata University of Sri Lanka (RUSL) is one of the main universities in the country. It was established on 7th November 1995 under section 21 of the University Act No. 16 of 1978 and opened on 31 January 1996. Over the last 25 years, the university has become a centre of excellence in higher education in the North Central Province as well as in the country. At present, the university consists of six faculties namely; Social Sciences and Humanities, Management Studies, Medicine and Allied Sciences, Applied Sciences, Agriculture, and Technology.</p> <p>The Faculty of Social Sciences and Humanities of the RUSL was established with its</p>		

	<p>inception in 1995 and its main administrative complex is located in Mihintale. At present, the faculty has a student population of around 1500. The present intake was 450 students, and the faculty is planning to increase its student strength with the time.</p> <p>The Department of Economics of the Rajarata University of Sri Lanka was established as a separate department in 2020. Before the department was established, Bachelor of Arts Honors in Economics and students who take Economics as one of the three subjects in a General Arts Degree were offered by the Faculty of Social Sciences and Humanities (since 1996). Approximately 100 students undertake Economics as a subject under General Arts Degree program while around 30 students are enrolled to the Bachelor of Arts Honors in Economics in each year. At present department has 9 permanent academic staff, of them 5 holds PhD level qualification. During a short time, department has developed its academic, research, physical, and infrastructural facilities to well match with the world standards.</p> <p>Almost all the universities in Sri Lanka have begun revising their undergraduates' degree programs in an effort to meet society's demands for a 21st century workforce. At present economics degrees offered by various universities in the country are characterized by a lack of critical thinking, a lack of alternative perspectives, a lack of real-world application and a lack of ethical context. This will lead to not only fails economics students in the job market but society as a whole. The economics graduates of today, are the policy makers of tomorrow, but are ill-equipped to deal with the most pressing problems of our time. The Department of Economics of the Rajarata University of Sri Lanka has understood the value of the revision of its curriculum which is highly significant to better respond to the social, economic, environmental and political transitions, where the societal needs are considered as the foremost element of consideration in this process. Under the Ahead Project the department initiated to revise it curriculum in order to ensure alignment with national and international academic standards and develop the most innovative curriculum that highly fulfills the needs of the society.</p> <p>For this purpose, the department conducted several stakeholders' meetings. The curriculum revision process started in November 2020 is fully focused on the areas such as enrichment of the curriculum as per the needs of the local job market, SLQF guidelines, International benchmarking, the model of Outcome-Based Education (OBE) and Students Centered Learning (SCL). It is expected that this curriculum revision, prepared after consultation with prominent academics in this field would serve the purpose of meeting our national, social and economic needs, and it would also provide the level of competency specified in Sri Lankan Qualification Framework to make it compatible with international higher educational standards.</p>
<p>3.2</p>	<p>Justification (with Results of Survey)</p> <p>In order to identify the strength and weaknesses of the existing curriculum, the department conducted several stakeholders' workshops with the help of the main consultant. Furthermore, informal discussions with Key Informants (KIs) focusing local employers to better understand the local market needs and link the curriculum to the industry needs were</p>

	<p>carried out. Data gathered from formal and informal discussions were analyzed by the external consultant with the help of department members and results were used for the curriculum review process. A comprehensive national and international benchmarking were explored to analyze standardized national and international curriculums, compare and improve the contents, pedagogical and assessment methods of the existing curriculum based on the findings.</p> <p>In each step of the revision process, the program outcome considering the three major elements (Knowledge, skills, and attitude) were carefully identified and accordingly the contents, teaching methodology and assessment of the program were decided. After a series of meetings and consultations with the department members, the external consultant drafted the first version of the revised curriculum. The first draft of the revised curriculum was then sent to two external reviewers and their suggestions/ comments were well incorporated into the final version.</p>
	<p>3.2 a Objectives of the Degree Programme</p> <p>The Bachelor of Arts Honors in Economics degree programs at Rajarata University of Sri Lanka is expected to make persons who are eager and prepared to solve problems and make rational decisions in the 21st century. For this purpose, curriculum of the degree program is designed to equip students with the different types of knowledge and skills necessary for them to achieve this goal. The course content introduces students with the economy in which they live and provides them with an understanding of how economics relates to the other social sciences. The analytical approach of studying society of this program provides the students with the tools of analysis necessary to approach existing problems in the society and decision-making. Further teaching methods of the department is having the goal of promoting the cognitive development of the students. It is planned to create ethical persons with sufficient economics knowledge who want to serve society and further social justice. The department's aim is to train students with the economic aspects of modern society, to familiarize them with techniques for the analysis of contemporary economic problems, and to develop in them an ability to exercise judgment in evaluating public policy. This includes training for the honors degree student who plan careers as economists in public service, private enterprise, teaching, research or NGOs.</p> <p>Learning Objectives of the Bachelor of Arts Honors in Economics are :</p> <ol style="list-style-type: none"> 1. To provide a general understanding of the functioning of the economic system in the world while becoming familiar with salient developments in the world economy, in both present-day and historical contexts. 2. To demonstrate knowledge of the major concepts, historical and theoretical perspectives, and empirical findings in economics 3. To gain an understanding of core economic principles and how they apply to a wide range of real-world issues in the modern society.

4. To master the theoretical and applied tools necessary to undertake economic research while communicating ideas in writing and conversation with varied audiences.
5. To learn how to articulate principles-based policies to enhance economic well-being and compare multiple perspectives of an issue by identifying diverse dimensions, including social justice, social welfare, and social and environmental responsibility.
6. To prepare the student for employment in industry, the professions and government or to pursue postgraduate studies such as the M.A., MPhil., Ph.D. in economics or related fields.

In order to achieve these objectives, the structure of the degree programme is articulated to accommodate developing following skills.

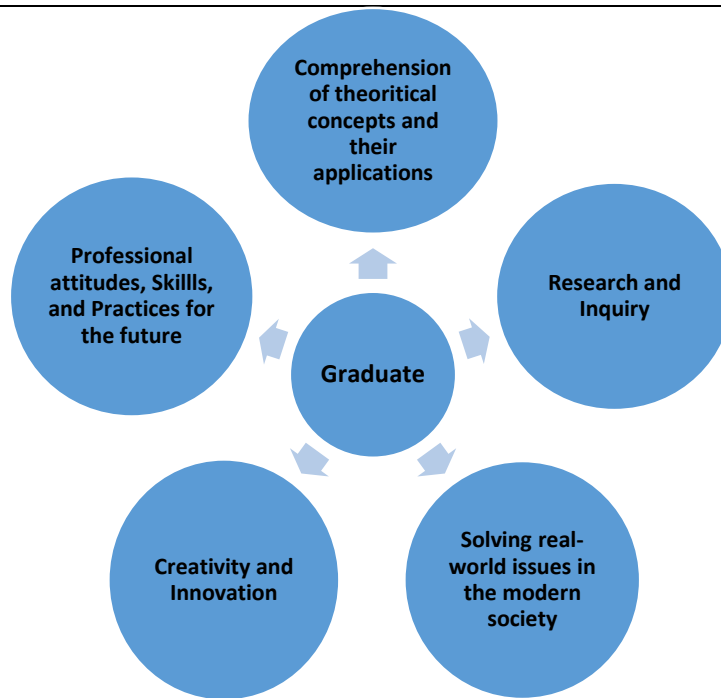
1. Critical thinking
2. Effective decision making
3. Quantitative reasoning
4. Problem-solving
5. Specialized knowledge and application
6. Communication and Leadership
7. Lifelong learning
8. Interdisciplinary Knowledge and Global Consciousness

Undergraduates should have the above knowledge and skills when they graduate in Bachelor of Arts Honors in Economics at Rajarata University of Sri Lanka.

3.2 b Programme Outcomes/ Graduate Profile

The Graduate Profile of Bachelor of Arts Honors in Economics degree program

To accomplish the higher educational objectives and to fulfill accreditation criteria, Bachelor of Arts Honors in Economics degree program at Rajarata University of Sri Lanka provide the knowledge, experience, and opportunities necessary for students to demonstrate their attainment of the certain learning outcomes. The degree program in Bachelor of Arts Honors in Economics contains a core group of theory courses, a series of quantitative skills courses, and field specialization courses that involve the applications of economic theory and quantitative analysis to major areas of study within a particular stream.



Programme outcomes

The department expects undergraduate in the program to be able to demonstrate the following learning outcomes. These learning outcomes are used in evaluating students and the department's undergraduate degree program. Students are expected to demonstrate their attainment of the following outcomes:

1. Demonstrate the ability to explain core economic terms, concepts and theories.
2. Demonstrate the ability to employ the economic way of thinking and be able to use critical thinking skills within the discipline of economics about economic matters.
3. Apply economic theories and concepts to contemporary social issues and undertake analysis of economics policy.
4. Present economic theory and applications in written and oral form while applying oral as well as written communication skills within the discipline.
5. Demonstrate the ability to collect, process, and interpret data, including statistical inference.
6. Explain basic estimators and their properties, estimate economic models using data, test hypotheses, forecast, and interpret estimates.
7. Demonstrate computer proficiency and software applications proficiency within economics.
8. Demonstrate awareness of global, historical and institutional forces.
9. Develop an awareness of career choices and the options for postgraduate study.
10. Recognize the role of ethical values in economic decisions.

The Department of Economics at Rajarata University has committed to assess above mentioned learning outcomes to ensure continuous improvement of the programme. A

		<p>regular and thoughtful practice of articulating and assessing student learning outcomes allows to ensure that graduates are receiving the world-class education that is proposed. Therefore, department is planning to use effective assessment methods in each module to affirm that above mentioned leaning outcomes are achieved. Each semester lecturers of undergraduate courses state on the syllabus the most important learning goals that students develop in the course. The committee that is formed within the department annually reviews the learning objectives and goals for courses to ensure consistency and to evaluate how well the curriculum provides adequate opportunity for students to achieve mastery of all learning goals before graduation. Department will take necessary actions to continuously review and affirm or improve the curricula based on feedback obtained from students.</p> <p>In order to implement this degree program successfully, the department will appoint an academic coordinator and a research coordinator who will assist the head of the department to run the programs smoothly. The Faculty Board of the Faculty of Social Sciences and Humanities will appoint those two coordinators for three years period within the department upon the recommendation of the Head of the Department. The Academic Coordinator is responsible for planning and monitoring an effective curriculum delivery, the achievement of departmental goals, learning outcomes, and the meeting of targets and benchmarks while the research coordinator is primarily responsible for overseeing and coordinating the undergraduate research and field training activities.</p>
	3.4	<p>Eligibility requirement (Entry Qualifications)</p> <p>List the GCE'AL subject basket: Following criteria will be used for the selection procedure for the Bachelor of Arts Honors in Economics</p> <ol style="list-style-type: none"> 1. Students must duly complete all the requirements and examinations of the first Level (foundation Level) 2. Students must have an average of "B" or high grade for the course units under Economics field at the first Level examinations. 3. Students must have passed for General English course, General Sinhala, Computer Literacy & Basic Math's units at the same examinations. 4. Students are required to face an interview conducted by the Department of Economics. 5. Extracurricular activities and language proficiency will be considered in conducting the relevant interview.
	3.5	<p>Admission process</p> <ol style="list-style-type: none"> i. UGC 'Z' score based selection <input type="checkbox"/> ii. 'Z' score & Aptitude Test <input type="checkbox"/> iii. 'Z' score + Aptitude Test + Interview <input type="checkbox"/>
	3.6	<p>Proposed Student Intake</p> <p>Intake: 30- 40 student/year</p>
	3.7	<p>Programme Duration and Credit Load</p> <p>The special degree program is four academic years (eight semesters) including the first</p>

	year (foundation year). The degree program works on credit system. To be eligible for the B.A. (Hons) Degree in Economics, a student must accumulate a total of 128 credits and satisfy other requirements prescribed by the faculty or the Department, such as credit compulsory courses like General English, General Sinhala, Basic Mathematics, computer Studies, Leadership and Ethics, Communication Skills and Critical Thinking.																																																												
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3.9	<p>a Targeted Sri Lanka Qualification Framework (SLQF) Level (Please tick ✓)</p> <table border="1"> <tr> <td>SLQF Level</td> <td>5 (Bachelors)</td> <td>6 (Bachelors Honours)</td> </tr> <tr> <td></td> <td></td> <td>✓</td> </tr> </table> <p>b Minimum requirements of SLQF fulfilled Yes ✓ <input type="checkbox"/> No <input type="checkbox"/></p>	SLQF Level	5 (Bachelors)	6 (Bachelors Honours)			✓																																																						
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3.10	<p>Programme Content (Attach as a separate document for 6/ 8 semesters – Please refer Annex III format)</p> <p>Semester 1 Course Code: Course Name: Credit Value: Hourly Breakdown: Theory/Practical/Independent Learning</p>																																																												

	<p>Course Aim/Intended Learning Outcomes: (how to write ILOs: At the completion of this course student will be able to - in action verbs)</p> <ul style="list-style-type: none"> ➤ ➤ ➤ <p>Course Content: (Main topics, Sub topics) Teaching /Learning Methods: Assessment Strategy: Continue Assessment:% Final Exam - Theory:% Practical:%</p> <p>References/Reading Materials:</p>
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Department of Economics, Rajarata University of Sri Lanka
Revised Curriculum of the Bachelor of Arts Honours in Economics Degree Program

Year & Semester	Course Code and Title	Status (Compulsory/Optional)	Credit	Notional Hours
Year 1: S1	MATH 11012 Basic Mathematics	C	2	100
	COMP 11012 Introduction to Computer Studies	C	2	100
	GENG 11012 General English	C	2	100
	SINH 11012 General Sinhala	C	2	100
	ECON 11012 Elementary Microeconomics I	C	2	100
	ECON 11022 Elementary Macroeconomics I	C	2	100
	8 Credits of four courses from 2 other main disciplines	C	8	400
	Year 1: S2	COMP 12012 Basic Computer Application	C	2
GENG 12012 General English		C	2	100
ECON 12012 Elementary Microeconomics II		C	2	100
ECON 12022 Elementary Macroeconomics II		C	2	100
8 Credits of four courses from 2 other main disciplines		C	8	400
Total Credits and Notional Hours.at Year 01			36	1800
Year 02: S1	ECON 21012 Intermediate Microeconomics	C	2	100
	ECON 21023 Mathematics for Economics I	C	3	150
	ECON 21032 Theory in History	C	2	100
	ECON 21043 Business Statistics I	C	3	150
	ECON 21052 International Economics	C	2	100
	ECON 21062 Sri Lankan Economics	C	2	100
	ECON 21071 Seminar in Economics	C	1	50
	ECON 21081 Business Communication Skills	NGC	1	50
Year 02: S2	ECON 22012 Intermediate Macroeconomics	C	2	100
	ECON 22023 Mathematics for Economics II	C	3	150
	ECON 22033 Business Statistics II	C	3	150
	ECON 22042 Economics of Entrepreneurship and SMEs	C	2	100
	ECON 22052 Econometrics I	C	2	100
	ECON 22062 Managerial Economics	C	2	100
	ECON 22071 Field Training and Out-source Activities	C	1	50
	ECON 22082 Business Law and Ethics	C	2	100
	ECON 22091 ICT for Data Management	NGC	1	50
Total Credits and Notional Hours.at Year 02			34	1700
Year 3: S1	ECON 31013 Advanced Microeconomics	C	3	150
	ECON 31022 Development Economics	C	2	100
	ECON 31032 Project Planning and Appraisal	C	2	100
	ECON 31043 Econometrics II	C	3	150
	ECON 31053 Public Sector Economics	C	3	150
	ECON 31061 Principles of Finance	NGC	1	50
	ECON 31072 Sustainable Development	O	2	100
	ECON 31082 Economics of Education	O	2	100

	ECON 31092 Environmental Economics	O	2	100	
	ECON 31102 Rural and Urban Economics	O	2	100	
	ECON 31112 Tourism Economics and Hotel Management	O	2	100	
Year 3: S2	ECON 32013 Advanced Macroeconomics	C	3	150	
	ECON 32023 Research Methods in Economics	C	3	150	
	ECON 32033 Econometrics III	C	3	150	
	ECON 32042 Money, Banking and Financial Markets	C	2	100	
	ECON 32051 Contemporary Issues in Economics	NGC	1	50	
	ECON 32062 Human Resource Management	O	2	100	
	ECON 32072 Political Economy	O	2	100	
	ECON 32082 Transport Economics and Policy	O	2	100	
	ECON 32092 Agricultural Economics	O	2	100	
	ECON 32102 Demographic Economics	O	2	100	
Total Credits and Notional Hours at Year 03			30	1500	
Year 4: S1	ECON 41012 Financial Risk Management	C	2	100	
	ECON 41022 Time Series and Panel Data Econometrics	C	2	100	
	ECON 41032 Development Planning and Implementation	C	2	100	
	ECON 41043 Research Project - Part 1	C	3	300	
	ECON 41052 Participatory Planning and Development	C	2	100	
	ECON 41061 Intelligence Quotient (IQ) for Undergraduates	NGC	1	50	
	Stream1: Agriculture and Environmental Economics				
	ECON 41072 Agricultural Marketing and Policy Analysis	O	2	100	
	ECON 41082 Environmental Valuation	O	2	100	
	Stream 2: Industrial Economics				
	ECON 41092 Industrial Economics	O	2	100	
	ECON 41102 Industrial Policies in Developing Countries	O	2	100	
	Stream 3: Development Economics				
	ECON 41112 Development Policy and Management	O	2	100	
	ECON 41122 International Development Practices	O	2	100	
	Stream 4: Demographic and Labour Economics				
	ECON 41132 Health Economics	O	2	100	
	ECON 41142 Economics of Labour Markets	O	2	100	
	Stream 5: International Economics				
	ECON 41152 International Trade Policy and Practice	O	2	100	
	ECON 41162 International Finance and Commercial Policy	O	2	100	
	Stream 6 : Statistics				
	ECON 41172 Big Data Management	O	2	100	
ECON 41182 Non-Parametric Methods	O	2	100		
Stream 7: Business Economics					
ECON 41192 Business Planning	O	2	100		
ECON 41202 Business Valuation Theory and Application	O	2	100		

Year 4:	ECON 42013 Research Project - Part II	C	3	300
S2	ECON 42026 Internship	C	6	600
	ECON 42032 Digital Economics	C	2	100
	ECON 42042 Methods of Data Analysis and Computer Application	C	2	100
	ECON 42051 Path to Competitive Examinations	NGC	1	50
Total Credits and Notional Hours at Year 04			30	2100
Minimum Number of Credits and Notional Hours for 4 Years			130	7100
Number of Credits counted to GPA calculation			124	6800

Notes

i.	NGC stands for Non GPA Compulsory Courses
ii.	Third Year Optional Courses: Students are expected to complete one course in each semester
iii.	Forth Year First Semester: Students are expected to select one stream and complete two courses in the same stream
iv.	Forth Year Second Semester: Students are expected to undertake Internship and will be outside of the University. Therefore, lectures will be delivered using online method. Students need to work maximum 4 days out of five working days in a typical week in their internship places. One working day is reserved for attending online lectures.

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Elementary Microeconomics 1
- Course Code:** ECON 11012 (30: 00: 70)
- Course Capsule:** Introduction to microeconomics, microeconomics and macroeconomics, positive statements and normative statements, needs, wants and scarcity, opportunity cost, production possibility frontier, factor of productions and their characteristics, the fundamental economic problems, economic systems, and their characteristics, alternative approach to solving real economic problems, market mechanism: demand, supply and price, market equilibrium, consumer surplus, and producer surplus, elasticity of demand and supply, government intervention to the market and deadweight loss.
- Course Aim:** To provide basic knowledge on the concepts of microeconomics, principles of microeconomics, and the microeconomic way of thinking so that students will be able to apply this knowledge and skills to identify the microeconomic issues in the real world.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the economics as a social science
 2. Differentiate microeconomics and macroeconomics
 3. Explain positive statements and normative statements
 4. Describe the needs, wants, and scarcity
 5. Describe opportunity cost and application of production possibility frontier
 6. List production factors and their characteristics
 7. Explain fundamental economic problems
 8. Describe economic systems and explain the alternative approach to solve fundamental economic problems
 9. Explain how markets work, market failure, and how market prices are determined
 10. Evaluate the impacts of government intervention on market
 11. Describe and calculate consumer surplus and producer surplus,
 12. Calculate elasticity of demand and supply

Lesson Sequence:

Week	Lesson No.	Related ILO.	Lesson Title	Time (hours)			Teaching/Learning Methods	Assessment Methods
				T	P	IL		
1	1	1	Discuss basic concepts of economics	2		3	L, D	
2	1	1,2	Explain difference between microeconomics and macroeconomics	2		9	L, D	
3	1	1,3	Explain positive statements and normative statements	2		3	D	AS1 start
4	2	1,4	Discuss needs, wants and scarcity concepts	2		3	L, GW	
5	3	1,5	Describe & discuss opportunity cost and application of production possibility frontier	2		5	L,D,GW	
6	4	6	Identify production factors and their characteristics	2		3	D, GW	AS1 due
7	5	7	Explain fundamental economic problems	2		7	L, D, SR	AS2 start
8	6	8	Describe economic systems and their characteristics	2		4	L, GW	
9	6	8	Determine an alternative approach to solve fundamental economic problems	2		4	L, D	
10			Presentations by students			2	SR	PR
11	7	9	Explain market mechanism: demand, supply, and price	2		6	L, D	
12	7	9	Describe & calculate market equilibrium	2		8	L,GW,D,SR	AS2 due
13	8	10	Identify the impacts of government intervention on market, deadweight loss	2		5	L,D,SR	
14	8	10, 11	Describe and calculate consumer surplus and producer surplus	4		4	L,D,SR	
15	9	12	Identify & calculate elasticity of demand and supply	2		4	L,D,GW	
Total				30		70		

Abbreviations: SR=Self Reading, L=Lectures, D=Discussion, PR- Presentation, GW- Group Work, IL=Independent Learning, AS=Assignment.

Assessment Strategy

In Course Continuous Assessment	40%
End Semester examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching Panel: Mr. HGKN Bandara

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
Presentations															
End-semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Guell, R. (2018). Issues in Economics Today: McGraw Hill
2. Hall, R. E., and Lieberman, M. (2005). Introduction to Economics: Thompson South-Western
3. Layton, A., Robinson, T. and Tucker, I.B. (2009). Economics for Today: Cengage Learning

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Elementary Macroeconomics I
- Course Code:** ECON 11022 (20: 20: 60)
- Course Capsule:** Introduction to macroeconomics, macroeconomic objectives, variables, policies and instruments, circular flow of economic activities, national income accounting, introduction to business cycles, money- definition, properties, functions, and different types of money. demand for money and supply of money, high powered money, money multiplier, the velocity of money, quantity theory of money, monetary system in Sri Lanka, The role of financial intermediaries, Introduction to commercial banking, introduction to international trade and finance.
- Course Aim:** To make students aware of macroeconomics concepts so that students will be able to apply this knowledge and skills to identify the macroeconomic issues in the real world around them by understanding how the economy works at the aggregate level.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the difference between macroeconomics and microeconomics
 2. Define macroeconomic objectives, macroeconomic variables, macroeconomic policies, macroeconomic problems, and macroeconomic instruments.
 3. Develop the relationship between the actors' economic activities in an economy as a circular flow of income.
 4. Calculate the GDP/GNP using the production, income and expenditure method
 5. Explain aggregate price level and inflation
 6. Describe the stages of business cycles.
 7. Explain the role of money and its functions, characteristics of good money, factors affecting demand for money.
 8. Calculate the different types of money supply, money multiplier, and velocity of money.
 9. Describe and distinguish the role of financial institutions in an economy.
 10. Describe the advantages and disadvantages of international trade.

Lesson Sequence

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	Theory hrs	Practica l hrs	IL hrs	Teaching /Learning Methods	Assessment Method
1	1.1	1	Define macroeconomics Discuss the difference between microeconomics and macroeconomics	1	2	4	L, D, CS	AS 1 Start
	1.2	1,2	Learn macroeconomic objectives, macroeconomic variables, macroeconomic policies, and macroeconomic instruments for macroeconomic management.	1		2	L, SGD	
2	2.1	3	Identify the circular flow of economic activities	1	2	4	D	Q 1
3, 4	3.1	4	Measure GDP/GNP using production, income and expenditure method	2	2	4	L	AS1 due
5	4	4	National income accounts in Sri Lanka	1	2	2	L	Q2
6	5	5	Identify aggregate price level and inflation	1		2	L	
7	6	6	Describe business cycles	1	2	4	D	
8		1 to 6	Mid-term test		2		MCQ	
9	7.1	7	Identify money and the role of money in an economy	1		4	L, D	Q3 AS 2 start
10	7.2	7	Explain demand for money	1		3	L	
	7.3	7, 8	Calculate supply of money such as M1, M2, M2b, and M4	1	2	4		Q 4
11	7.4	7,8	Identify different concepts regarding money supply in an economy such as high-powered money, money multiplier, the velocity of money,	2		4	L	AS 2 due
	8.1	9	Identify monetary system	1		4	D	AS 3 start
12	8.2	9	Discuss the role of financial intermediaries	1		4	D	
13	8.3	8	Introduction to commercial banking	1		4	L	AS 3 due

	8.4	8	Illustrate the money creation process	1	2	4	L	Q5
14	9	9	Central Banking of Sri Lanka	1		3	L	
15	10.1	10	Introduction to international trade and finance	1	2	4	L, D	
	10.2	10	Identify the international financial system	1	2		L	
		1 to 10	End Semester examination					
Total				20	20	60		

Abbreviations: L=Lectures, D=Discussion, SGD= Small Group Discussion, AS=Assignment, MCQ= Multiple Choice Questions, Q= Quiz, CS= Case Studies

Assessment Strategy:

In Course Continuous Assessment	40%
Assignments (03) - 30%	
Quizzes (05) - 10%	
End Semester examination (Theory)	60%
Total	100%

Course Coordinator : Mr. HABW Hettiarachchi

Teaching Panel : Mr. HABW Hettiarachchi
: Prof. SWGK Bulankulama

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments	■								■			■			
Quizzes		■			■				■	■			■		
Mid-term test								■							
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Blanchard, O. (2017). Macroeconomics: Pearson.
2. Mankiw, N. G. (2016). Macroeconomics: Worth Publishers.
3. Lieberman, M. and Hall, R. (2013). Principles and Applications of Macroeconomics: Cengage.

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Course Plan

Course Title: Elementary Microeconomics II

Course Code : ECON 12012 (30: 00: 70)

Course Capsule: Consumer behavior, concepts of utility and marginal utility, utility maximization, Producer behavior: production function, short-run, and long-run production, total production, the average production, and marginal production, law of diminishing marginal returns and the law of returns to scale, the theory of cost: direct cost and indirect cost, accounting cost and economic cost, determinant of short-run and long-run costs, economies and diseconomies of scale, the shape of cost curves, Determination of profits, market structure: perfectly competitive market, monopoly, monopolistic competition and oligopoly, Market failure: reasons for market failures, externalities, public goods, merit and demerit goods, factor markets and determinants of factor prices.

Course Aim: To extend further knowledge of basic microeconomic theories and concepts of the students and develop their understanding of the application of microeconomics concepts in the real world.

ILOs: At the completion of the course, students will be able to:

1. Explain the basic theories of microeconomics that help in decision making in real life
2. Describe the behavior of the customer for the decision-making process in real life
3. Explain the behavior of the producer for the decision-making process of real world
4. Explain, and discuss the theory of cost and shape of cost curves
5. List out the determination of profits
6. Analyze and discuss different types of market Structures
7. Explain the market failure: reasons for market failures, externalities, public goods, merit, and demerit goods
8. Explain the behavior of factor markets and determinants of factor prices

Lesson Sequence:

Week	Lesson No.	Related ILO.	Lesson Title	Time (hours)			Teaching/ Learning Methods	Assessment Methods
				T	P	IL		
1	1	1	Discuss overview of basic economics theories & concepts for decision making process	2		3	D, SR.	
2	2	1,2	Explain the behavior of the customer, including concepts of utility and marginal utility, utility maximization	2		7	L, D, SR	AS1 start
3	3	3	Determine the behavior of producer including production function, the difference between short-run and long-run production,	2			L, D	
4	3	3	Calculate and illustrate total production, the average production, and marginal production,	2		4	L,D,GW,SR	
5	4	4	Explain and discuss the theory of cost & shape of cost curves	2		6	L, GW	AS1 due
6	4	4	Identify the determinants of short-run and long-run costs, economies, and diseconomies of scale	2		7	L, D, SR	
7	5	5	Discuss the determination of profits and calculate profits	2			D, GW	
8	6	6	Explain & discuss perfect competition market behavior	2		6	L, D, SR	AS2 start
9	7	6	Explain & discuss behavior of monopoly market	2		8	L,GW	
10	8	6	Explain & discuss behavior of monopolistic competition Market	4		3	L, D, SR	
11	8	6	Graphically illustrate profit maximization SR and LR in a monopolistic market			2	SR	
12	9	6	Explain & discuss oligopoly market behavior	2		4	L, D	AS2 due
13	10	7	Discuss the market failure: reasons for market failures, externalities, public goods, merit, and demerit goods	2		13	L,GW,D	
14	11	8	Explain the behavior of factor markets and determinants of factor prices	2		7	L, D	
15			Review & conclusion	2			D, SR	
Total				30		70		

Abbreviations: L=Lectures, SR=Self Reading, L=Lectures, D=Discussion, GW- Group Work, IL=Independent Learning, Q=Quiz., AS=Assignment.

Assessment Strategy

In Course Continuous Assessment	40%
End Semester examination (Theory)	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching Panel: Mr. HGKN Bandara

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End-semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Dwivedi, D.N. (2010). Microeconomics: Theory and Applications: McGraw Hill
2. Layton, A., Robinson, T. and Tucker, I.B. (2009). Economics for Today: Cengage Learning
3. Taylor, T., Greenlaw, S.A. and Dodge, E. (2014). Principles of Microeconomics: OpenStax

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Course Plan

- Course Title:** Elementary Macroeconomics II
- Course Code:** ECON 12022 (20: 20: 60)
- Course Capsule:** The evaluation of macroeconomic thoughts, consumption (C), investment (I) and savings (S), determination of equilibrium level of national income in a simple, closed and open economy, budget: government revenue (R), expenditure (G), budget deficits/surplus, balance of payment and its main accounts, aggregate demand and aggregate supply, the theory of consumption: Introduction to Keynesian, lifecycle and permanent income hypothesis, the theory of investment: introduction to classical and neoclassical models, macroeconomics issues: inflation, unemployment, types of inflation and unemployment, causes of inflation and unemployment, exchange rates, international trade and finance, macroeconomic policies
- Course Aim:** To create an awareness of various macroeconomics methodologies and the theoretical macroeconomics structure, which is related to the aggregate economy, so students will be able to apply this theoretical and practical knowledge to select and explain the most appropriate macroeconomic policies for macroeconomic management.
- ILOs:** At the completion of the course, students will be able to:
1. Demonstrate an understanding of the principles of macroeconomic theories
 2. Evaluation of macroeconomic thoughts
 3. Drive the consumption and saving functions.
 4. Calculate the equilibrium level of national income of simple, closed, and open economy, different types of savings, and expenditure multiplier.
 5. List the sources of government revenue and expenditures while calculating budget deficit/surplus.
 6. Explain the theory of consumption and theory of investment.
 7. Describe the macroeconomic issues and appropriate macroeconomic policies and instruments for macroeconomic management.
 8. Explain balance of payment and its main accounts
 9. Describe the different types of exchange rate regimes and examine the impact of the depreciation of the exchange rate
 10. Apply knowledge on macroeconomic policy formulations

Course plan

	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessments
1	1	1, 2	Introduction to macroeconomics: evaluation of macroeconomic thoughts,	2	2	4	L,D	
2	2	3	Consumption (C), investment (I), and savings (S)	1		4	L	AS1 start
3	3.1	3, 4	Determination of national equilibrium level in the simple, closed, and open economy using the income-expenditure method (Y=E)	2	2	4	L	Q1
4	3.2	3, 4	Determination of national equilibrium level in a simple, closed, and open economy using leakages and injection methods (W=J).	2	2	4	L	AS 1 due
5	4	1, 3	Aggregate demand (AD) and aggregate supply (AS) model	1	2	4	L	
6	5	5	Budget: government revenue (R), expenditure (G), budget deficits/surplus	2	2	4	L, D	AS 2 start
7	6.1	6	Consumption and savings: Keynesian analysis,	1		8	L	
	6.2	6	Theory of consumption: Keynesian consumption function,				L	Q 2
	6.3	6	Lifecycle theory of consumption, the permanent theory of hypothesis of consumption				L	
	6.4	6	Theory of investment: Classical and Neo-classical models.	1			L	
8		1 to 6	Mid –term test		2			AS 2 due
9	10.1	7	Macroeconomic issues: inflation	1	2	4	L, D	
10	10.2	7	Macroeconomic issues: unemployment	1		4	L, D	
11	11.1	8	Balance of payment and its main accounts	2	2	4	L,D	
12	11.2	9	Exchange rates, international trade and finance - i	1		4	L	AS 3 start
13	11.3	9	Exchange rates, international trade and finance - ii	1	2	4	L, D	Q3
14	12.1	1,7, 10	Macroeconomic policies	1	2	4	L, D	AS 3 due
15	12.2	1, 7, 10	Macroeconomic policies	1		4	L, D	
Total				20	20	60		

Abbreviations: L=Lectures, D=Discussion, IL=Independent Learning, AS=Assignment, Q= Quiz

Assessment Strategy:

In Course Continuous Assessment Assignments (03) - 30% Quizzes (03) - 10%	40%
End Semester examination (Theory)	60%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi**Teaching panel:** Mr. HABW Hettiarachchi
Prof. RPIR Prasanna**Course Organizer:**

Weeks →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Item ↓															
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments		■				■						■			
Quizzes			■				■						■		
Mid-term test								■							
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Blanchard, O. (2017). Macroeconomics: Pearson Education
2. Gregory, M.N. (2016). Macroeconomics: Worth Publishers
3. Leeds, M. A., Peter, V.A. and Schiming, R.C. (2006). Macroeconomics: Pearson Education

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Course Plan

- Course Title:** Intermediate Microeconomics
- Course Code:** ECON 21012 (30: 00: 70)
- Course Capsule:** Mathematical foundations of microeconomic theory, Consumers' preferences and budget constraints, Theory of production, Theory of cost, Introduction to profits, Market structures and equilibrium in the short run and long run.
- Course Aim:** The aim of this course is to give students a conceptual basis and the necessary tools for understanding modern microeconomics at the intermediate level. In the context of this theoretical framework the course will explore a number of applied microeconomic issues such as consumer behavior, producer behavior and market structure.
- ILOs:** At the completion of the course, students will be able to:
1. Describe the theory in microeconomics at an intermediate level
 2. Analyze the economic behavior of individuals and firms using practical knowledge
 3. Apply economic principles to a range of policy questions

Lesson Sequence:

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Discuss basic concepts of Economics	2		4	L, D,SR	
2	2	1,2	Consumers' preferences and budget constraints: cardinal utility approach, consumer equilibrium	2		4	L, D,SR	
3	3	1,2	Consumers' preferences and budget constraints: ordinal utility approach, indifference curves, analysis, consumer equilibrium,	2		4	L,D,SR,GD	AS1 start
4	3	1,2	Income effect & substitution effect,	1		4	L, GW,D,SR	
			Hicks and Slutsky approaches, normal goods, inferior goods and Giffen goods, derivation of demand curve	1		6	L,D,SR	
5	4	1,2,3	Theory of production: short run & long run production functions, technical progress and production function, isoquant and isocost, producer equilibrium, multiproduct firm, factor substitution, marginal rate of technical substitution (MRTS),	2		6	L,D,GW,SR	AS1 due
6		1,2	Presentations by students	2		5	GD,SR	P
7	5	2,3	Homogenous and non-homogenous production function, Cobb-Douglas production function, CES production function and its properties.	2		4	D, GW	
8	6	2,3	Theory of cost: cost function, short run and long run, shape of the TC, TVC, MC, AC and AVC, relation between AC and MC in short run	2		4	L, D, SR	AS2 start
9	7	2,3	Derivation of long run cost curves, traditional and modern theory of cost, relationship between costs and production.	2		5	L,GW	
10	8	2,3	Introduction to profits: profit maximization, cost minimization	2		5	SR,L, D	
11	9	3	Market structures and equilibrium in the short run and long run: PC market	2		4	L, D,SR	AS2 due
12	9		Presentations by students	2		4	D,SR	P
13	9	3	monopoly, monopolistic competition,	2		3	L,GW,D,SR	
14	9	3	Oligopoly (with application of game theory),	2		4	L,D,SR	
15	10	3	Factor markets, factor price determination.	2		4	L,D,SR	
Total				30		70		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, GW- Group Work, Q=Quiz, AS=Assignment.

Assessment Strategy:

Continuous assessment: Assignments (02) – 40%	40%
End semester examination (Theory)	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala**Teaching Panel:** Dr. SAU Niranjala**Course Organizer:**

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End-semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Perloff, J. (2018). Microeconomics: Pearson Education
2. O'Sullivan, A., Sheffrin, S., and Perez, S. (2017). Microeconomics: Principles, Applications, and Tools: Pearson Education
3. Hubbard, G., and O'Brien, A. (2019). Microeconomics: Pearson Education

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Course Plan

- Course Title:** Mathematics for Economics 1
- Course Code :** ECON 21023 (45: 0: 105)
- Course Capsule:** Introduction to mathematics for economics, Differential calculus, Uses of the derivative, Multivariable functions, Total and partial Differential, Multivariable functions in economics, Exponential and logarithmic functions, Economic applications.
- Course Aim:** The aim of this course is to equip students with the necessary mathematical skills that are required to carry out further studies in economics and econometrics. It will provide fundamental mathematical logic and tools for formal economic analysis.
- ILOs:** At the completion of the course, students will be able to:
1. Discuss the mathematical problems which are commonly used in the field of economics
 2. Apply mathematical techniques appropriately in economics settings
 3. Construct economic arguments using the terms of mathematical concepts

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01	1	Introduction to mathematics for economics	2	-	2	L, GD	
2	02	1	Limits	3		6	L, GD	
3	02	1	Derivative rules	2		2	L	
4	02	1, 2	Derivative – applications	2		10	L, GD	Q1
5	02	1	Rules of differentiation	2		6	L	AS1 start
6	02	1	Higher order derivatives	2		2	L	
7	02	1,2	Implicit differentiation	2		10	L, GD	AS1 due
8	03	1,2,3	Uses of the derivative: concavity and convexity	6		10	L	
9	03	2,3	Relative extrema, optimization of functions, marginal concepts, optimizing economic functions	3		-	L, GD	
10	04	2,3	Multivariable functions: rules of partial derivatives	2		13	L, GD	Q2
11	04	2,3	second order partial derivatives, optimization of multivariable functions, constrained optimization	2		4	L	
12	05	1, 2	Total and partial differentials: total derivatives, implicit functions	2		4	L, GD	
13	05	1,2	Multivariable functions in economics: optimization, constrained and unconstrained optimization	5		14	L	
14	06	2	Exponential and logarithmic functions	4		10	L, GD	Q3
15	07	3	Economic applications	6		12		
Total				45	00	105		

Abbreviations: L=Lectures, GD= Group Discussion, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 10%, Quizzes (03) – 30%	40%
End semester examination (Theory)– 60%	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala

Teaching Panel: Dr. SAU Niranjala
Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments					■										
Quiz				■						■				■	
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Chiang, A. C., and K. Wainwright. (2005). Fundamental Methods of Mathematical Economics: McGraw-Hill
2. Dowling, E. T. (2012). Introduction to Mathematical Economics: McGraw Hill
3. Jacques, I. (2010). Mathematics for Economics and Business: Prentice Hall

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Course Plan

Course Title: Theory in History

Course Code: ECON 21032 (30: 00: 70)

Course Capsule: Rise of merchant capital and mercantilism; Technological and industrial revolution in western Europe; Wealth of nations: from trade to production, Physiocrats, Adam Smith; David Ricardo, J S Mill and Classical School; Karl Marx and critique of political economy and capitalism; Rise of subjective theory and marginal theory; Great depression and development of macroeconomics: J M Keynes; Late capitalism, neoliberalism and post Keynesian developments

Course Aim: The aim of this course is to make students aware of the principal trends in economic thoughts and the historical-social contexts in which theoretical paradigm/ research programs were replaced. This introductory course focuses on the rise and development of capitalism and how those developments were reflected in the history of economic thought. Since this is an introductory course at the most elementary level, no prior knowledge of economics is needed. Anyone who is interested in the development of modern social and economic history and how theoretical transition took place is welcome to take this course.

ILOs: At the completion of the course, students will be able to:

1. Explain the shifts of paradigm/ research programs in history of economic thought
2. Explain how those shifts were influenced by the historical developments in the Europe
3. Illustrate the relationship between theory and history, history as theory and theory as history

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Identify early Preclassical economic thought	2		4	L, GD	
2	2.1	1	Discuss rise of merchant capital and mercantilism- power and wealth, balance of trade, money and mercantilism	2		4	L, SGD, SR	
3	2.2	1	Discuss rise of merchant capital and mercantilism- modern analysis of mercantilism, theoretical contribution of mercantilism	2		4	L, GD	
4	3.1	2	Describe technological and industrial revolution in Western Europe – A classic account of the characteristics, progress and political, economic and social implications of the Industrial Revolution in Britain, France and Germany.	2		5	L, GD,SR	AS 1- start
5	3.2	2	Describe technological and industrial revolution in Western Europe – Why was Europe the first to industrialize?	2		5	L, GD, SR	
6	4.1	1	Identify Wealth of nations: from trade to production, Physiocrats, Adam Smith – analysis of markets, nature and causes of wealth of nations	2		4	L, SGD	AS 1: due
7	5	1	Identify Wealth of nations: from trade to production, Physiocrats, Adam Smith – international trade, value theory, distribution theory	2		4	L, GD, SR	
8	6.1	3	Identify David Ricardo, J S Mill and Classical School – David Ricardo – the scope of economics according to Ricardo, Ricardo’s theory of land rent, Ricardo’s value theory, Ricardo’s distribution theory, Ricardo’s comparative advantage theory	2		4	L, GD	
9	6.2	3	Identify David Ricardo, J S Mill and Classical School – J S Mill and Classical School – Millian’s economics, the role of theory, value theory, international trade theory, etc...	2		6	L, GD	
10 & 11	7	3	Identify and discuss Karl Marx and critique of political economy and capitalism – Marx’s theory of History, Marx economic theories, Marx analysis of capitalism	2		10	L, SGD, SR	AS 2: Start
12	8	3	Discuss the Rise of subjective theory and marginal theory – Historical links, Jevons, Menger and Walras	2		8	L, SGD, SR	
13	9	3	Great depression and development of macroeconomics: J M Keynes	2		6	L, GD, SR	
14	10	3	Late capitalism, neoliberalism and post Keynesian developments	2		6	L, GD, SR	AS2 - due
15		1, 2, & 3	Review	2			GD	
			Total	30		70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, GD= Group Discussion, AS= Assignment, SR= Self Reading

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. David L. (1972). The Unbound Prometheus: The Technological Change and Industrial Development in Western Europe from 1750 to the Present: Cambridge University Press.
2. Landreth, H. and Colander, D.C. (2001). History of Economic Thought: Houghton Mifflin Company.

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Course Plan

- Course Title:** Business Statistics
- Course Code:** ECON 21043 (35: 20: 95)
- Course Capsule:** Introduction to business statistics, Data summarizing and presentation using excel and SPSS, Univariate analysis, Bivariate analysis, Univariate and bivariate analysis using excel and SPSS, Sampling methods and central limit theorem, Review of probability: Introduction to R.
- Course Aim:** The objective of this course is to familiarize students with fundamental statistical concepts and techniques necessary for other statistics courses offered in the subsequent semesters. It also will expect to expand students' knowledge on different statistical packages available in the field (Excel/ SPSS/ RStudio).
- ILOs:** At the completion of the course, students will be able to:
1. Explain the use of basic statistical concepts in economics and business
 2. Solve a given quantitative problem using a suitable statistical technique
 3. Be familiar with software such as excel, SPSS, RStudio on handling data in economics

Lesson sequence:

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to business statistics:	1	-	5	L, GD, SR	
2	2.1	1,2	Data collection methods Types of data, data summarizing and organization, data presentation, stem-and-leaf plot, tabulation,	3	-	6	L, SR	
3	2.2	1,2	Simple and group frequency tables, multivariate frequency and cross tabulation	3	-	5	L, GD, SR	
4	2.3	2,3	Data summarizing and presentation using excel and SPSS	2	6	6	L, CBT,SR	Q1
5	3.1	2	Univariate analysis: measures of central tendency (simple and group data), measures of dispersion	2	-	5	L, GD, SR	AS 1 start
6	4.1	2	Bivariate analysis: bivariate measures of association, contingency table, chi-square calculation, Phi-coefficients, contingency coefficient, cramer's v	3	-	6	L, SR	
7	5.1	2	Association between metrics variables: person's correlation coefficient, spearman rank correlation coefficient,	2	-	6	L, SR	AS 1 due
8	5.2	2	Spurious correlation, partial correlation	3	-	2	L, SR	
9	6.1	2,3	Univariate and bivariate analysis using excel and SPSS	2	8	10	L, CBT, SR	Q2
10	7.1	2	Sampling methods and central limit theorem	3	-	8	L, GD, SR	AS 2 start
11	8.1	2	Review of probability: bivariate probability: marginal probabilities,	3	-	10	L, GD, SR	
12	8.2	2	Statistical independence, total probability, conditional probability,	2	-	6	L, SR	AS 2 due
13	8.3	2	Bayes' theorem	2	-	2	L, GD, SR	
14	9.1	3	Introduction to RStudio	2	6	8	L, GD, CBT, SR	Q3
15	10.1	1,2,3	Review	2	-	10	L, SR	
Total				35	20	95		

Abbreviations: L=Lectures, P=Practical, IL=Independent Learning, GD= Group Discussion, SR=Self Reading, CBT = Computer-Based Training, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 25%, Quizzes (03) – 15%	40%
End semester examination:	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage
Dr. SAU Niranjala

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical				■					■					■	
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments					■					■					
Quiz				■					■					■	
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Andeson, D., Sweeney D. J. and T. A. Williams. (2005). Statistics for Business and Economics: Thomson South-Western.
2. Lind, D. A., Marchal, W. G. and S. A. Wathen. (2002). Basic Statistics for Business and Economics: McGraw-Hill Higher Education.
3. Norton, W. W., Henry, B. C. and C.P. Brase. (2013). Understanding Basic Statistics: Cengage Learning.

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Course Plan

- Course Title:** International Economics
- Course Code:** ECON 21052 (30: 00: 70)
- Course Capsule:** Introduction to international trade, The Mercantilist's view on trade, trade based on absolute advantage and comparative advantage, Gains from specialization and exchange, Factor endowment and the heckscher-ohlin theory, Factor price equalization and income distribution, Balance of payments and protectionism, Foreign exchange rates and foreign exchange markets, International factor movement: labor and capital, Sri Lanka's international trade
- Course Aim:** The aim of this course is to provide a foundation of international trade theory and finance to facilitate students' understanding of critical economic issues that result from a country's interaction with the rest of the world. The course consists of two parts – theories of international trade and international finance.
- ILOs:** At the completion of the course, students will be able to:
1. Describe the basic theories in international trade and finance
 2. Explain how trade affects relative factor prices across the nations
 3. Evaluate the functions of the foreign exchange market

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to international trade	2	-	2	L, GD, SR	
2	2	1	The Mercantilist's view on trade	2	-	4	L, SR	
3	3	1	Trade based on absolute advantage and comparative advantage	2	-	5	L, GD, SR	
4	4	1	Gains from specialization and exchange	2	-	2	L, SR	Q1
5	5	2	Factor endowment	2	-	5	L, GD, SR	AS 1 start
6	5	1	the Heckscher-Ohlin theory	2	-	2	L, SR	
7	6	2	Factor price equalization and income distribution	2	-	5	L, SR	AS 1 due
8	7	1	Balance of payments	2	-	4	L, SR	
9	7	2,3	Protectionism	2	-	8	L, SR	Q2
10	8	3	Foreign exchange rates	2	-	4	L, GD, SR	AS 2 start
11	9	3	Foreign exchange markets	2	-	5	L, GD, SR	
12	10	2,3	Trade agreements	2	-	8	L, SR	AS 2 due
13	11	2,3	International factor movement: Labour and capital	2	-	4	L, GD, SR	
14	12	2,3	Sri Lanka's international trade	2	-	6	L, GD, SR	Q3
15		1,2,3	Review	2	-	6	L, SR	
Total				30	-	70		

Abbreviations: L=Lectures, GD= Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment Assignments – 25%, Quizzes (03) – 15%	40%
End semester examination (Theory) :	60%
Total	100%

Course Coordinator: Prof. SWGK Bulankulama**Teaching Panel:** Prof. SWGK Bulankulama**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments					■					■					
Quiz				■					■					■	
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Sodersten, B. and Reed, G. (1994). International Economics: Macmillan
2. Appleyard, D., Field A. and Cobb, S.(2008). International Economics :UoL Study Guide
3. Dominick, S. (2016). International Economics – Trade and Finance: Wiley.

Department of Economics
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Course Plan

Course Title: Sri Lankan Economy

Course Code: ECON 21062 (30: 00: 70)

Course Capsule: Introduction to Sri Lankan economy, Sectorial composition of the economy: Fiscal policy: government expenditure and revenue, tax structure and current issues of Sri Lankan, Monetary policy, Trade and investment policy reforms, Labor market: employment and unemployment issues, Poverty and inequality, Integration of Sri Lankan economy with global markets.

Course Aim: This course provides an extensive knowledge to students on Sri Lankan Economy in view of understanding issues related to economic performance of Sri Lanka and the policies adopted by the government since independence in 1948. It aimed to enhance the skills of reviewing development experience of Sri Lanka with reference in causes and effects.

ILOs: At the completion of the course, students will be able to:

1. Describe the main economic policies applied in the post-independent era in Sri Lanka
2. Describe current economic issues and major economic challenges facing in the country
3. Propose alternative policy instruments and strategies that can be used to achieve the country development goals

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to Sri Lankan economy: overview of the colonial economy, the economic performance from independent to present, emerging economic issues and international comparisons	2	-	5	L, SR	
2	1.2	1	Sectorial composition of the economy: sectors specific policies and their impacts	2	-	5	L, SR	Q1
3	2.1	1	Fiscal policy: government expenditure and revenue, tax structure	2	-	4	L, GD, SR	
4	2.2	1,2	Current issues of Sri Lankan tax system, analysis of budget and deficits, deficit financing and public debt management strategy	2	-	4	L, SR	AS 1 start
5	3.1	1	Monetary policy: review of monetary policy, money and capital markets,	2	-	4	L, SR	
6	3.2	2,3	Price stability, efficacy of recent monetary policy, exchange rate policies	2	-	5	L, SR	AS 1 due
7	4.1	1,2	Trade and investment policy reforms: international trade and liberalization process	2	-	4	L, GD, SR	
8	4.2	1	Trade policy reforms since 1977	2	-	4	L, SR	
9	5.1	2	Population and human development	2	-	6	L, SR	Q2
10	5.2	2	Demographic trends and issues	2	-	6	L, GD, SR	AS 2 start
11	6.1	2,3	Labor market: employment and unemployment issues	2	-	8	L, SR	
12	7.1	2	Poverty and inequality: trends and policies in poverty	2	-	5	L, GD, SR	AS 2 due
13	7.2	2	Poverty alleviation policies and their impacts	2	-	3	L, GD, SR	Q3
14	8.1	2,3	Integration of Sri Lankan economy with global markets: free trade agreement	2	-	5	L, GD, SR	
15	9.1		Review	2	-	2	L, SR	
Total				30	00	70		

Abbreviations: L=Lectures, GD= Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 30% Quizzes (03) – 10%	40%
End semester examination (Theory)	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara**Teaching Panel:** Mr. HGKN Bandara
Dr. SKN Gamage**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Quiz															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Central Bank Annual Reports and other published reports.
2. Central Bank of Sri Lanka. (1998). Economic Progress of Independent Sri Lanka: COB
3. Lakshman, W. D. (1997). Dilemmas of Development: Fifty Years of Economic Change in Sri Lanka: Sri Lanka Association of Economists.

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Course Plan

Course Title: Seminar in Economics
Course Code: ECON 21071 (00: 30: 20)

Course Capsule: Seminar in economics is a lecture series organized by the department of economics with the help of various resource persons (internal and external) in the country. This will help students practice with classroom level formal discussion, drawing conclusion and feedback under formal setting. Content mainly includes macro level issues, sectorial level issues as well as global issues. This class is designed to eliminate much of the confusion surrounding these issues and allow students to form their own opinions on matters that affect their world.

Course Aim: The overall aim of this course is to provide a broad understanding about the practical issues in the field of general economics. Much of the course revolves around formal presentations while maintaining a workshop atmosphere. In order to facilitate the exchange of ideas and suggestions, ample discussion time is included into the schedule.

ILOs: At the completion of the course, students will be able to:

1. Explain how people really think about economic issues
2. Explain fundamental economic issues with appropriate policies
3. Demonstrate general problem-solving skills, team work and research skills

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1,2,3	Growth and development	-	2	1	SGD, SR	
2	2	1,2,3	Policies	-	2	1	SGD, SR	
3	3	1,2,3	Government intervention	-	2	2	SGD, SR	PR
4	4	1,2,3	Poverty alleviation	-	2	2	SGD, SR	
5	5	1,2,3	Balance of payment	-	2	1	SGD, SR	AS 1 start
6	6	1,2,3	Crimes	-	2	1	SGD, SR	
7	7	1,2,3	Agriculture	-	2	2	SGD, SR	AS 1 Due
8	8	1,2,3	Industries	-	2	1	SGD, SR	
9	9	1,2,3	Service	-	2	1	SGD, SR	
10	10	1,2,3	Education	-	2	1	SGD, SR	AS 2 Start
11	11	1,2,3	Health	-	2	3	SGD, SR	
12	12	1,2,3	Specific issues in developing Countries	-	2	1	SGD, SR	AS 2 Due
13	13	1,2,3	Specific issues developed countries	-	2	1	SGD, SR	
14	14	1,2,3	Role of the government	-	2	2	SGD, SR	PR
15		1,2,3	Seminar	-	2	-		
Total				-	30	20		

Abbreviations: SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, PR= Presentation

Assessment Strategy:

Continuous assessment: Assignments (02) – 20% Presentations (02) – 20%	40%
Seminar	60%
Total	100%

Course Coordinator: HABW Hettiarachchi**Teaching Panel:** HABW Hettiarachchi**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
Presentations															
Seminar															

References:

List of recommended readings need to be given by the course coordinator before starting the lecture in each semester.

Department of Economics
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Course Plan

- Course Title:** Business Communication Skills
- Course Code:** ECON 21081 (15: 00: 35)
- Course Capsule:** Exploring key elements of Business Communication, apply the various types of Business Communication modes, identify and analyze the impact of accuracy and false Business Communication, develop communication skills.
- Course Aim:** To introduce the application of effective communication skills in the business world. Further, it intends to deliver a critical understanding of theories, types, means and challenges of effective communication in the global business environment.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the importance of effective communication in a business environment
 2. Demonstrate the verbal and nonverbal communication techniques effectively
 3. Recognize the impact of cultural differences on effective communication

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01	1	Introduction to business communication	1	-	1	L,SR	
2	02	2	Focusing on interpersonal and group communication	1	-	2	L, GD, RP	
3	03	2	Delivering the messages	1	-	3	L, SGD,SR	
4	04	2	Understanding the audience	1	-	2	L, D,SR	AS1 Start
5	05	1	Effective business writing	1	-	4	L, GD, CS, SR	
6	06	2	Communicating Electronically	1	-	4	L,CS,SR	
7	07	2	Developing and delivering effective business presentations	1	-	4	L, GA,SR	AS1 due
8	08	2	Negative news and crisis communication	1	-	2	L,RP	AS2 Start
9	09	3	Intrapersonal and interpersonal communication	1	-	3	L,SGD,SR	
10	10	3	Intercultural and international communication	1	-	2	L, RP,D,SR	
11	11	3	Group communication	1	-	2	L, GD,CS, SR	
12	12	3	Teamwork and leadership	1	-	2	L,D	AS2 due
13	13	3	Resumes and application letters	1	-	2	L,GD	
14	14	3	Interviewing for a job and preparing employment messages	1	-	2	L,SGD	
15	15	1,2,3	Review	1			L	
Total				15		35		

Abbreviations: L=Lectures, D=Discussion, GD=Group Discussion, SGD=Small Group Discussion, GA = Group Activity, SR=Self Reading, RP=Role Play, CS=Case Study, AS= Assignment

Assessment Strategy:

Continuous assessment: Assignments – 20%, Presentations – 20%	40%
End semester examination (Theory)	60%
Total	100%

Course Coordinator: Mr. DA Wehella**Teaching Panel:** Mr. DA Wehella**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester Examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Cornelissen, J. (2020). Corporate Communication: A Guide to Theory and Practice: SAGE Publications Ltd.
2. Cardon, P. (2018). Business Communication: Developing Leaders for a Networked World: McGraw-Hill
3. McLean, S. (2016). Business Communication for Success: FlatWorld.

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Course Plan

- Course Title:** Intermediate Macroeconomics
- Course Code:** ECON 22012 (20: 20: 60)
- Course Capsule:** Introduction to intermediate macroeconomics, IS-LM model, Applying the IS-LM model, Demand management policy, The labor market, AS-AD model, AS-AD model and economic fluctuations, understanding economic growth and development, Foreign exchange and the global economy, fiscal and monetary policy under AS-AD, Stabilization policy: demand-side stabilization measures, supply-side stabilization measures
- Course Aim:** To create an awareness of various aspects of macroeconomic theories and the latest developments in the field, so that students will be able to apply this theoretical and practical knowledge to analyze current economic problems in the world.
- ILOs:** At the completion of the course, students will be able to:
1. Demonstrate macroeconomic knowledge
 2. Explain the Good market equilibrium and money market equilibrium to derive AD curve
 3. Calculate the equilibrium level of national income and interest rate
 4. Explain the demand management policies and their impact on IS-LM equilibrium
 5. Describe the labor market and its components
 6. Examine the economy in the long-run
 7. Analyze the impact of monetary and fiscal policy under the AD-AS model.
 8. Apply the knowledge for policy implications

Course plan

Wee k No.	Less on No.	Relate d ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessments
1	1	1	Introduction to Intermediate macroeconomics	1		4	L, GD	
2	2	1, 2	The Goods Market – Consumption, Investment, and Government Spending	2	2	4	L, GD	AS 1 start
3	3.1	2	Asset market and LM curve , properties of LM curve	1		4	L, GD	Q 1
4	4.1 4.2	2	Commodity Market, Goods market and IS curve properties of IS curve	2	3	4	L, GD	AS 1 due
5	5	2, 3	Goods and Financial Markets: Building the IS-LM model: part I	2		4	L, GD	
6	6	2, 3,4	Equilibrium of the goods and asset markets (IS-LM analysis): part II	2	3	4	L, GD	Q 2
7	7	2,7	Putting All Markets Together – The AD-AS Model	1		4	L, GD	
8		1,2,3,4	Mid-term test					
9	8.1	8	Macroeconomic issues: inflation, unemployment, population growth, govt. budget, budget deficit, crowding out	1	3	8	L, GD	AS 2 start
10	9	5	The Labor Market – Unemployment and Wages	2	3	4	L, GD	
11	10	8	The Phillips Curve, Natural Rate of Unemployment, and Inflation Study Reference 1- Chapter 8, page 157 to 175	1		4	L, GD	AS 2 due
12	11	2,6	Supply-side economics, Neoclassical Theory, and supply-side economics: economic growth and productivity. Economic Growth I: Saving, Capital Accumulation, and Output	1	3	4	L, GD	Q 3
13	12	2,4, 6	Economic Growth II: Technological Progress and Growth	1	3	4	L, GD	AS 3 start
14	13	6	Development and Sustainable development	1		4	L, GD	
15	14	8	Foreign exchange and the global economy	2		4	L, GD	AS3 due
Total				20	20	60		

Abbreviations: L=Lectures, GD= Group Discussion, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment	40%
Assignments = 20%	
Mid-semester exam = 10%	
Quiz = 10%	
End Semester Examination	60 %
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching Panel: Mr. HABW Hettiarachchi
Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
Quizzes															
Mid term test															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Blanchard, O. and Johnson, D.R. (2017). *Macroeconomics*: Pearson Educations
2. Mankiw, N. G. (2016). *Macroeconomics*. New York: Worth Publishers
3. Williamson, S. (2014). *Macroeconomics*: Pearson Educations

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Course Plan

Course Title: Mathematics for Economics II

Course Code: ECON 22023 (45: 00: 105)

Course Capsule: Integral calculus, Fundamental theorem of calculus, Integration by substitution, Matrix algebra, Determinants of the matrix, Introduction to differential equations and difference equations, economics applications.

Course Aim: The aim of the course is to acquire the students' knowledge in the field of mathematics and to make them ready to analyze simulated as well as real economic situations. It also will give students skills for implementation of the mathematical knowledge and expertise to model various economic scenarios.

ILOs: At the completion of the course, students will be able to:

1. Use and apply mathematics by working with concrete examples and exercises
2. Construct economic models using the terms of mathematical concepts
3. Demonstrate deep knowledge of math concepts which help to understand real-life situations

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01	1	Integral calculus: introduction to integration	2		4	L, GD	
2	01	1	Indefinite and definite integral, rules of Integration	2		4	L	
3	01	1	Initial/boundary conditions, applications in economics	3		6	L, GD	
4	2	1	Fundamental theorem of calculus	2		4	L	
5	2	1, 2	Area under a curve, the area between curves, applications in economics	2		10	L, GD	Q1
6	3	1	Integration by substitution: Integration by parts	2		6	L	
7	3	1	Integration by partial fractions, improper integrals, double integrals.	2		4	L	
8	4	1,2,3	Matrix algebra: introduction to matrices, types of matrices	6		10	L	AS1 Start
9	4	2,3	Matrix operations - addition, subtraction, scalar multiplication, multiplication of matrices	5		7	L, GD	
10	5	2,3	Determinants of matrix: matrix inversion	2		6	L, GD	Q2
11	5	2,3	Solving simultaneous equation systems, applications in Economics	4		4	L	
12	6	1, 2	Introduction to differential equations and difference equations: first-order systems, first-order linear equation	3		8	L, GD	AS1 Due
13	6	1,2	Second order linear equation, non-linear first order equation	5		10	L	
14	07	2	Economic applications	3		10	L, GD	Q3
15	07	3	Economic applications	2		12	L	
Total				45	00	105		

Abbreviations: L=Lectures, GD= Group Discussion, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment Assignments – 10%, Quizzes (03) – 30%	40%
End semester examination (Theory)	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage
Dr. SAU Niranjala

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Quiz															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Simon, P.C. and Blume, L. (1994). Mathematics for Economists: W. W. Norton.
2. Chiang, Alpha C., and Wainwright, K. (2005). Fundamental Methods of Mathematical Economics: McGraw-Hill.
3. Pemberton, M. and Rau, N.(2012). Mathematics for Economists: Manchester University Press.

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Course Plan

Course Title: Business Statistics II

Course Code: ECON 22033 (35: 20: 95)

Course Capsule: Random variables, Theoretical probability distributions and their applications, Sampling and sampling distributions: central limit theorem Point estimation, properties and estimation methods, Confidence interval estimation, Tests of statistical hypotheses: hypothesis testing procedures, rejection and acceptance errors, power of a statistical test and best critical regions, Uses estimation and confidence intervals for business decision making, Analysis of variance, Statistical quality control techniques for management decision making, Statistical process control, Analysis of application in business statistics by using statistical software.

Course Aim: This course is designed to equip students with necessary statistical concepts for assessing statistical claims leading to intermediate level business analyses. It will also provide the necessary statistical background for students to follow econometrics courses in third and final year.

ILOs: At the completion of the course, students will be able to:

1. Apply inferential statistics in the business decision making and research
2. Apply basic estimation, testing, and interpretation
3. Use SPSS in analyzing data

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1,2	Review of business statistics	2	-	5	L, GD, SR	Q1
2	2.1	2	Random variables: mathematical expectation, conditional expectation	2	-	5	L, SR	
3	3.1	1,2	Theoretical probability distributions and their applications: multivariate distributions	4	-	5	L, GD, SR	
4	4.1	2	Sampling and sampling distributions: central limit theorem	3	-	5	L, SR	Q2
5	4.2	2	Point estimation, properties and estimation methods	2	-	5	L, GD, SR	AS 1 start
6	4.3	2	Confidence interval estimation: mean, difference of two means, variance, ratio of two variances, ratio of two variances, difference of two proportions	2	-	6	L, SR	
7	5.1	2	Tests of statistical hypotheses: hypothesis testing procedures, rejection and acceptance errors, power of a statistical test and best critical regions	2	-	6	L, SR	AS 1 due
8	6.1	2,3	Uses estimation and confidence intervals for business decision making	2	4	4	L, CBT, CBT, SR	
9	7.1	2	Analysis of variance: one-way analysis of variance	2	-	10	L, SR	AS 2 start
10	8.1	2	Analyses the time-dependent variables and forecasts	3	-	8	L, GD, SR	
11	9.1	2,3	Statistical quality control techniques for management decision making	3	-	8	L, GD, SR	AS 2 due
12	9.2	2	The appropriate methods to control the variables, major weighted aggregate indices and the applications of indices	2	-	8	L, SR	
13	10.1	2	Statistical process control: control charts for attributes, control chart for variables	3	-	4	L, GD, SR	Q3
14	11.1	2,3	Analysis of application in business statistics by using statistical software (Excel/SPSS) and interpret the results I	2	8	8	L, GD, CBT, SR	
15	11.2	2,3	Analysis of application in business statistics by using statistical software (Excel/SPSS) and interpret the results II	1	8	8	L, CBT, SR	
Total				35	20	95		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, CBT = Computer-Based Training, AS= Assignment, Q1 = Quiz.

Assessment Strategy:

Continuous assessment: Assignments – 20% Quizzes (03) – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
Quiz															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Anderson, D., Sweeney, D. J. and Williams, T. A.(2005). Statistics for Business and Economics: Thomson South-Western.
2. Freedman, D., Pisani, R., and Purves, R. (2007). Statistics: Norton
3. Newbold, P., Carlson, W.L. and Thorne, B. (2013). Statistics for Economics and Business: Pearson

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Course Plan

- Course Title:** Economics of Entrepreneurship and SMEs
- Course Code:** ECON 22042 (20: 20: 60)
- Course Capsule:** Exploring entrepreneurship, Economics in entrepreneurship, entrepreneurs' responsibilities to individuals and community, Prepare for entrepreneurship and business, Types of business and ownership, Analysing and generating finances, financial statements, financial ratios, return on investment, break-even point, time value of money.
- Course Aim:** This course is designed to help students discover the value of entrepreneurship and the importance of SMEs in development. It will give knowledge and skills on entrepreneurship, and the economic way of thinking through a series of carefully selected articles, videos, discussion guides, hand-outs and activities.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the role and importance of entrepreneurship for economic development
 2. Analyze the business environment and identify business opportunities
 3. Develop a business plan for a new venture, considering prevailing economic conditions

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1.	1.1	1	Define what is meant to be an entrepreneur and entrepreneurship, who can become an entrepreneur	1		4	L, GD, SR	
2.	1.2	1	Characteristics of successful entrepreneurs, value of learning about entrepreneurship	1		4	L, GD	
3.	1.3	1	Factors impacting the emergence of entrepreneurship, examine trends in business start-ups in recent decades	1		4	L, GD	
4.	2.1	1	Entrepreneur's role in creating value	1		4	L, GD	AS1- start
5.	2.2	1	Economic growth and the entrepreneur, macroeconomic relevance of entrepreneurship	2		4	L, GD	
6.	2.3	1	Entrepreneurs' responsibilities to individuals and community	2		4	L, GD	AS 1: due
7.	3.1	2	Explain the purpose and types of a business plan	2	3	4	L, GD	
8.	3.2	2	How to use creative thinking to generate ideas, SWOT analysis and identifying business opportunities	2	3	4	L, GD, SR	
9.		2 & 3	Market research, feasibility study, learn how to identify competitors, sources of finance, legal issues	2	2	4	L, GD, SR	
10.	4.1	2 & 3	Types of business, liability and its legal obligation from entrepreneurs, define small medium enterprises (SME)	2	2	4	L, GD	AS 2: Start
11.	4.2	2 & 3	Liability and its legal obligation from entrepreneurs, define small medium enterprises (SME)	1	2	5	L, GD, SR	
12.	5.1	2 & 3	Financial statements, financial ratios, return on investment, break-even point, time value of money	1	2	5	L, GD, SR	
13.	5.2	2 & 3	Financial statements, financial ratios, return on investment, break-even point, time value of money	1	2	5	L, GD, SR	
14.	6.	3	Presenting the business plan		4	5	L, GD, SR	AS 2 - due
15.	7.	1,2, & 3	Review	1			L, GD	
Total				20	20	60		

Abbreviations: L=Lectures, GD= Group Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments =20% Presentation (business plan) = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala

Teaching Panel: Dr. SAU Niranjala

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, end semester examination will be held)														

References:

1. Parker, S.C. (2018). The Economics of Entrepreneurship: Cambridge University Press
2. Donald, F.K. (2013). Entrepreneurship: Theory, Process, Practice: Cengage Learning
3. Braunerhjelm, P. (2008). Entrepreneurship, Knowledge and Economic Growth. Now Publishers

**Department of Economics
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Course Plan

Course Title: Econometrics I

Course Code: ECON 22052 (20: 20: 60)

Course Capsule: Introduction to econometrics: steps in empirical economic analysis, structure of economic data, correlation and causation, simple regression analysis , computer exercise using excel, sampling distribution of regression estimates, estimating the error variance and visualization using excel, probability distribution of errors; normality assumptions; regression through the origin and regression on a constant, Inferences: t test for slope and intercept; F test; confidence interval estimates; Interpretation of regression output generated using excel, evaluating the results of regression analysis: normality tests; other tests of model adequacy, The OLS assumptions, introduction to multiple regression, applications in regression analysis.

Course Aim: This course aims to provide basic knowledge of the field of econometrics, with a focus on the fundamental principles and techniques of regression, and economic applications of simple and multiple regression models, the importance of the underlying modeling assumptions, and the challenges of empirically distinguishing correlation from causality.

ILOs: At the completion of the course, students will be able to:

1. Describe the nature and scope of econometrics.
2. Apply classical linear regression model to estimate relevant economic parameters, interpret outcomes, and test hypotheses using quantitative data.
3. Use simple excel worksheet to estimate simple and multiple regressions.

Lesson Sequence:

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Define Econometrics, Identify the basic steps in empirical economic analysis	1			L	
2	2.1	1	Identify the structure of economic data: cross-sectional data; time series data; pooled cross sections; panel or longitudinal data	1	1	5	L,SR	
3	3.1	1	Define and estimate the correlation and causation,	1	1		L	
4	4.1.1	2	Define the simple regression, derive the ordinary least squares (OLS) estimates	2		5	L, SR	
5	4.2.1	2	Distinguish between Population vs sample regression function; units of measurement and functional form, measurement of variance; residuals, fitted values, and goodness of fit	2	2	5	L,SR	
6	4.3.1	2	Estimate and interpret the coefficients; compute coefficient using excel.	1	2	5	L, SR	AS1 start
7	5.1.1	2	Define Gauss-Markov theorem; calculate expected values and variances of the OLS estimators, identify BLUE properties; unbiasedness; minimum variances; consistency	2	2	5	L, GW, SR	
8	5.2.1	2	Estimate the error variance; probability distribution of errors; normality assumptions; regression through the origin and regression on a constant	2	2	5	L, GW, SR	
9	6.1.1	2	Perform t test for slope and intercept; F test, derive confidence interval estimates	2	3	5	L, GW, SR	
10	6.2.1	3	Generate regression output using excel	1	3	5	L, GW, SR	ASI due
11	7.1	2	Evaluate the results of regression analysis: normality tests; other tests of model adequacy	1		5	L, GW, SR	
12	8.1	2	Identify the OLS assumptions	1		5	L, GW, SR	
13	9.1	2	Estimate Multiple Regression and interpret the regression output	2	2	5	L, GW, SR	
14	10.1	3	Identify the economic applications in Regression Analysis: Using Excel		2	5	GW	AS2 start
15	11	1, 2 & 3	Review	1			L	AS2 due
Total				20	20	60		

Abbreviations =Lectures, AS= Assignment, SR=Self Reading, GW=Group Work

Assessment Strategy:

In Course (Continuous) Assessment AS-01 = 20% AS-02 =20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Field work															
Assignments															
End semester examination	(after 2 weeks of study leave, end semester examination will be held)														

References:

1. Gujarati, D.N. and Porter, D.C.(2012). Basic Econometrics: Mc Graw Hill (5th Edition)
2. Wooldridge, J.M. (2012). Introductory Econometrics: A Modern Approach: South-Western, Cengage Learning (4th Edition).
3. Stock, J. H. and Watson, M.W. (2019). Introduction to Econometrics: Pearson Education, Inc.

Department of Economics
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Course Plan

Course Title: Managerial Economics

Course Code: ECON 22062 (30: 00: 70)

Course Capsule: Introduction: the fundamentals of managerial economics, Market forces, demand elasticity, supply elasticity, static and dynamic market equilibrium, Production and cost analysis, profit maximization model, pricing and output decisions, Game theory, and pricing strategies, Organization and governance, Government regulation, The economics of information, Investment analysis, Managing in the global economy.

Course Aim: This course provides an overview of economic tools and analytic approaches available to the manager for business decision-making. It will develop an economic perspective that is appropriate for students aspiring to manage business units or entire companies in a wide variety of industries.

ILOs: At the completion of the course, students will be able to:

1. Explain the different goals and constraints that firms face
2. Derive the equilibrium conditions for cost minimization and profit maximization
3. Explain different pricing practices and impacts of government on business

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction: the fundamentals of managerial economics, the firm, its goals, and optimization techniques	2			L, GD	
2	1	1	Market forces: demand and supply, analysis of demand and supply,	2			L	
3			Demand forecasting				L	
4	1	1	Demand elasticity, supply elasticity, static and dynamic market equilibrium	2		6	L, GD	
5	2	1	Production and cost analysis: production and production function	2		2	L, GD	
6	2	1	Cost of production, cost-output relationship	2		10	L, GD	Q1
7	2	1	Breakeven analysis, input-output analysis	2		4	L, GD	
8	3	2	Firms vs. markets and profit maximization model	2		2	L, GD	
	4	2	Market structures: pricing and output decisions in competitive and monopolistic	2		10	L, GD, SR	
9	4	2	Oligopolistic and monopolistic competitive markets	2		4	L, GD	AS1 start
10	5	2	Game theory and pricing strategies	2		8	L, GD	
11	6	3	Organization and governance	2			L	
12	7	3	Government regulation	2		10	L, GD, SR	Q2
13	8	3	The economics of information	2			L	
14	9	3	Investment analysis	2		12	L, GD, SR	AS1 due
15	10	3	Managing in the global economy	2		2	L	
Total				30	00	70		

Abbreviations: L=Lectures, GD= Group Discussion, AS= Assignment, Q = Quiz, SR= Self Reading

Assessment Strategy:

Continuous assessment Assignments – 20%, Quiz – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Mrs. AMP Adikari

Teaching Panel: Mrs. AMP Adikari

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Quiz															
End semester examination	(after 2 weeks of study leave, end semester examination will be held)														

References:

1. Anderson, D.R., Sweeney, D. J., and Williams, T.A. (2005). An Introduction to Management Science: Quantitative Approaches to Decision Making: Thomson South-Western Publishers.
2. McGuigna, J.R., Moyer, R.C., Frederick H., de B. Harris. (2005). Managerial Economics: Applications, Strategy, and Tactics: Thomson South-Western Publishers
3. Michael, B. (2017). Managerial Economics and Business Strategy: McGraw-Hill Irwin.

Department of Economics
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Course Plan

Course Title: Field Training and Out-source Activities

Course Code: ECON 22071 (05: 20: 25)

Course Capsule: Students are expected to develop a questionnaire for a field survey focusing a particular research objective. Then need to go to the survey area and complete the survey. Survey data need to be entered into excel/SPSS, analyze and make a report based on their findings. Visiting several industries/ companies/ SMEs: Department organizes field trip to visit several private sector business firms/institution in the country. All students are grouped and informed them to investigate different aspects of the business firms. Students are expected to participate various discussions, presentations and dialogs during this visit. After the visit students are expected to submit a final report to the course coordinator.

Course Aim: The overall aim of this course is to provide experience and exposure to field survey as well as field activities. Students are expected to participate fully in all field activities in a way that contributes to personal and collaborative learning. Students will be integrating knowledge, values and skills from the field experience.

ILOs: At the completion of the course, students will be able to:

1. Integrate theory with actual practice scenarios
2. Develop critical knowledge on field surveys
3. Develop professional as well as team based skills

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Select a research topic	1	-	2	L, GD, SR	AS1 start
2	1	1	Develop research topic and identify problem	1	-	2	L, SGD,SR	
3	1	1	Develop a questionnaire for a field survey	1	1	2	L, SGD,TW, SR	AS 1 due
4,5	1	2	Go to the survey area and complete the survey.	-	5	-	TW	
6	1	2	Data entry into excel/SPSS	1	2	-	L, SGD, TW	
7,8	1	2	Analyze and make a report based on their findings	1	2	3	L, TW	
9	1	2,3	Presentation	-	1	2		IP
10,11	2	3	Visiting several industries/ companies/ SMEs	-	6	-	TW	
12,13	2	3	Discussions, presentations and dialogs during this visit.	-	2	2	SGD	
14	2	3	Draft the final report	-	-	10	SGD	FR
15	2	3	Group Presentation	-	1	2	TW	IP
Total				5	20	25		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, TW= Team Work, FR= Final Report, IP= Individual Presentation

Assessment Strategy:

Continuous assessment	20%
Presentation & final report	80%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching Panel: Mr. HABW Hettiarachchi

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■			■	■								
Practical			■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■				■	■	■	■			■	■	■
Assignments	■														
Presentation									■						■
End semester examination	(after 2 weeks of study leave, Final report should be submitted)														

References:

Recomanded readings related to legal and public policies will be recomanded by the course coordinator.

Department of Economics
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Course Plan

Course Title: Business Law and Ethics

Course Code: ECON 22082 (30: 0: 70)

Course Capsule: Introduction to business law, the nature and sources of law, legal system and court system, law of contract, sale of goods, company law, IP law, international trade Introduction to ethics and stakeholders issues (levels of ethics, stakeholder management approach), ethical principles and philosophical approaches to ethics Corporate responsibility (CR and CSV), corporate citizenship, corporate governance and fairtrade. Legislation vs alternative dispute resolution Torts, contracts, property law and intellectual properties Employment law, criminal law and business

Course Aim: This module addresses to provide students a basic understanding regarding the related laws applicable to business practices. It will introduce students to the laws and ethical standards that managers must abide by in the course of conducting business.

ILOs: At the completion of the course, students will be able to:

1. Explain applicable laws and legal concepts for business practices
2. Discuss the practical insight of the business law and the conduct
3. Solve organizational issues using broader viewpoints

Lesson Sequence:

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Discuss Basic Concepts of Business Economics	1		5	L, D,SR	
			Introduction to business law	1		4	L,D,SR.	
2	2	1,2	Nature and sources of law	2		4	L, D,SR	
3	3	1,2	Legal system and court system	2		5	L,D,SR,GD	AS1 start
4	3	1,2	law of contract, sale of goods	2		4	L, GW,D,SR	
5	4	1,2	Company law, IP law	2		5	L,D,GW,SR	AS1 due
6		1,2,3	Presentations by students	2		4	GD,SR	
7	5	1,2,3	International trade Introduction to ethics and stakeholders issues (levels of ethics, stakeholder management approach),	2		5	D, GW	
8	6	2,3	Ethical principles and philosophical approaches to ethics	2		5	L, D, SR	AS2 start
9	7	2,3	Corporate responsibility (CR and CSV)	2		5	L,GW	
10	8	2,3	corporate citizenship, corporate governance and fair-trade	2		4	SR,L, D	
11			Presentations by students	2		4	D,SR	AS 2 due
12	9	1,3	Legislation vs. alternative dispute resolution	2		4	L,GW,D,SR	
13	10	1,3	Torts, contracts, property law and intellectual properties	2		4	L,D,SR	
14	11	1,3	Employment law and business	2		4	L,D,SR	
15	11	1,2,3	Criminal law and business	2		4	L,D.SR	
Total				30		70		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, PR- Presentation, GW- Group Work, AS=Assignment

Assessment Strategy

In Course Continuous Assessment	40%
End Semester examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching Panel: Mr. HGKN Bandara

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments			■					■							
Presentation						■					■				
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

01. Murray, C., Halloway, D., & Timson-Hunt, D. (2012). Schmittoff's Law and Practice of International Trade: Sweet & Maxwell Ltd.
02. Laasch, O., & Conaway, R.N. (2016). Responsible Business: The Textbook for Management Learning, Competence and Innovation: Routledge

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Course Plan

Course Title: ICT for Data Management

Course Code: ECON 22091 (10: 10: 30)

Course Capsule: Introduction to data management, Database architecture, Models for databases: introduction to MySQL, the standard and basic structure of SQL data definition, insertion and referential integrity constraints, updates, deletion, views, joins, join operations, cartesian products, inner joins, complex joins with three or more tables, outer joins, self – joins, SQL functions, AVG, SUM, MIN, MAX, GROUP BY, HAVING Subqueries, Database procedures: functions and assertions Introduction to database security Practical.

Course Aim: This course provides opportunities for students to learn how to protect, oversee and interpret data assets for various organizations including corporations, government agencies, educational institutions, and medical facilities. It introduces basic concepts, methodologies and algorithms for database design along with acknowledgment of different types of data models such as entity-relationship model, relational model, object-oriented data model etc.

ILOs: At the completion of the course, students will be able to:

1. Explain the primary concepts of database design
2. Develop Online applications for databases, data mining and systems maintenance
3. Demonstrate a higher ability to conduct an independent research project

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to data management: Types of databases and planning for data management, data management plan, sample data management plans	1	-	2	L, SR	
2	2.1	1,2	Database architecture: entity-relationship model, entities, attributes, keys	-	2	2	L, CBT, SR	Q1
3	2.2	2	logical and physical data models and modeling tools	1	-	2	L, SR	
4	2.3	1	Structured and object design approaches	1	-	2	L, SR	
5	3.1	1,2	Models for databases: introduction to MySQL, the standard and basic structure of SQL data definition, insertion and referential integrity constraints	-	2	2	L, CBT, SR	
6	3.2	1,	Updates, deletion, views, joins, join operations, cartesian products, inner joins,	1	-	2	L, SR	Q2
7	3.3	1,2	Complex joins with three or more tables, outer joins, self – joins	1	-	2	L, SR	
8	3.4	1,2	SQL functions, AVG, SUM, MIN, MAX, GROUP BY	1	-	2	L, SR	
9	4.1		HAVING Subqueries: defining sub queries, subquery restrictions, subqueries with other SQL operators (IN, NOT IN, etc.)	-	2	2	L, CBT, SR	Q3
10	5.1	1,2	Multiple levels of nesting, sub queries and comparison operators, correlated subqueries,	-	2	2	L, CBT, SR	AS 1 start
11	5.2	1,2	Implementation including user interface and reports	1	-	2	L, SR	
12	6.1	1,2,3	Database procedures: functions and assertions	1	-	2	L, SR	AS 1 due
13	7.1	1,2,3	Introduction to database security	1	-	2	L, SR	
14	7.2		Practical: writing MySQL Queries using MySQL and relevant practices	-	2	2	L, CBT, SR	Q4
15	8.1	1,2,3	Review	1	-	2	L, SGD, SR	
Total				10	10	30		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, CBT = Computer-Based Training, AS= Assignment, Q = Quiz.

Assessment Strategy:

Continuous assessment: Assignments – 20%, Quizzes (04) – 20%	40%
End semester examination (Theory)– 60%	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical		■			■				■	■				■	
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments										■					
Quiz		■				■			■					■	
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Briney, K. (2015). Data Management for Researchers: Pelagic Publishing.
2. Mitchell, M.N. (2010). Data Management Using Stata: StataCorp L.
3. Rose, D. and Sullivan, O. (1996). Introducing Data Analysis for Social Scientists: Open University Press

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Course Plan

- Course Title:** Advanced Microeconomics
- Course Code:** ECON 31013 (45: 00: 105)
- Course Capsule:** Consumer Theory: preferences and utility, budget constraint, consumer choice, demand and comparative statics, Slutsky decomposition, labour supply and inter temporal choice, consumer surplus Producer Theory : technologies and their properties, cost minimization (SR and LR), profit maximization and firm's supply Uncertainty: contingent commodities, expected utility and attitude toward risk, choice under uncertainty, demand for insurance, demand for risky asset, price of information Markets: perfectly competitive market, monopoly and monopolistic behavior, market power and product differentiation, strategic interactions and game theory, static games, dynamic games and beliefs Asymmetric information: adverse selection, signaling and screening, hidden characteristics and adverse selection, hidden action and moral hazard problem, General equilibrium and welfare: existence and uniqueness of equilibrium, general equilibrium under uncertainty
- Course Aim:** The aim of this course is to further develop students' knowledge of microeconomic theory and policy issues. It provides students with a mathematical approach to traditional topics covered in the first microeconomics courses and introduces them to additional topics, especially in relation to the economics of information and social choice theory.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the core concepts and models in the field of microeconomics
 2. Solve and interpret stylized problems based on microeconomic models
 3. Use appropriate models to analyze real-world policy

Lesson Sequence:

Week	Lesson No.	Related ILO.	Lesson Title	Time (hours)			Teaching/Learning Methods	Assessment Methods
				T	P	IL		
1	1	1	Discuss Concepts of Economics and recall previous knowledge	3		7	L, D,SR	
2	2	1,2,3	Consumer Theory : preferences and utility, budget constraint, consumer choice, demand and comparative statics, Slutsky decomposition,	3		7	L, D,SR	
3	3	1,2	labor supply and inter temporal choice, consumer surplus	3		7	L,D,SR,GD	AS1 start
4	3	1,2	Producer Theory : technologies and their properties, cost minimization (SR and LR),	3		7	L, GW,D,SR	
5	3	1,2	Profit maximization and firm's supply	3		7	L,D,GW,SR	AS1 due
6		1,2,3	Presentations by students	3		7	GD,SR, PR	PR
7	4	1,2,3	Uncertainty : contingent commodities, expected utility and attitude toward risk, choice under uncertainty, demand for insurance, demand for risky asset, price of information	3		8	D, GW, PR	
8	5	2,3	Markets: perfectly competitive market, monopoly and monopolistic behavior,	3		6	L, D, SR	AS2 start
9	5	2,3	Market power and product differentiation, strategic interactions and game theory, static games, dynamic games and beliefs	3		6	L,GW,PR	
10	6	2,3	Asymmetric information: adverse selection, signaling and screening, hidden characteristics and adverse selection, hidden action and moral hazard problem,	3		6	SR,L, D	
11	6			3		6		
12		2,3	Presentations by students	3		6	D,SR, PR	PR
13	9	2,3	General equilibrium and welfare: existence and uniqueness of equilibrium, general equilibrium under uncertainty	3		5	L,GW,D,SR	
14	10			3		7	L,D,SR	
15	11	1,2,3	Review and summary	3		13	L,D,SR	
Total				45		105		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, PR- Presentation, GW- Group Work, AS=Assignment

Assessment Strategy

Continuous assessment: Assignments(02) – 40%,	40%
End semester examination (Theory)– 60%	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala

Teaching Panel: Dr. SAU Niranjala

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments			■					■							
Presentation						■						■			
End-semester examination	(After 02 weeks of study leave, End semester examination will be held)														

References:

1. Varian, H. R. (2009). Intermediate Microeconomics: A Modern Approach:W. W. Norton & Company
2. Pindyck, R.S. and Rubinfeld, D.L. (2013). Microeconomics: Pearson Series in Economics
3. Dwivedi, D.N. (2010) Microeconomics: Theory and Applications: McGraw Hill

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Course Plan

- Course Title:** Development Economics
- Course Code:** ECON 31022 (30: 00: 70)
- Course Capsule:** Introduction to development economics, Growth & development: measurement, process, empirical evidence, Common characteristics of the developing countries, Classic theories of development: Linear-Stages Theories (Rostow's stages of growth, The Harrod Domar Growth Model), Structural Change Models (The Lewis theory of development), The International-Dependence Revolution, The Neo-classical Counter-Revolution, Solow neoclassical growth model New growth theories: endogenous growth, theory of big-push Financing development (capital and saving, financial system and development) Guiding development: markets vs. controls (the role of government in development, good governance) Development and institutions, Development and environment, Development and globalization.
- Course Aim:** The aim of this course is to provide an in-depth introduction to the multidisciplinary field of development studies with a rigorous understanding of different theories and approaches in the development field. The course further offers the students to acquire sound knowledge of specific factors which determine the growth and prosperity of the developing nations and an in-depth understanding of strategies for fostering development.
- ILOs:** At the completion of the course, students will be able to:
1. Describe classic theories of development
 2. Describe the contemporary model of development
 3. Demonstrate the development issues and challenges faced by the developing nations

Lesson Sequence:

Week	Lesson No.	Related ILO.	Lesson Title	Time (hours)			Teaching/Learning Methods	Assessment Methods
				T	P	IL		
1	1	1	Introduction to development economics	2		5	L, D,SR	
2	2	1,2	Growth & development: measurement, process, empirical evidence	2		5	L, D,SR	
3	3	1,2	Common characteristics of the developing countries	2		5	L,D,SR,GD	AS1 start
4	4	1,2	Classic theories of development: Linear-Stages Theories (Rostow's stages of growth, The Harrod Domar Growth Model),	2		5	L, GW,D,SR	
5	4	1,2	Structural Change Models (The Lewis theory of development),	2		5	L,D,GW,SR	AS1 due
6		1,2,3	Presentations by students	2		5	GD,SR, PR	PR
7	4	1,2,3	The International-Dependence Revolution, The Neo-classical Counter-Revolution, Solow neoclassical growth model	2		5	D, GW, PR	
8	4	2,3	New growth theories: endogenous growth, theory of big-push	2		5	L, D, SR	AS2 start
9	5	2,3	Financing development (capital and saving, financial system and development)	2		5	L,GW,PR	
10	6	2,3	Guiding development: markets vs. controls (the role of government in development, good governance)	2		5	SR,L, D	
11		1,2,3	Presentations by students	2		5	D,SR, PR	PR
12	7	3	Development and institutions	2		5	L,GW,D,SR	
13	8	3	Development and environment	2		5		
14	9	3	Development and globalization	2		5	L,D,SR	
15		1,2,3	Review (summary)	2		-	L,D,SR	
Total				30		70		

Abbreviations: *SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, PR- Presentation, GW- Group Work, IL=Independent Learning, AS=Assignment.*

Assessment Strategy

In Course Continuous Assessment	40%
End Semester examination (Theory)	60%
Total	100%

Course Coordinator: Ms. JMG Lalani

Teaching Panel: Ms. LMG Lalani

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Presentation															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Bardhan, P. and Udry, C. (1999). Development Microeconomics: Oxford University Press.
2. Ghatak, S. (2005). Introduction to Development Economics: Routledge
3. Todaro, M. P. and Stephen, C.S. (2003). Economic Development: Pearson Education.

Department of Economics
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Course Plan

- Course Title:** Project Planning and Appraisal
- Course Code:** ECON 31032 (25: 10: 65)
- Course Capsule:** Introduction to project planning and analysis, Project planning cycle, Project management and management techniques, Financial analysis of projects, Benefits- cost ratio, environmental impact assessment; Economic analysis the rationale for economics analysis, Social cost-benefit analysis: basic arguments for social cost-benefit analysis.
- Course Aim:** This course aims at providing theoretical and empirical knowledge of investment project planning and appraisal procedures. It will make the students familiar with financial planning, analysis, selection, and implementation and review the capital expenditure investments.
- ILOs:** At the completion of the course, students will be able to:
1. Explain fundamentals of project planning and appraisal techniques
 2. Apply the knowledge of project planning and appraisal in practice
 3. Develop new project proposals (business and development) and project evaluation reports

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to project planning and analysis	1	-	4	L, SR	Q1
2	2.1	1	Project planning cycle	2	-	6	L, SR	
3	2.2	1,2	Problem identification and statement: Needs assessment, project activities	1	-	4	L, GD, SR	
4	3.1	1	Approaches to project planning: results-based approach and activity driven approach	2	-	4	L, SR	AS 1 start
5	3.2	1,2	The logical framework analysis, objective oriented project planning	2	-	4	L, SR	
6	4.1	2	Feasibility studies, Project formulation / preparation of project reports	2	2	4	L, PSA SR	AS 1 due
7	5.1	1	Project management and management techniques	2	-	4	L, GD, SR	Q2
8	6.1	1,2	Financial analysis of projects: shadow price calculation	2	-	6	L, SR	
9	6.2	1	Net present value, internal rate of returns,	2	-	4	L, SR	
10	6.3	1,2	Benefits- cost ratio, environmental impact assessment	2	3	4	L, GD, PSA, SR	AS 2 start
11	6.4	1,2	Economic analysis the rationale for economics analysis, the process and elements of economic analysis	2	2	4	L, SR, PSA	
12	6.5	1,2	Social cost-benefit analysis: basic arguments for social cost-benefit analysis	2	-	4	L, GD, SR	AS 2 due
13	6.6	2,3	Social impact assessment	1	3	4	L, PSA, SR	
14	6.7	1,2,3	Sensitivity analysis	1	-	4	L, GD, SR	Q3
15	7.1	1,2,3	Review	1	-	5	L, SR	
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, PSA=problem solving activities in class, AS= Assignments Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments(02) – 25 % Quizzes (03) – 15 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical work						■				■	■		■		
Assignments				■						■					
Quiz	■						■								■
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Gido, J. and Clements, J. (2018). Successful Project Management: Cengage Learning.
2. Kerzner, H. (2009). Project Management: A Systems Approach to Planning, Scheduling, and Controlling: John Wiley.
3. Meredith J.R. & Mantel, S.J. (2000). Project Management: A Managerial Approach: John Wiley & Sons.

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Course Plan

Course Title: Econometrics II

Course Code: ECON 31043 (35: 20: 95)

Course Capsule: Review of Econometrics Methods: OLS; maximum likelihood method(ML), Multiple Regression Analysis: estimation; interpretation; goodness of fits (including R^2 and adjusted R^2), Empirical Estimation using SPSS / STATA and Interpreting the Output, Regression on standardized variables, Choice of Functional Form, Multiple Regression Analysis: Problem of inference: hypothesis testing about individual regression coefficients; testing the overall significance of the sample regression; Testing the equality of two regression coefficients; restricted least squares (testing linear equality restrictions); Testing for structural or parameter stability; testing the functional form of regression, Performing Above Tests Using STATA, Violation of Assumptions: Multicollinearity; homoscedasticity; autocorrelation; stochastic disturbance term; Practical consequences; detecting; remedial measures, Model specification and diagnostic testing; endogeneity ; omitted variables, measurement error and simultaneity, Detecting and Correcting Violation of Assumptions using STATA.

Course Aim: This course aims to provide students a better understanding of econometric concepts in the intermediate level. The course provides the students learning opportunities to broaden their understanding of the econometrics using the statistical software in order to produce and interpret the results.

ILOs: At the completion of this course, the student will be able to;

1. Perform econometric analysis using empirical data
2. Explain and interpret econometric results
3. Explain the causes and consequences of violation of assumptions under CLRM and recognize the remedial measures

Lesson Sequence:

Week	Lesson No.	Related ILO	Lesson Title	Time (hours)			Teaching Methods	Assessment Methods
				T	P	IL		
1	1.1	1	Review of Econometrics Methods: OLS; maximum likelihood method (ML)	3	1	7	L	
2	2.1	1	Perform Multiple Regression Analysis: estimation; interpretation; goodness of fits (including R ² and adjusted R ²)	3		6	L	
3	3.1	1	Collect the field data for model estimation	3	2	6	FV	AS1 start
	3.2	1	Empirically Estimate Multiple Linear Regression model using SPSS / STATA and Interpret the Output – Part I	2	2	6	L, SR	
4	4.1	1	Empirically Estimate Multiple Linear Regression Model using SPSS / STATA and Interpret the Output – Part II	2	2	6	L,SR	AS1 Due
5	5	2	Estimate Regression on standardized variables	2		6	L,SR	
6	6.1	2	Study different Functional Form	2	2	6	L,SR	
7	7.1.1	2	Perform Multiple Regression Analysis: Problem of inference: hypothesis testing about individual regression coefficients; testing the overall significance of the sample regression	2	2	6	L,SR	
8	7.2.1	2	Test the equality of two regression coefficients; restricted least squares (testing linear equality restrictions)	2		5	L,SR	
9	7.3.1	2	Test for structural or parameter stability; testing the functional form of regression	2		6	L,SR	
10	8.1	2	Perform Above Tests Using STATA – Part I	2	2	6	L,SR	
11	9	2	Perform Above Tests Using STATA – Part II	2	2	6	L, SR	
12	10.1.1	3	Identify the nature of Violation of Assumptions: Multicollinearity; homoscedasticity; autocorrelation; stochastic disturbance term	2		6	L, SR	
13	10.2.1	3	Identify the practical consequences of Violation of assumptions, Learn detecting methods and remedial measures	2	1	6	L	
14	11.1	3	Study the Model specification and diagnostic testing; endogeneity ; omitted variables, measurement error and simultaneity	2		6	L,SR	AS2 Start
15	12		Detect and Correct Violation of Assumptions using STATA	2	4	5	L,SR	AS2 Due
Total				35	20	95		

Abbreviations: L=Lectures, FV=Field visit, SR= Self Reading, AS= Assignment

Assessment Strategy

In Course (Continuous) Assessment AS-01 = 20% AS-02 =20%	40%
End Semester Theory Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■			■	■	■	■	■	■	■	■	■	■	■
Practical	■		■	■		■	■			■	■		■		■
Independent Learning		■	■	■		■	■	■	■	■	■	■	■	■	
Field visits			■												
Assignments			■											■	
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Gujarati, D.N. and Porter, D.C. (2012). Basic Econometrics: Mc Graw Hill (5th Edition).
2. Wooldridge, J.M. (2012). Introductory Econometrics: A Modern Approach: South-Western, Cengage Learning (4th Edition).

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Course Plan

Course Title: Public Sector Economics

Course Code: ECON 31053 (45: 00: 105)

Course Capsule: An overview of public sector economics, Voting and rent-seeking, Fundamentals of welfare economics, Expenditure programs, Public policies and taxation, Fiscal policy issues in Sri Lanka, and Managing the public sector's assets and liabilities.

Course Aim: This course provides an overview of the theory and empirics of public sector economic activities, specifically, those relating to the provision of public goods, taxation and regulatory policies. The course is designed to enable students to understand the rationale for government intervention in the economy and policy tools used to achieve the intended objectives of the government.

ILOs: At the completion of this course, students will be able to:

1. Assess the main social expenditure programs and their effects on economic development
2. Analyze public policies
3. Analyze the influence and the role of public institutions in the economy

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	An overview of public sector economics	3	-	7	L, SR	
2	1.2	1,2	The economic role of the government, rationale for the government intervention	3	-	7	L, SR	Q1
3	1.3	1,2	The public sector in a mixed economy	3	-	7	L, SR	
4	2.1	1,2	Voting and rent-seeking	3	-	7	L, SR	
5	3.1	1,2	Fundamentals of welfare economics: market efficiency, market failure, efficiency and equity;	3	-	7	L, SR	
6	4.1	1,2,3	Provision of public goods: public goods, public choice, public production and bureaucracy,	3	-	7	L, SR	Q2
7	4.2	1,2	Externalities and regulations	3	-	7	L, GD, SR	
8	5.1	2,3	Expenditure programmes: health-care, education	3	-	7	L, SR	
9	5.2	3	Social security and welfare programmes	3	-	7	L, SR	
10	6.1	1,2	Public policies and taxation: introduction to taxation, characteristics of tax system, tax incidence	3	-	7	L, GD, SR	AS 1 start
11	6.2	1,2	Taxation and economic efficiency, optimal taxation, taxation on factor incomes	3	-	7	L, SR	
12	7.1	1,2,3	Fiscal policy issues in Sri Lanka: revenue, expenditure, deficit, deficit financing,	3	-	7	L, GD, SR	AS 1 due
13	7.2	1,2	Debt and debt management.	3	-	7	L, SR	Q3
14	8.1	2,3	Managing the public sector's assets and liabilities	3	-	7	L, SR	
15	9.1	1,2,3	Review	3	-	7	L, SR	
Total				45	-	105		

Abbreviations: L=Lectures, GD= Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 25 % Quizzes (03) – 15 %	40%
End semester examination (Theory)– 60%	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage
Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments										■					
Quiz		■				■							■		
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Rosen, H. and Gayer, T. (2013). Public Finance: Mcgraw-Hill Series in Economics
2. Stiglitz, J and Rosengard, J. K. (2015). Economics of the Public Sector: Norton & Company, Inc
3. Myles, G. D. (1995). Public Economics: Cambridge University Press

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Course Plan

Course Title: Principles of Finance

Course Code: ECON 31061 (10: 10: 30)

Course Capsule: Overview of the finance principles; Four major financial decisions and the wealth maximization principle; Content of financial statements and how it reflects financial decisions; Investment, financing, time value of money and risk and return principles and their applications for long-term investment and financing decisions; Incremental cash flow principle for costing and pricing of products and services; Maturity matching principle and its application for financing decisions; Budgeting; Interpretation of financial statements by applying ratio analysis; Financial institutions: investment banking; financial markets

Course Aim: This course aims to provide students with a critical understanding of the basic principles of finance and their applications for the financial decisions made by both individuals and organizations.

ILOs: At the completion of this course, the student will be able to:

1. Explain the content of financial statements and how it reflects financial decisions
2. Analyze principles, techniques and major functions of finance in business and organizations
3. Apply MS Excel for making computations relating to finance principles

Course plan

Week No.	Less on No.	Related ILO/s	Lesson Title	Theory hrs	Practical hrs	IL hrs	Teaching /Learning Methods	Assessment Method
1	1	1	Examine the basic finance principles	1	-	2	L, D,SR	
2	2.1	1	Identify the Four major financial decisions and the wealth maximization principle	1	1	2	L, D ,SR	
3	2.2	1	Identify the Four major financial decisions and the wealth maximization principle	-	1	3	L, D,SR	
4	3	1	Describe the Content of financial statements and how it reflects financial decisions	1	1	2	L, D,SR	
5	4.1	1	Interpret Investment, financing, time value of money and risk and return principles and identify their applications for long-term investment and financing decisions	1	1	3	L, D,SR	AS 1- start
6&7	4.2	1	Interpret Investment, financing, time value of money and risk and return principles and identify their applications for long-term investment and financing decisions	1	1	3	L, D,SR	
8 & 9	5	2	Discuss incremental cash flow principle for costing and pricing of products and services	1	1	3	L, D,SR	AS 1- due
10 & 11	6	2	Maturity matching principle and its application for financing decisions	1	1	3	L, D,SR	AS 2 -start
12	7	2	Prepare a Budget	-	1	3	L, D,SR	
13	8	3	Interpretation of financial statements by applying ratio analysis	1	1	3	L, D,SR	
14	9	3	Financial institutions: investment banking; financial markets	1	1	3	L, D,SR	AS 2- due
15	10	1, 2, 3	Review	1	-	-	L, D	
Total				10	10	30		

Abbreviat

ions: L=Lectures, SR=Self reading, D=Discussion, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment Assignments (02) = 40%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching Panel: Mr. HGKN Bandara

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after 2 weeks of study leave, End semester examination will be held)														

References:

1. Gitman, L. J. and Zutter, C. J. (2012). Principles of Managerial Finance: Prentice Hall
2. Keown, A.J., Martin, J.D. and Petty, J.W. (2017). Foundations of Finance: Pearson Education Limited
3. Arnold, G. (2007). Essentials of Corporate Financial Management: Prentice Hall

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Course Plan

Course Title: Sustainable Development

Course Code: ECON 31072 (25: 10: 65)

Course Capsule: Introduction and History: Evaluation of concepts, Brundtland, Rio, MDGs to SDGs; Environment and economic aspects of sustainable development; Social and political aspects of sustainable development; Approaches to modeling sustainable development; SDGs and progress; Pollution and growth; Poverty and inequality; What sustains economic development; Optimal development and green accounting; Energy pricing for sustainable development; Carbon abatement, transfers and energy efficiency; Industrial competitiveness, environment and direct foreign investment; Economic policies for sustainable development

Course Aim: The aim of this course unit is to provide students the opportunities to broaden their understanding about the concept of sustainable development in the regional and global development process and to learn how economic policies apply to promote sustainable development in the world.

ILOs: At the completion of this course, the student will be able to:

1. Comprehend the key aspects of sustainable development (SD)
2. Demonstrate central matters discussed under the sustainable development
3. Evaluate the potential strategic options for SD at national and global level.

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	Theory hrs	Practical hrs	IL hrs	Teaching /Learning Methods	Assessment Method
1	1	1	Identify the history / emergence of the concept of sustainable development: Brundtland, Rio, MDGs to SDGs	1	-	4	L,GD,SR	
2	2	1	Identify the environment and economic aspects of sustainable development	2	-	4	L,GD,SR	
3	3	1	Identify the social and political aspects of sustainable development	2	-	4	L,GD,SR	
4	4	1	Discuss the different approaches to modeling sustainable development	2	-	4	L,GD,SR	
5	5	2	Discuss the SDGs and progress	1	2	4	L,GD,SR	AS 1: start
6	6	2	Explain the relations of the concept of pollution and growth	2	2	4	L,GD,SR	
7	7	2	Explain the concepts - Poverty and inequality	2	-	4	L,GD,SR	
8	8	3	Identify What sustains economic development	2	-	4	L,GD,SR	AS 1: due
9	9	3	Explain the concepts - optimal development and green accounting	2	-	5	L,GD,SR	
10	10	3	Describe the energy pricing for sustainable development	2	2	5	L,GD,SR	PR
11	11	3	Describe the Carbon abatement, transfers and energy efficiency	2	2	6	L,GD,SR	PR
12 & 13	12	3	Describe industrial competitiveness, environment and direct foreign investment	2	-	6	L,GD,SR	
14	13	3	Identify the economic policies for sustainable development	2	2	6	L,GD,SR	
15	14	1,2 & 3	Review	1	-	5	GD,SR	
Total				25	10	65		

Abbreviations: L=Lectures, Group Discussion, SR=Self Reading, AS= Assignment, PR=Presentations

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Ms. JMG Lalani

Teaching Panel: Ms. JMG Lalani

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Golding, I. Winters, L.A. (1998). The Economics of Sustainable Development: Center for Economic Policy Research, OECD
2. Blewitt, J. (2008), Understanding Sustainable Development: Earthscan
3. Faucheux, D. Pearce and J. Proops (1996), Models of Sustainable : Edward Elgar Pub

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Course Plan

Course Title: Economics of Education

Course Code: ECON 31082 (30: 00: 70)

Course Capsule: Introduction to economic education, understanding markets in education, Education policies Educational attainment and earnings, the human capital model Selection into education and measuring the benefits, how school resources affect achievement, Public schools and school finance, School choice, School accountability, Teacher training and the labor market for teachers, Market dimensions of higher education and education policies in Sri Lanka.

Course Aim: The aim of this course unit is to provide an introduction to the various aspects of the economics of education. It applies the tools of economic analysis to educational policy and problem solving. Further the theoretical background that explains individual and public investment in education is reviewed and linked to empirical evidence.

ILOs: At the completion of this course, the student will be able to:

1. Apply theoretical and empirical methods of economics to education policy
2. Analyze how the market for education work
3. Propose the potential options for improving the efficiency and equity of education policies

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to economic education: the role of economics in understanding education policy	2	-	2	L, SR	
2	1.2	1	Understanding markets in education	2	-	5	L, SGD, SR	Q1
3	2.1	1,2	Education policies	2	-	5	L, SGD, SR	
4	3.1	1	Educational attainment and earnings	2	-	5	L, SR	AS 1: start
5	4.1	1	The human capital model	2	-	5	L, SGD, SR	
6	4.2	1	Selection into education and measuring the benefits	2	-	5	L, SGD, SR	AS 1: due
7	5.1	1,2	How school resources affect achievement	2	-	5	L, SGD, SR	Q2
8	5.2	1,2	Public schools and school finance	2	-	5	L, SR	
9	5.3	1,2	School choice	2	-	5	L, SR	AS 2 :start
10	6.1	1	School accountability	2	-	5	L, SGD SR	
11	7.1	1	Teacher training and the labor market for teachers	2	-	5	L, SR, PSA	AS 2 : due
12	8.1	2,3	Market dimensions of higher education	2	-	5	L, SGD, SR	
13	9.1	2,3	Education policies in Sri Lanka: primary, junior secondary, senior secondary, and collegiate I	2	-	4	L, SGD, SR	
14	9.2	2,3	Education policies in Sri Lanka: tertiary II	2	-	6	L, SGD, SR	Q3
15	10	1,2,3	Review	2	-	3	L, SR	
Total				30	00	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments (02) – 20% Quizzes (03) –20 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. SWGK Bulankulama

Teaching Panel: Prof. SWGK Bulankulama

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments				■					■						
Quiz		■					■							■	
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Gruber, J. (2005). Public Finance and Public Policy: Worth Publishers
2. Belfield, C. R. (2000). Economic Principles for Education: Theory and Evidence: Edward Elgar
3. Ladd, H. F. and E. B. Fiske, eds. (2007). Handbook of Research in Education Finance and Policy: Lawrence Erlbaum Associates

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Rajarata University of Sri Lanka
Course Plan

Course Title: Environmental Economics

Course Code: ECON 31092 (25: 10: 65)

Course Capsule: Economy and environment relationship: basic models (circular flow model and materials balance model); Market efficiency and market failures: externalities, public goods, property right; Coase theorem, tragedy of the commons, transactions costs and institutions; Environmental policy instruments and implementation; Conventional solutions for environmental issues: command and control approaches; Economics solutions for environmental issues: market based instruments such as taxes, Pigovian tax subsidies, deposit refund system, tradable permits; Payments for ecosystem services (PES); Economics of renewable and non-renewable resources; Economics of fisheries, forestry and water; Impacts of economic policies on environment.

Course Aim: This course is intended to serve as an introduction to the concepts, theories and methods used in the economic analysis of environmental and natural resource issues. The objective of the course is to provide knowledge of environmental problems and natural resource issues, and to enable students to understand the use of economic instruments to mitigate environment-related problems.

ILOs: At the completion of this course, the student will be able to:

01. Define the basic concepts in the field of environmental economics
02. Analyze the impacts of economic policies on the environment
03. Design the appropriate market based instruments for mitigating environmental issues

Course plan

Wee k No.	Lesson No.	Relate d ILO/s	Lesson Title	The ory hrs	Prac tical hrs	IL hrs	Teaching /Learning Methods	Assessme nt Method
1	1	1	Examine economy and environment relationship: basic models (circular flow model and materials balance model)	2	1	4	L, GD,SR	
2, 3, & 4	2	1	Interpret the Market efficiency and identify the market failures: externalities, public goods, property right, Coase theorem, tragedy of the commons, transactions costs and institutions	2	1	12	L,GD,SR	
5	3	2	Identify Environmental policy instruments and implementation	2	1	5	L, GD,SR	
6	4	3	Examine the conventional solutions for environmental issues: command and control approaches	3	1	5	L,GD,SR	AS 1 start
7, 8 & 9	5	3	Identify the economics solutions for environmental issues: market based instruments such as taxes, Pigovian tax subsidies, deposit refund system, tradable permits	3	1	12	L ,GD,SR	
10	6	3	Identify the payments for ecosystem services (PES)	3	1	5	L ,GD,SR	AS 1: due
11 & 12	7	1	Distinguish between Economics of renewable and non-renewable resources	3	1	8	L ,GD,SR	AS 2:start
13	8	2	Economics of fisheries, forestry and water	3	1	5	L, GD,SR	
14	9	3	Describe the impacts of economic policies on environment	2	1	5	L,GD,SR	AS 2: due
15	10	1, 2 & 3	Review	2	1	4	L ,GD,SR	
Total				25	10	65		

Abbreviations: L=Lectures, GD=Group Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna**Teaching Panel:** Prof. RPIR Prasanna**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Charles K. (2000). Environmental Economics: Oxford University Press
2. Tietenberg, T. and Lewis, L. (2015). Environmental and Natural Resource Economics: Pearson Education
3. Barry, C. F. and Martha, K. F. (2006). *Environmental Economics: An Introduction:*

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Course Plan

- Course Title:** Rural and Urban Economics
- Course Code:** ECON 31102 (30: 00: 70)
- Course Capsule:** Introduction to rural and urban economics: Urbanization: urban growth, why cities exist and economic factors influencing urbanization, different stages of urbanization, features of urbanization, the new paradigm for urban development, Urban housing and public policy, Urban Transportation, Overview of rural economics, Theoretical frameworks for rural development, Local rural development strategies, institutional approach for rural development: organizational development and performance improvement plan for rural development, between poverty alleviation and community common effort.
- Course Aim:** The course aims to provide basic theoretical knowledge on rural and urban economics with comprehensive understanding of policies and strategies applied for rural and urban development by the governments.
- ILOs:** At the completion of this course, the student will be able to:
1. Explain the basic concepts in rural and urban economics
 2. Describe the fundamental economics and rural development theories
 3. Evaluate the application of local policies for the economic development process

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to rural and urban economics: The use of macro and micro concepts	1	-	1	L, SR	Q1
2	1.2	1	Causal inference in urban and rural economics	3	-	3	L, GD, SR	AS 1 Start
3	2.1	1	Urbanization: urban growth, why cities exist and economic factors influencing urbanization, different stages of urbanization, features of urbanization	2	-	6	L, SR	
4	2.2	1	The new paradigm for urban development, poverty and crime in urban areas	2	-	2	L, GD, SR	AS 1 due
5	2.3	1	Urban housing and public policy: challenges in urban housing markets and public interventions	2	-	6	L, SR	Q2
6	3.1	1,2	Urban Transportation: urban transportation planning and governance, the elements of urban transportation efficiency and urban transport problems	3	-	4	L, SR	
7	3.2	1	Sustainable urban transportation systems	2	-	6	L, GD, SR	Q3
8	4.1	1	Overview of rural economics: rural development and planning	1	-	4	L, SR	
9	4.2	1	Regional disparity in economic growth	3	-	6	L, GD, SR	AS 2 start
10	5.1	2	Theoretical frameworks for rural development: neoclassical growth theory, cumulative causation	1	-	5	L, GD, SR	
11	5.2	2	Location theory	2	-	4	L, SR	AS 2 due
12	6.1	1,2,3	Local rural development strategies: institutional approach for rural development: the role of the local government, importance of public, private and non-government organizations, civil society for effective implementation of public policy in the rural area,	3	-	6	L, GD, SR	
13	6.2	2,3	Social mobilization and empowerment of rural mass for multi-disciplinary rural development, organizational development and performance improvement plan for rural development (SWOT,	2	-	6	L, SR	Q4

			PSET, and SMART)					
14	7.1	1,2,3	correlation between poverty alleviation and community common effort	2	-	5	L, SR	
15	8.1	1,2,3	Review	1	-	6	L, SR	
Total				30	-	70		

Abbreviations: L=Lectures, GD= Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments (02)– 20 % Quizzes (04) – 20 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments		■							■						
Quiz	■				■		■						■		
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Button, K. J. (1981). Urban Economics-Theory and Policy: OUP
2. Brueckner, J. (2011). Lectures on Urban Economics: The MIT Press.
3. O’Sullivan. (1990). Urban Economics: McGraw-Hill Irwin

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Course Plan

- Course Title:** Tourism Economics and Hotel Management
- Course Code:** ECON 31112 (30: 00: 70)
- Course Capsule:** Introduction to tourism studies, Hospitality industry, Tourism market, Place and role of tourism in the national economy, Economic functions of tourism, Social functions of tourism, Tourism product development and planning, Entrepreneurial tourism, Tourism policies.
- Course Aim:** The aim of this course is to provide a required knowledge and skills of using important concepts and principles of economics to analyze the operation of tourism and hospitality industry. It gives students a theoretical economic background for a better understanding of international tourism which they can use for analyzing and solving problems of in the real world.
- ILOs:** At the completion of this course, the student will be able to:
1. Explain, define and interpret the basic concepts in the field of tourism
 2. Compare, distinguish and describe the economic and social contributions of tourism industry
 3. Apply the methods of determining the contribution of tourism to the national economy

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to tourism studies: concepts and theories: basic components of tourism (5As)	2	-	3	L, SR	
2	1.2	1,2	Introduction to hospitality industry: hotel management	2	-	5	L, SR	Q1
3	2.1	1,2	Tourism market: demand and supply, definition, characteristics, trends, forecasting trends	2	-	5	L, SGD, SR	AS 1 start
4	3.1	1,2	Place and role of tourism in the national economy: tourism as an economic category, interdependence of tourism and economic development	2	-	5	L, SR	
5	3.2	3	The role and importance of tourism for the economic and social development (direct and indirect)	2	-	5	L, SGD, SR	AS 1 due
6	3.3	3	Economic functions of tourism: multiplicative, inductive, conversion, employment, encouraging international exchange, absorption, balance of payments,	2	-	5	L, SR	Q2
7	3.4	3	The economic development of underdeveloped areas, integration, acceleration	2	-	5	L, SGD, SR	
8	4.1	1,2	Social functions of tourism: cultural and educational function of tourism, health tourism function,	2	-	5	L, SR	
9	4.2	1,2	Sports and recreational function of tourism, political and social function of tourism	2	-	5	L, SR	
10	4.3	1,2	Sustainable tourism, digital and e-tourism	2	-	5	L, SGD, SR	AS 2 start
11	5.1	2	Tourism product development and planning	2	-	5	L, SR	
12	6.1	2,3	Entrepreneurial tourism: definition, typologies and categorizations & process	2	-	5	L, SR	AS 2 due
13	7.1	3	Tourism policies I	2	-	5	L, SGD, SR	
14	7.2	3	Tourism policies II	2	-	5	L, SGD, SR	Q3
15	8.0	1,2,3	Review	2	-	7	L, SR	
Total				30	-	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS = Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: 40%	40%
Assignments (02)– 20 %	
Quizzes (03) – 20 %	
End semester examination	60%
Total	100%

Course Coordinator: Prof. SWGK Bulankulama**Teaching Panel:** Prof. SWGK Bulankulama**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments			■							■					
Quiz		■				■								■	
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Dwyer, L., Forsyth, P. and Dwyer, W. (2010). Tourism Economics and Policy: Channel View Publications.
2. O'Fallon, M.J. and Rutherford, D.G. (2010). Hotel Management and Operations: John Wiley & Sons.
3. Tribe, J. (2012). The economics of recreation, leisure and tourism: Routledge

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Course Plan

Course Title	Advanced Macroeconomics
Course Code:	ECON 32013 (40: 10: 100)
Course Capsule:	Recent trends in macroeconomic theory and policy, Open economy macroeconomics, Aggregate demand in the open economy: The Mundell-Fleming model Aggregate supply: wages, prices, unemployment, Phillips curve Classical versus, Keynesian Macroeconomics, Modern developments in macroeconomics, Theory of consumption: Keynesian consumption function; intertemporal choice, life-cycle hypothesis and the permanent-income hypothesis, The theory of investment: business fixed investment, residential investment, inventory investment, Dynamic model of economic fluctuations, Alternative perspectives on stabilization policy, Government debt and budget deficits, The financial system.
Course Aim:	This course is designed to provide students with an advanced understanding of macroeconomic concepts and models used in economic and policy analysis. It will expand students' knowledge of the foundational models of macroeconomics with the objective of answering quantitative questions in the field.
ILOs:	At the completion of this course, the student will be able to: <ol style="list-style-type: none">1. Demonstrate the understanding of the advanced macroeconomic theories2. Assess how well theoretical models depict macroeconomic process3. Analyze macroeconomics policies from the viewpoint of scientific, societal, distributional and ethical consideration

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Recent trends in macroeconomic theory and policy	2	-	6	L, SR	
2	2.1	1	Open economy macroeconomics: exchange rate and trade balance	2	-	8	L, SR	Q1
3	3.1	1	Aggregate demand in the open economy: The Mundell-Fleming model	3	-	8	L, SGD, SR	
4	3.2	1	Aggregate supply: wages, prices, unemployment, Phillips curve	3	3	6	L, SGD, SR	AS 1 start
5	4.1	2	Classical versus Keynesian Macroeconomics: aggregate supply and aggregate demand	2	-	6	L, SR	
6	4.2	2	Long run economic growth: business cycles	3	-	8	L, SR	AS 1 due
7	5.1	2	Modern developments in macroeconomics	3	-	6	L, GD, SR	
8	6.1	2	Theory of consumption: Keynesian consumption function; intertemporal choice	3	2	6	L, SGD, SR	Q2
9	7.1	2	Life-cycle hypothesis and the permanent-income hypothesis	3	4	6	L, SGD SR	
10	8.1	2	The theory of investment: business fixed investment, residential investment, inventory investment	3	-	6	L, GD, SR	AS 2 start
11	9.1	3	Dynamic model of economic fluctuations: elements of the model, solving the model	3	-	8	L, SR, PSA	Q3
12	9.2	3	Alternative perspectives on stabilization policy	3	-	7	L, SGD, SR	AS 2 due
13	10.1	3	Government debt and budget deficits	3	1	6	L, SGD, SR	
14	11.1	3	The financial system: opportunities and dangers	2	-	7	L, SR	
15	12.0	1, 2 & 3	Review	2	-	6	L, SR	
Total				40	10	100		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 20 % Quizzes (03) – 20 %	40%
End semester examination	60%
Total	100%

Course Coordinator: HABW Hettiarachchi**Teaching Panel:** HABW Hettiarachchi**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical work				■				■	■				■		
Assignments				■						■					
Quiz		■						■			■				
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Blanchard, O. (2017). Macroeconomics (Global Edition): Pearson
2. Mankiw, N. G. (2016). Macroeconomics: Worth Publishers
3. Romer, D. (2001). Advanced Macroeconomics: The McGraw-Hill Companies, Inc

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Course Plan

Course Title: Research Methods in Economics

Course Code: ECON 32023 (35: 20: 95)

Course Capsule: Introduction to research, Quantitative and qualitative research, Survey and experimental research, Research proposal formulation, Research questions and objectives Research design and methods, Literature review, Reporting results, discussion and conclusions Reference styles, Writing an abstract, Data collection, Data compilation, Data analysis using software – STATA, and writing up dissertation and disseminating findings .

Course Aim: This course aims to enhance the students' ability to analyze economic problems by applying scientific methods in research. The course will provide knowledge on basic philosophical concepts and tools in conducting scientific research in the field of economics which enable students to broaden their understanding of appropriate research design, research statistics, statistical packages for data analysis, research report writing and presentations.

ILOs: At the completion of this course, the student will be able to:

1. Describe of basic principles of research design and strategy
2. Apply an appropriate range of tools and research methods in economics
3. Develop research proposals for academic or research grant

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to research	2	-	6	L, SR	
2	2.1	1	Quantitative and qualitative research	2	-	7	L, SR	
3	2.2	1	Survey and experimental research	2	-	6	L, SR	Q1
4	3.1	1	Research proposal formulation: components of a research proposal	2	4	6	L, SGD, SR	Project 1 start
5	3.2	1	Research questions and objectives	2	-	6	L, SR	
6	3.3	1	Research design and methods	3	2	8	L, SGD, SR	project 1 due
7	4.1	1	Literature review	2	-	6	L, SR	Q2
8	5.1	1	Reporting results, discussion and conclusions	2	2	6	L, SGD, SR	
9	5.2	1	Reference styles	2	2	6	L, SGD SR	
10	5.3	1,2	Writing an abstract	2	2	6	L, GD, SR	AS 1 start
11	6.1	1,2	Data collection: sampling techniques, survey and experimental studies, case studies, questionnaire development, focus group discussion, KIIs	3	4	7	L, SGD, SR	
12	6.2	1,2,3	Data compilation: editing, coding, classification and entering (excel)	3	-	7	L, SR	AS 1 due
13	6.3	2,3	Data analysis using software - STATA	3	4	8	L, CBT, SR	
14	7.1	2,3	Writing up dissertation and disseminating findings I	2	-	5	L, SR	Q3
15	7.2	2,3	Writing up dissertation and disseminating findings II	3	-	5	L, SR	
Total				35	20	95		

Abbreviations: L=Lectures, SGD=Small Group Discussion, CBT = Computer based training, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Project (01) - 15% Assignments – 10 % Quizzes (03) – 15 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage
Dr. SAU Niranjala
Prof. RPIR Prasanna
Prof. SWGK Bulankulama

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical work				■		■		■	■	■	■		■		
Project/Assignments				■						■					
Quiz			■				■							■	
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Babbie, E. (2006). The Basics of Social Research: Thomson Learning
2. Sekaran, U. and Bougie, R. (2011). Research Methods for Business: A Skill Building Approach: TJ International
3. Steven, G. (2006). Doing Economics: A Guide to Understanding and Carrying out Economic Research: Houghton Mifflin

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Course Plan

Course Title: Econometrics III

Course Code: ECON 32033 (30: 30: 90)

Course Capsule: Review of regression and inference; Binary independent variables: the nature of dummy variables; interaction effects using dummy variables; Binary dependent variable: linear probability model, probit model, logit model; Multinomial models and conditional models Count data regression model: poisson model, negative binomial model; Estimating above models using STATA; Generalized least squares method and weighted least square method; Causes of the biased OLS estimates; instrumental variable strategy; Instrumental variable (IV) estimation and two stage least squares; Estimating above models using STATA; Using IV to solve omitted-variables problems; Measurement error (time-permitting); Regression-discontinuity designs (time-permitting); Simultaneous equation models: the use of structural models, simultaneous equations bias, the identification problem, the structure and the reduced form, indirect least squares, IV for the SEM, two-stage least squares, sampling variance of 2SLS estimates Computer Exercises: At least one third of the lecture will be conducted in the computer lab. STATA and EVIEW computer packages will be used.

Course Aim: This course aims at providing students an advanced knowledge in econometrics which enable them to apply econometrics to investigate empirical problems in economics and policy research. Topics cover widely used applied econometrics models in economic research.

ILOs: At the completion of this course, the student will be able to:

1. Independently apply advanced econometrics knowledge to investigate empirical problems in economics and policy research
2. Apply STATA and related commands to estimate econometric models using data
3. Decide appropriate econometric methods for estimations for a given data set independently

Course plan

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	The ory hrs	Pract ical hrs	IL hrs	Teaching /Learning Methods	Assessment Method
1	1	1	Review of regression and inference	2	2	6	L, D	
2.	2	1	Identify and apply Binary independent variables: the nature of dummy variables; interaction effects using dummy variables	2	2	6	L, D, SR	
3 & 4	3	1	Identify and apply Binary dependent variable: linear probability model, probit model, logit model	4	4	12	L, D	
5.	4	1 & 2	Identify and learn the Multinomial models and conditional models	2	2	6	L, D, SR	AS 1 start
6	5	2	Learn and apply Count data regression model: poisson model, negative binomial model	2	2	6	L, D	
7.	6	2	Estimating above models using STATA Generalized least squares method and weighted least square method	2	2	6	L, D, SR	AS 1 due
8.	7	1	Explain the Causes of the biased OLS estimates; instrumental variable strategy	2	2	6	L, D	
9.	8	1	Discuss the Instrumental variable (IV) estimation and two stage least squares	2	2	6	L, D, SR	
10.	9	2	Estimating above models using STATA Using IV to solve omitted-variables problems	2	2	6	L, D	
11	10	1	Identify Measurement error (time-permitting)	2	2	6	L, D, SR	AS 2 Start
12	11	1	Study Regression-discontinuity designs (time-permitting)	2	2	6	L, D	
13 & 14	12	3	Learn and apply Simultaneous equation models: the use of structural models, simultaneous equations bias, the identification problem, the structure and the reduced form, indirect least squares, IV for the SEM, two-stage least squares, sampling variance of 2SLS estimates	4	4	12	L, D, SR	AS2 Due
15	13	2 & 3	<i>Computer Exercises: At least one third of the lecture will be conducted in the computer lab. STATA and EVIEW computer packages will be used.</i>	2	2	6	L, D, SR	
Total				30	30	90		

Abbreviations: L=Lectures, D=Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Greene, W. (2018). *Econometric Analysis*: Prentice Hall.
2. Davidson, R. and MacKinnon, J.G. (2003). *Econometric Theory and Methods*: Oxford University Press
3. Cameron, C.A. and Trivedi, P.K. (2009). *Micro-econometrics Using Stat*: Stata Press

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Course Plan

- Course Title:** Money, Banking and Financial Markets
- Course Code:** ECON 32042 (30: 00: 70)
- Course Capsule:** Exploring the key concepts, application of theories and identify the importance of stability of Money, Banking and Financial Markets.
- Course Aim:** To cover the nature and evaluation of money and its role in determining the overall level of economic activity. It also examines the role of banking, central banking and monetary policy as they apply to financial instruments and institutions in the context of global financial markets.
- ILOs:** At the completion of this course, the student will be able to:
1. Demonstrate their understanding about the operating in financial markets and Institutions.
 2. Propose solutions to the real-world issues and problems in the financial markets
 3. Familiarize student with the role of the central bank in terms of the formulation and implementation of monetary policy

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	01.1	1	The evolution of money: the history of money, functions and characteristics of money, different types of money	2		-	L, GD,SR	
2	01.2	1	The demand and supply of money: Keynesian, Baumol's, Tobin's and Friedman's view on money	2		5	L,SR	AS1 start
3	01.3	1	Definition of supply of money: monetary base, relationship between money multiplier, money supply and high powered money	3		5	L, D,SR	Quiz
4	02.1	1	The evolution of monetary institutions: historical development of monetary Institutions	2		5	L, VP,SR	AS1 due
5	02.2	1	Origin of commercial banking	2		5	L, GW, SR	
6	02.3	1	Operations of commercial banking and money creation	2		5	L,SR	
7	02.4	1	Non-banking financial institutions and their role	1		5	L, D,SR	
8	03.1	3	Central banking and monetary policy: principles and functions of Central Bank in general.	3		5	L,SGD,FV, SR	Essay
9	03.2	3	Special focus on objectives and functions of Central Bank of Sri Lanka	1		5	L,SR	
10	03.3	3	Monetary policy in Sri Lanka, The effects of money on output and prices	2		5	L, GD,SR	AS2 Start
11	03.4	3	The monetary transmission mechanism	1		5	L,SR	
12	04.1	2	Financial sector reforms in Sri Lanka: management of money and financial institutions	3		5	L,SR	AS2 due
13	04.2	2	Failure of some monetary instructions in Sri Lanka,	3		5	L, D,SR	
14	04.3	2	Regulatory measures and credit rating.	2		5	L,SR	
15			Review	1		5		
Total				30		70		

Abbreviations: L=Lectures, D= Discussion, FV=Field visit, SGD=Small Group Discussion, VP=Video Presentation, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 20%, Quiz – 10% Essay – 10%	40%
End semester examination	60%
Total	100%

Course Coordinator: Mrs. AMP Adikari**Teaching Panel:** Mrs. AMP Adikari**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments		■								■					
Quizzes and Essay			■					■							
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Ball, L.M. (2012). Money, Banking and Financial Markets: Worth
2. Mishkin, F. (2013). The Economics of Money Banking & Financial Markets: Pearson
3. Pilbeam, K. (2010). Finance & Financial Markets: Palgrave Macmillan

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Course Plan

Course Title: Contemporary Issues in Economics

Course Code: ECON 32051 (15: 00: 35)

Course Capsule: Globalization and economic prosperity; Poverty, subsidies and empowerment; Poverty and inequality; Poverty, violence and crimes; Sustainability, pollution and the environment; Gender, alcohol and drugs; Taxation and fairness; Health care and the aging population; Education, discrimination, and the minimum wage; Monopoly power; Trade unions and politics; Economic incentives; Corruptions; Causes and implications of economic crises; Any other current issues

Course Aim: The aim of this course is to provide the knowledge on the social challenge of development by examining the complex relations between liberalization, growth, poverty and inequalities. It will also consider the role of government in the economy in the light of relevant microeconomic and macroeconomic theories. Particular attention is paid to the pressures on policy making that arise from external constraints and institution.

ILOs: At the end of this course, the students will be able to:

1. Analyses the social challenges of development
2. Apply economic theories to the analysis of contemporary economic problems in Sri Lanka
3. Argue the case for taking differing approaches to a range of important microeconomic and macroeconomic policy challenges

Course plan

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	The ory hrs	Prac tical hrs	IL hrs	Teaching /Learning Methods	Assessment Method
1	1	1	Discuss the globalization and economic prosperity	1		2	L, D, SR	
2	2	1 & 2	Explain the nature of poverty, subsidies and empowerment	1		2	L, SGD	
3	3	1 & 2	Discuss the concepts of poverty and inequality	1		2	L, D,SR	
4	4	1 & 2	Discuss the relations among poverty, violence and crimes	1		2	L, D, SR	AS 1- start
5	5	1 & 2	Discuss the topics - sustainability, pollution and the environment	1		2	L, SGD	
6	6	1 & 2	Discuss the topics - gender, alcohol and drugs	1		2	L, SGD	AS 1: due
7	7	2	Discuss the topics - taxation and fairness	1		2	L, D	
8	8	2	Discuss the topics - Health care and the aging population	1		2	L, D, SR	
9	9	2	Discuss the topics - education, discrimination, and the minimum wage	1		2	L, SGD	
10	10	3	Describe concept and explain the effects of monopoly power	1		2	L,SG D	AS 2: Start
11	11	3	Discuss the topics - trade unions and politics	1		3	L, SGD	
12	12	3	Discuss the subject of Economic incentives	1		3	L, SGD,SR	
13	13	3	Explain the economic and social consequences of corruptions	1		3	L, SGD	
14	14	3	Explain causes and implications of economic crises	1		3	L, D,SR	AS 2: Due
15	15	3	Discuss any other current issues	1		3	L, SGD	
Total				15		35		

Abbreviations: L=Lectures, D= Discussion, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Mr. HKGN Bandara

Teaching Panel: Mr. HKGN Bandara

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Miller, R. L. and Benjamin, D.K . (2012). The Economics of Public Issues: Pearson Education
2. Assigned newspaper articles, research papers, magazine and other materials will be recommended and used.

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Human Resource Management
- Course Code:** ECON 32062 (25: 10: 65)
- Course Capsule:** Introduction to human resource management, Main roles of HR manager: responsibilities, Main skills or abilities, The changing role of HRM and growing professionalism within the HR Function, HRM challenges in the twenty-first century, Legal issues in HRM, Different organization structures of HR department, Job designing and job analyzing, Human resources planning: Employee recruitment, Selection of employee and procurement/hiring and induction of employee, Evaluation of employee:
- Course Aim:** To make students aware of the basic concepts of human resource management, so that students will be able to apply this knowledge and skills to identify the importance of human resource in an organization and manage them to enhance the productivity of the institutions.
- ILOs:** At the completion of the course, students will be able to:
1. Demonstrate an understanding of the concepts of human resource management.
 2. Explain the main roles of human resource manager
 3. Describe the activities in human resource management process
 4. Apply knowledge on the real world

Course plan

	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessments
1	1.1	1	Introduction to Human Resource Management (HRM)	2		4	L,D,SR	
2	1.2	1	Importance, Basic Objectives and Strategic objectives of Human Resource Management, Responsibilities, of a HR Manager, Main Skills or abilities	1		4	L,D,SR	AS1 start
3	2	2	Main Roles of a HR Manager: Different organization structures for human resource department	2		4	L,SGD,SR	Q 1
4	3.1	3	Job Designing: Introduction, definitions, basic features and basic features of job, basic elements of job	2	2	4	L,D,SR	AS 1 due
5	3.2	3	Job designing and process, Importance of job designing, Advantages and disadvantages of job designing and job designing techniques.	2		4	L,D,SR	
6	4.1	3	Job analyzing: Introduction, definition, advantages of job analyzing, importance of job analyzing and important document.	2	2	4	L,SGD,SR	
7	4.2	3	Problems arising from job analyzing and steps of job analyzing	1		4	L,D,SR	
8			Mid-term test					
9	5.1	3	Man-power Planning: Introduction, importance, definitions and Process of man power planning, Principles, advantages, disadvantages of man power planning.	2	2	4	L,SGD,SR	AS 2 start
10	5.2	3	Forecasting techniques and evaluation of man power planning process.	2		4	L,D,SR	
11	6.1	3	Employee Recruitment: Determination, importance of recruitment, process and different activities of recruitment,	2		4	L,D,SR	AS 2 due
12	6.2	3	Internal and external recruitment methods and advantages and disadvantages of above methods	2	2	4	L,SGD,SR	Q 2
13.	7	3	Selection of employee: Introduction, process, different methods of selection, advantages and disadvantages of selection	2	2	8	L,D,SR	
14.	8	3	Procurement/Hiring and Induction: Definition, importance, Process and objectives of procurement and induction.	2		6	L,SGD,SR	
15	9	3	Evaluation of employee: Determinant, process, different methods and advantages of evaluation.	1		7	L,D,SR	
Total				25	10	65		

Abbreviations: L=Lectures, D= Discussion, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, Q= Quiz

Assessment Strategy:

Continuous assessment Assignments = 20% Mid-semester exam = 10% Quiz = 10%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Mrs. KS Denipitiya

Teaching panel: Mrs. KS Denipitiya

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical				■		■			■			■	■		
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments		■							■						
Quizzes			■									■			
Mid –term test								■							
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Armstrong, M .(1992). Human Resource Management strategy and Action: Koga page Ltd.
2. Bernardin, H. J. and Russell .J.E.A. (1993). Human Resource Management. Mc Graw Hill
3. Dessler, G., Chhinzer, N. and Gannon, G. (2019). Management of Human Resources: The Essentials: Pearson Education.
4. Armstrong, M .(1992). Human Resource Management strategy and Action: Koga page Ltd.

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Political Economy
- Course Code:** ECON 32072 (25: 10: 65)
- Course Capsule:** Political economy and mainstream Economics: how do they differ; Brief description of heterodox economics tradition: Karl Marx, J. M Keynes, Ernest Mandel, Ben Fine, Anwar Shaikh; Periodization and main phases of capitalist development; Great depression 1929- 33 and late capitalism; The developmental state and east Asian capitalist development; Neo-liberal globalization; Ecological and epidemiological crises
- Course Aim:** The aim of this course is to make students aware of the principal trends in heterodox economics and how heterodox economics differ from orthodox economics. Since this is an introductory course, no prior knowledge of heterodox economics is needed. Anyone who is interested in trans disciplinary approach to economic phenomena is welcome to take this course.
- ILOs:** At the completion of the course, students will be able to:
1. Describe the difference between orthodox and heterodox economics
 2. Examine economic phenomena situating them in socio-political, and cultural milieu
 3. Read globalization, economic crises etc from a different perspective

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
1 & 2	1	1	Distinguish between Political economy and mainstream Economics: how do they differ	3		8	L, D, SR	
3 & 4	2	1	Demonstrate heterodox economics tradition: Karl Marx, J. M Keynes, Ernest Mandel, Ben Fine, Anwar Shaikh;	4	2	10	L, D, SR	AS 1 - start
5 & 6	3	2	Classify and discuss the main phases of capitalist development	3	2	8	L, SGD, SR	
7 & 8	4	2	Explain and discuss the Great depression 1929- 33 and late capitalism	4	2	8	L, D, SR	
9 & 10	5	2	Discuss the developmental state and East Asian capitalist development	3	2	8	L, SGD, SR	AS 2 - start
11 & 12	6	3	Explain Neo-liberal globalization	4	2	7	L, D, SR	
13 & 14	7	3	Describe Ecological and epidemiological crises	2		7	L, SGD, SR	AS 1 & 2 due
15	8	1, 2, & 3	Review	2		4		
Total				25	10	60		

Abbreviations: L=Lectures, D= Discussion, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment 02 Assignments - 40%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Shaikh, A. (2016). Capitalism: Competition, Conflict and Crises: Oxford University
2. Mandel, E. (1975). Late Capitalism. London: Verso
3. Bernstein, H. (2010). Class Dynamics of Agrarian Change: Kumarian Press

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Transport Economics and Policy
- Course Code:** ECON 32082 (30: 00: 70)
- Course Capsule:** Transport industry and its markets, Transport demand and supply, Pricing in transport markets, Transport costs, Transport policy and regulation and deregulation, Transport investment appraisal.
- Course Aim:** The aim of this course is to provide the student with an understanding of the transportation industries and the major policy issues confronting the government and the public. It will apply microeconomic analysis to the transportation industry.
- ILOs:** At the completion of the course, students will be able to:
1. Demonstrate understanding of key economic theories in analyzing transport modes
 2. Explain the links between transport and the wider economic activities
 3. Carry out an economic appraisal of transport sector policies and investments

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Transport industry and its markets: land transport, air transport, maritime transport, and their industries, freight and passenger transportation	2			L, GD	
2	1	1	national and international statistics on transport sector and transport sector performance analysis	2			L	
3	2	2	Transport demand and supply: transport as a derived demand	2		6	L, GD	
4	2	1	Determinants of transport demand and supply, transport demand patterns, the elasticity of transport demand and supply and their measurement,	2		2	L	
5	2	2	peak demand problem, forecasting transport demand, revenues	2		10	L, GD	Q1
6	3	1	Pricing in transport markets: price setting and pricing policies, price discrimination	2		4	L	
7	3	1	Bus pricing, airline pricing, railway pricing, yield management, freight rate mechanism in shipping	2		2	L	
8	3	2,3	Price regulations	2		4	L	AS1 Start
9	3	2,4	Market segmentation in transport service provision	2		5	L, GD	
10	4	2	Transport costs: cost of road transport, cost of rail transport, cost of air transport, cost of shipping, cost of port operations	2		5	L	
11	4	2,3	Transport policy and regulation and deregulation: integrated transport policy, and its governance	2		10	L, GD	Q2
12	4	2	The 4Is, effect of regulation and deregulation, externalities in transport	2		2	L	
13	4	2	Traffic congestion and road pricing, liberalization of the airline sector	2		12	L, GD	AS1 due
14	5	1	Informal transport sectors in developing countries	2		2	L	
15	6	2	Transport investment appraisal	2		6	L, GD	Q3
Total				30	00	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 25% Quiz – 15%	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala**Teaching Panel:** Dr. SAU Niranjala**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning			■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments								■							
Quiz					■						■				■
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Cole, S. (2006). Applied Transport Economics: Policy, Management, and Decision Making: Kogan Page
2. Button, K.J. (2010). Transport Economics: Edward Edgar
3. Litman, T. (2019). Understanding Transport Demands and Elasticities: How Prices and Other Factors Affect Travel Behavior: Victoria Transport Policy Institute.

Department of Economics
Faculty of Social Sciences and Humanities
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Course Plan

Course Title: Agricultural Economics

Course Code: ECON 32092 (25: 10: 65)

Course Capsule: Introduction to agricultural economics; agricultural production functions and estimation; identifying production efficiency and inefficiency; technological changes in agriculture; cost, revenue and profits; optimal input and output choices; agricultural finance; agriculture and risk management; Legal and institutional aspects of farm, agribusiness and agricultural industry; Legal and institutional aspects of agricultural inputs and outputs, Agricultural policies and government intervention: agricultural policies in Sri Lanka; Sustainable agricultural development: concepts, method and application; Introduction to agricultural marketing: issues and challenges - experience from Sri Lanka; Food security and food crisis

Course Aim: The aim of this course is to introduce students the use of economic tools and concepts in the analysis and evaluation of issues related to agricultural production, consumption and policies. It provides a rigorous intermediate-level knowledge of theories related to agricultural economics.

ILOs: At the end of this course, students will be able to:

1. Explain how to use economic concepts to analyze the agricultural issues
2. Analyze the agricultural policies and their impacts on sustainable agricultural development
3. Apply economic principles, with emphasis on their application to the solution of farm, agribusiness and agricultural industry problems.

Course plan

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
1	1	1	Introduction to agricultural economics	1		5	L, D, SR	
2	2	1	Identify the agricultural production functions and estimation	2	2	5	L, D, SR	
3	3	1	Identifying production efficiency and inefficiency	2	2	5	L, SGD, SR	
4	4	1	Explain the technological changes in agriculture	1		5	L, D, SR	AS 1: start
5	5	1	Identify and interpret cost, revenue and profits; optimal input and output choices	2	2	5	L, D, SR	
6	6	1	Discuss the topics - agricultural finance; agriculture and risk management	2		5	L, D, SR	AS 1: due
7	7	1	Discuss legal and institutional aspects of farm, agribusiness and agricultural industry	2		5	L, SGD, SR	
8	8	2	Explain the legal and institutional aspects of agricultural inputs and outputs (land use regulations, marketing, commercial transactions, credit, insurance, estate planning, water law and other agricultural regulations)	2		5	L, D, SR	
9 & 10	9	2	Discuss the agricultural policies and government intervention: agricultural policies in Sri Lanka	3	2	5	L, D, SR	
11	10	2	Describe the sustainable agricultural development: concepts, method and application	2		5	L, SGD, SR	AS 2: Start
12 & 13	11	3	Introduction to agricultural marketing: issues and challenges - experience from Sri Lanka	3		5	L, D, SR	
14	12	3	Explain food security and food crisis	2	2	5	L, SGD, SR	AS 2: due
15	13	1, 2 &3	Review	1		5	L, D, SR	
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments = 20% Presentation = 20%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Cramer, G. L., Jensen, C.W. and Southgate, D.D. (2001). Agricultural Economics and Agribusiness: John Wiley and Sons Inc.
2. Penson, J. B., Rosson, C.P. and Woodward, R.T. (2002). Introduction to Agricultural Economics: Prentice Hall.
3. Drummond, H.E. and Goodwin, J.W. (2010). Agricultural Economics: Prentice-Hall, Inc.

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Demographic Economics
- Course Code:** ECON 32102 (30: 00: 70)
- Course Capsule:** Exploring the key concepts of population, relationship and social and economic impact of population growth on developing and developed countries.
- Course Aim:** The aim of this course is to provide an introduction to some of the main substantive issues that play a central role in the field of population and demography from the perspective of economics. It also will make students aware of theories of demographic economics and illustrate how economic/econometric models can be used to analyze a range of phenomena related to demographic variables.
- ILOs:** At the completion of the course, students will be able to:
1. Examine the determinants of population change and demographic behavioral factors
 2. Apply analytical tools to investigate various economic and social aspects of population growth
 3. Explain the link between theoretical and empirical evidence related to population and economic growth

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01.1	1	Introduction to demographic economics	01		5	L,SR	
2	01.2	1	History of population and global population trends	02		5	L, D,SR	
3	01.3	2	Theories of the demographic transition: Malthus and the population debate	02		5	SGD,SR	Essay
4	02.1	1	Population aging	01		5	L, SR	
5	02.2	1	Consequences of population decline	01		5	L,SGD,SR	Q 1
6	03	2	Population and the environment	01		5	L, SR	
7	04	3	Economic theories of the family: marriage and divorce, households and gender	03		5	L, GD,SR	AS 1 Start
8	05	3	Economic theories of fertility	03		5	L, D, SR	
9	06.1	3	Health: morbidity and mortality	02		5	L, GD,SR	AS 1 Due
10	06.2	3	Economic determinants of health outcomes	03		5	L,D, SR	GP
11	07	3	Human capital: schooling and migration	03		5	L,SGD, SR	
12	08	2	The value of a life: non-labour discrimination, gender, race, minorities	03		5	L,D,SR	
13	09	2	Sri Lankan population dynamics and population issue	02		5	L,SGD, SR	AS 2 start
14	10	3	Population and growth: empirical evidence from developing and developed countries	02		5	L,SR	
15	11		Review	01		-		AS 2 due
Total				30		70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, D= Discussion, SR=Self Reading, AS= Assignment, Q = Quiz, GP=Group Presentations

Assessment Strategy:

Continuous assessment:	40%
Assignments -10%,	
Group Presentations -10%	
Quiz - 10%	
Essay -10%	
End semester examination	60%
Total	100%

References:

1. Simon, mJ.mL.(1997). The Economics of Population: Key Classic Writings: Routledge
2. Weeks, J. R. (2012). Population :An introduction to concepts and issues: Linda Schreiber-Ganster
3. Piggott, J. and Woodland, A.(2016). Handbook of the Economics of Population Aging, Volume 1A-1B: North Holland

Course Coordinator: Ms. JMG Lalani

Teaching panel: Ms. JMG Lalani

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Assignments							■						■		
Quizzes and Essays			■		■										
Group Presentations										■					
End semester examination	(after two weeks of study leave, End semester examination will be held)														

Department of Economics
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Course Plan

- Course Title:** Financial Risk Management
- Course Code:** ECON 41012 (30: 00: 70)
- Course Capsule:** Introduction to financial risk management: risk reporting, model risk; Risk management tools: equity swaps, hedging with index futures; Liquidity and operational risk management: liquidity, liquidity risk, operational risk management; Asset and liability management: interest rate risk, duration gap risk, balance sheet immunization, credit risk; Bank Regulations and risk control; Market risk measurement and modeling: value-at-risk and volatility modeling; Operational risk management for banking sector; Derivative securities & payoff diagrams; No arbitrage pricing; Pricing options - binomial option pricing model; Pricing futures and forward contracts.
- Course Aim:** This course is an introduction to both the techniques and the issues of financial risk management. It provides a comprehensive introduction to the real world application of financial risk management modeling theory with an emphasis on the industry best practice methodologies.
- ILOs:** At the completion of the course, students will be able to:
1. Differentiate and describe major risks and associated risk factors in the financial market
 2. Explain and debate on various issues in the financial risk management
 3. Compare and contrast economic capital, risk capital and regulatory capital

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to financial risk management: risk reporting, model risk	2		4	L,D, SR	
2	2	1	Risk management tools: equity swaps, hedging with index futures	2		4	L,D, SR	
3	3	1	Liquidity and operational risk management: liquidity, liquidity risk, operational risk management	2		4	L,D, SR	AS 1 Start
4-5	4	1	Asset and liability management: interest rate risk, duration gap risk, balance sheet immunization, credit risk	4		10	L,D,SR	AS 1 Due
6	5	2	Bank Regulations and risk control	2		4	L,D,SR	
7 – 8	6	2	Market risk measurement and modeling: value-at-risk and volatility modeling	4		10	L,D, SR	
9-10	7	2	Operational risk management for banking sector	4		10	L,D, SR	
11-12	8	2	Derivative securities & payoff diagrams	4		10	L,D, SR	
13	9	3	No arbitrage pricing	2		4	L,D, SR	AS 2 Start
14	10	3	Pricing options - binomial option pricing model	2		5	L,D, SR	
15	11	3	Pricing futures and forward contracts	2		5	L,D, SR	AS 2 Due
Total				30		70		

Abbreviations: L=Lectures, D= Discussion, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment: Assignments (02) – 40%	40%
End semester examination	60%
Total	100%

Course Coordinator: Mrs. AMP Adikari

Teaching panel: Mrs. AMP Adikari

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments			■										■		
End semester examination	(after two weeks of study leave, End semester examination will be held)														

Recommended Readings

1. Robert A.J. (2016). Economic Foundations of Risk Management: The Theory, Practice, and Applications: World Scientific
2. Christian G. (2001), The Economics of Risk and Time: MIT Press
3. McDonald, R.L. (2006). Derivatives Markets: Pearson Addison Wesley

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Rajarata University of Sri Lanka
Course Plan

- Course Title:** Time Series and Panel Data Econometrics
- Course Code:** ECON 41022 (15: 30: 55)
- Course Capsule:** Introduction to time series econometrics, Difference equations and solutions, Stationary time series models, Autocorrelation functions: partial autocorrelation functions and sample autocorrelations, Non stationarity time series models, Introduction to vector autoregressive (VAR) analysis, Cointegration and Error Correction Model, Granger causality test: pairwise, VAR and VECM approaches Introduction to panel data model, Panel data analysis (Extensions), Panel data applications Dynamic panel data analysis Statistical software of E-views, STATA and SPSS will be used in all stages.
- Course Aim:** The aim of this course is to introduce the most important econometric methods used for the analysis of time series and panel data in both research and applied work. It will provide students with the tools to apply some of the most sophisticated and up to date techniques used in empirical time series and panel data analysis.
- ILOs:** At the completion of the course, students will be able to:
1. Perform different econometric model to analyze time series and panel data using statistical software of E-views, STATA and SPSS
 2. Apply the appropriate procedures for various problems in economics and finance to analyze those issues using appropriate regression models
 3. Interpret the empirical results of research work

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to time series econometrics	2	-	2	L, SR	
2	2.1	1	Difference equations and solutions: iteration and lag operator method	1	2	2	L, CBT, SR	Q1
3	3.1	1,2	Stationary time series models: AR, MA, ARMA models and their properties I	-	4	6	CBT, SR	
4	3.2	1,2	Stationary time series models: AR, MA, ARMA models and their properties II	1	2	4	L, CBT, SR	project 1 start
5	4.1	1	Autocorrelation functions: partial autocorrelation functions and sample autocorrelations	1	2	4	L, CBT, SR	
6	5.1	1	Non stationarity time series models: model with trend, de-trending, random walks, unit root process, unit root tests	1	4	4	L, CBT, SR	Q2
7	6.1	1	Introduction to vector autoregressive (VAR) analysis: recursive and structural approaches	1	2	2	L, CBT, SR	
8	7.1	1,2	Cointegration and Error Correction Model: Engel Granger Method, Johansen Method and ARDL bound testing method	1	2	4	L, CBT, SR	project 1 due
9	8.1	1	Granger causality test: pairwise, VAR and VECM approaches I	1	2	4	L, CBT, SR	
10	8.2	1,2	Granger causality test: pairwise, VAR and VECM approaches II	1	2	4	L, CBT, SR	
11	9.1	1,2,3	Introduction to panel data model: panel data analysis, pooled model	1	2	4	L, CBT, SR	
12	9.2	1,2,3	Fixed effects (FE) model, random effects (RE) model, first-difference model	1	2	4	L, CBT, SR	
13	10.1	2,3	Hausman test Panel data analysis (Extensions): maximum likelihood (ML) methods, generalized method of moment (GMM)	1	2	4	L, CBT, SR	Q3
14	10.2	2,3	Instrumental (IV) variable estimation Panel data applications Dynamic panel data analysis	1	2	4	L, CBT, SR	Q4
15	11.1	1,2,3	Review	1	-	3	L, SR	
Total				15	30	55		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, class, CBT = Computer-Based Training, Q = Quiz

Assessment Strategy:

Continuous assessment: Project – 20 % Quizzes (03) – 20 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■		■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical work		■	■	■	■	■	■	■	■	■	■	■	■	■	
Assignments/Project				■											
Quiz		■				■							■	■	
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Arellano, M. (2003). Panel Data Econometrics: Oxford University Press.
2. Hamilton, J. D. (1994). Time series Analysis: Princeton University Press
3. Hsiao, C. (2014). Analysis of Panel Data: Cambridge University Press

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Course Plan

Course Title: Development Planning and Implementation

Course Code: ECON 41032 (30: 00: 70)

Course Capsule: Introduction to the development planning and implementation, Overview of conventional theories of development, planning, and implementation, One modernity or multiple modernities, Assessment of development and planning efforts, Bottom-up versus top-down development, Comprehensive versus incremental planning, Under what conditions do public sector institutions perform well, Performance of public sector institutions, Politics of planning and implementation, Rigidity versus flexibility Modes of evaluation, The social construction of learning institutions, Bringing the digital solutions, and project management accessories to achieve the optimum development planning solutions.

Course Aim: This course provides the knowledge and skills to apply the theories, concepts, tools and techniques to solve issues related to the development planning and implementation. It will also develop the required skills of analyzing the effectiveness of development and planning theories from the perspective of practitioners who implement projects and policies based on such theories.

ILOs: At the completion of the course, students will be able to:

1. Critically evaluate the application of convectional development planning theories and concepts
2. Select appropriate development planning models to overcome the issues related to the development projects
3. Apply different tools and techniques to analyze the data that aid to solve the development issues

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to the development planning and implementation	2	-	3	L, SR	
2	2	1	Overview of conventional theories of development, planning, and implementation	2	-	5	L, SR	Q1
3	3	1,2	One modernity or multiple modernities	2	-	5	L, GD, SR	AS 1 start
4	4	1,2	Assessment of development and planning efforts	2	-	5	L, SR	
5	5	1,2	Bottom-up versus top-down development	2	-	5	L, SR	AS 1 due
6	6	2	Comprehensive versus incremental planning	2	-	5	L, SR	
7	7	2,3	Under what conditions do public sector institutions perform well	2	-	5	L, GD, SR	Q2
8	8	1,2	Performance of public sector institutions	2	-	5	L, SR	AS 2 start
9	9	3	Politics of planning and implementation	2	-	5	L, SR	
10	10	1,2,3	Rigidity versus flexibility Modes of evaluation	2	-	5	L, GD, SR	AS 2 due
11	11	1,2	Modes of evaluation	2	-	5	L, SR, PSA	
12	12.1	1,2	The social construction of learning institutions	2	-	5	L, GD, SR	
13	12.2	2,3	Bringing the digital solutions such as geospatial tools and techniques, database managements	2	-	5	L, PSA, SR	Q3
14	12.3	3	Project management accessories to achieve the optimum development planning solutions	2	-	5	L, SR	
15	13	1,2,3	Review	2	-	2	L, SR	
Total				30	-	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, PSA=problem solving activities in class, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments (02) – 20% Quizzes (03) – 20 %	40%
End semester examination (Theory)– 60%	60%
Total	100%

Course Coordinator: Dr. SKN Gamage

Teaching Panel: Dr. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments			■					■							
Quiz		■					■						■		
End semester examination	(after two weeks of study leave, End semester examination will be held)														

References:

1. Carew-Reid, J., Prescott-Allen, R., Bass, S. and Dalal-Clayton, B. (2013). Strategies for National Sustainable Development: A Handbook for Their Planning and Implementation: Routledge
2. Krumholz, N. (2011). Making Equity Planning Work: Leadership in the Public Sector: Temple University Press
3. Mark, E. A. (2006). A Planning and Implementation Guide for Business and Technology: John Wiley and Sons

Department of Economics
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Course Plan

Course Title: Research Project – Part I

Course Code: ECON 41043 (15: 00: 285)

Course Capsule: The Research Project is the final stage of the BA. (Hons) Degree in Economics and provides students with the opportunity to show that they have gained the necessary skills and knowledge to organize and conduct research in the field of economics. The Research Project - Part 1 should demonstrate that students are capable of identifying a research area, setting research objectives, locating, organizing, and critically analyzing the relevant literature, identifying an appropriate research methodology. This module includes 15 hours lectures and 15 hours face to face contact (supervisors). Main topic covers during the lecture are as: Introduction to the Research Process and determining a plausible study. General approaches to research designs; Identifying appropriate research problems: writing the problem statement and hypotheses, stating the purpose of a study; Reviewing the literature and library tour: working with databases; The Introduction section of a proposal – components, format; The literature section of a proposal – components, format; The methodology section of a proposal – components, format; Technical, ethical issues and guidelines for research; Qualitative and quantitative research; Finalizing the proposal guidelines and example for presenting the proposal

Course Aim: The aim of this module is to develop a comprehensive research proposal under the supervision of an academic member of the Department of Economics, Faculty of Social Sciences and Humanities, Rajarata University of Sri Lanka. This is a part of the independent research (dissertation) which needs to be completed by the students in the next semester.

ILOs: At the completion of the course, students will be able to:

1. Create the key components of a research proposal
2. Demonstrate the ability to conduct literature reviews and gather the critical scientific information related to the research proposal
3. Demonstrate writing skills by writing, a clear, concise research proposal with scientifically defensible aims, methods and conclusions

Course plan

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
1	1	1	Introduction to the Research Process and determining a plausible study	1		20	L,S	
2	2	1	General approaches to research designs	1		20	L,S	
3	3	1	Identifying appropriate research problems: writing the problem statement and hypotheses, stating the purpose of a study	2		20	L,S	
4	4	2	Reviewing the literature and library tour: working with databases	2		65	L,S	
5	5	3	The Introduction section of a proposal – components, format	2		20	L,S	
6	6	2	The literature section of a proposal – components, format	2		20	L,S	
7	7	3	The methodology section of a proposal – components, format	2		20	L,S	
8	8	3	Technical, ethical issues and guidelines for research	1		20	L,S	
9	9	3	Qualitative and quantitative research	1		20	L,S	
10	10	3	Finalizing the proposal guidelines and example for presenting the proposal	1		20	L,S	Proposal writing
11-15		3	Writing the research proposal			40	S	
			Total	15		285		

Abbreviations: L=Lectures, S=Supervision

Assessment Strategy:

Presentation (<i>See Annexure II</i>)	30%
Progress Monitoring & Research Proposal (<i>See Annexure III</i>)	70%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching panel: Prof. RPIR Prasanna
 Prof. SWGK Bulankulama
 Dr. SKN Gamage
 Dr. SAU Niranjala
 Mrs. AMP Adikari
 Mr. HGKN Bandara
 Mr. HABW Hettiarachchi
 Ms. JMG Lalani
 Mrs. KS Denipitiya

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Supervision															
Independent Learning															
Final Exam (Proposal submission)	After one month of Semester Examination														

Recommended Readings

1. Naoum, S. G. (2012). Dissertation research and writing for construction students. Routledge
2. Denicolo, P., & Becker, L. (2012). Developing research proposals. Sage.
3. Leedy, P. D. and Ormrod, P. D. (2016). Practical Research: Planning and Design. Boston: Pearson Publications

Department of Economics
Faculty of Social Sciences and Humanities
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Course Plan

- Course Title:** Participatory Planning and Development
- Course Code:** ECON 41052 (25: 10: 65)
- Course Capsule:** The concept of participation in development, Robert Chambers and the notion of participation. Chamber's concept of 'Responsible Wellbeing', Amartya Sen and capability approach to development, Negotiation theory, Multiparty negotiation Implementing collaborative planning, stakeholder analysis, Theory of social capital, social capital in development practice, The concept of 'Do No Harm' Participatory research methods, Participatory development planning, Participatory planning in practice, collaborative planning in the 21st Century.
- Course Aim:** This course provides students the opportunity to learn the participation and participatory methods applied in development planning and practice. The course emphasizes the need and the utility of effective participation of a wider spectrum of stakeholders in conceptualizing development and in the implementation for various development projects at a variety of settings.
- ILOs:** At the completion of the course, students will be able to:
1. Demonstrate familiarity with the notion of participation in development thinking
 2. Explain various methods of achieving participation of stakeholders in conceptualizing and implementing development projects
 3. Demonstrate the skills necessary to apply different participatory approaches in the field of development

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	The concept of participation in development, Robert Chambers and the notion of participation.	1	-	2	L, SR	
2	2	1,2	Chamber's concept of 'Responsible Wellbeing', Amartaha Sen and capability approach to development.	2	-	5	L, GD, SR	Q1
3	3	2	Negotiation theory, methods & roles, collaboration and inclusion, gender and racial Identity, Multiparty negotiation	1	-	3	L, GD, SR	
4	4	2	Implementing collaborative planning, stakeholder analysis	2	-	5	L, SR	AS 1 start
5	5	1,2	Theory of social capital, social capital in development practice	1	-	5	L, GD, SR	
6	6	1,2	The concept of 'Do No Harm'	2	-	5	L, SR	AS 1 due
7	7	2,3	Participatory research methods (community profiling, participatory mapping, transact walk, conflict tree)	2	-	3	L, GD, SR	Q2
8	8.1	2,3	Participatory development planning: (participatory rural appraisal, participatory urban appraisal) I	2	-	5	L, SR	
9	8.2	2,3	Participatory development planning: (expedited participatory appraisal) II	2	-	5	L, SR	AS 2 start
10	9	3	Conducting participatory workshop	2	5	5	L, PSA, SR	
11	10.1	2,3	Participation in urban development (social impact assessment in urban resettlement and consultation) I	2	-	5	L, SR, PSA	
12	10.2	2,3	Participation in urban development (social impact assessment in urban resettlement and consultation) II	2	-	5	L, GD, SR	AS 2 due
13	11.1	3	Participatory planning in practice	2	5	4	L, PSA, SR	Q3
14	11.2	3	Collaborative planning in the 21st Century	1	-	6	L, SR	
15	12	1,2,3	Review	1	-	2	L, SR	
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, PSA=problem solving activities in class, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments (02) – 20% Quizzes (03) – 20 %	40%
End semester examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching Panel: Mr. HGKN Bandara

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Practical works															
Assignments															
Quiz															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Chambers. R. (1997). Responsible Well-Being: A Personal Agenda for Development: World Development.
2. Fisher, Roger, William Ury, and Bruce P. (2011). Getting To Yes: Negotiating Agreement Without Giving In: Penguin Books
3. Uphoff, N. (2000). Understanding Social Capital: Learning from the Analysis and Experience of Participation: The World Bank.

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Course Plan

- Course Title:** Intelligence Quotient (IQ) for Undergraduate
- Course Code:** ECON 41062 (30: 00: 70)
- Course Capsule:** Define intelligence and Intelligence Quotient (IQ): history and development of the concept of IQ and IQ tests, purpose of IQ tests and current applications; Introduction and discussion on different standard IQ test practiced locally and internationally, verbal and non-verbal IQ tests with examples and class room activities; Different aspects of IQ skills assessed via IQ test and practicing and enhancing problem solving abilities with regards to those aspects; Spatial reasoning skills: picture concepts, arranging & completing pictures, object assembly, block design, digits, symbols, coding, matrix reasoning; Classification skills: criteria based grouping, conceptual understanding of the relationships; Verbal intelligence: antonyms, synonyms, proverbs, analogies (finding most likely match), verbal puzzles (Jumbled word), verbal classification (match column); Mathematical ability: numerical sequences, series problems, mathematical puzzles; Visual/Perceptual skills: linking separate yet related fragments of information, Identifying identical things in a collection, picking out the odd one out; Logical reasoning skills: extract deductions from given information, lateral thinking puzzles; Pattern recognition skills: understand orders in a chaotic environment.
- Course Aim:** The overall aim of this course is to provide a thorough understanding about the concept of IQ and its usage while guiding the students to improve their IQ levels (to face the competitive exams currently in use).
- ILOs:** At the completion of the course, students will be able to:
1. Enhance their IQ skills and problem solving ability related to their field of study
 2. Develop their critical thinking and evidence based reasoning
 3. Understand how to enhance their IQ skills in future to face competitive exams when needed

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
2.	1	1	Define intelligence and Intelligence Quotient (IQ): history and development of the concept of IQ and IQ tests, purpose of IQ tests and current applications	2		4	L	
2	2	1	Introduction and discussion on different standard IQ test practiced locally and internationally, verbal and non-verbal IQ tests with examples and class room activities	2		4	L	
3	3	1	Different aspects of IQ skills assessed via IQ test and practicing and enhancing problem solving abilities with regards to those aspects	2		4	L	
4, 5, & 6	4	2	Spatial reasoning skills: picture concepts, arranging & completing pictures, object assembly, block design, digits, symbols, coding, matrix reasoning	6		15	L	AS1- start
7 & 8	5	2	Classification skills: criteria based grouping, conceptual understanding of the relationships	4		10	L	
9 & 10	6	2	Verbal intelligence: antonyms, synonyms, proverbs, analogies (finding most likely match), verbal puzzles (Jumbled word), verbal classification (match column)	4		10	L	AS1: due
11 & 12	7	2	Mathematical ability: numerical sequences, series problems, mathematical puzzles	4		10	L	AS2: Start
13	8	2	Visual/Perceptual skills: linking separate yet related fragments of information, Identifying identical things in a collection, picking out the odd one out	2		4	L	
14	9	3	Logical reasoning skills: extract deductions from given information, lateral thinking puzzles	2		4	L	
15	10	3	Pattern recognition skills: understand orders in a chaotic environment	2		5	L	AS2: due
Total				30		70		

Abbreviations: L=Lectures, AS= Assignment

Assessment Strategy:

Continuous assessment Assignments = 40%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching panel: Mr. HABW Hettiarachchi

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Bellingham, J. (2013). How To Succeed In IQ Tests: Academic (India) Publishers
2. Carlton, S. (2003). Mensa How to Excel at IQ Tests: Carlton Books
3. Deary, I. J. (2001). Intelligence: A very short Introduction: Oxford University Press

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Course Plan

- Course Title:** Agricultural Marketing and Policy Analysis
- Course Code:** ECON 41072 (25: 10: 65)
- Course Capsule:** Introduction to agricultural marketing and policy analysis: marketing functions, prices over time and space, static and dynamic models of price setting, pricing with market power, food marketing channels, empirical agricultural price analysis, international agricultural trade; Agribusiness marketing strategies, managing price through future markets, strategic price setting, creative pricing schemes, bargaining in bilateral exchange; Agricultural exports: underline rules, regulation and practical procedure; Agricultural policy analysis: framework, market equilibrium and social welfare, value chains and agricultural competitiveness; Trade policy instruments: price policy, marketing policy, input policy, credit policy, mechanization policy, land reform policy, irrigation policy, nominal and effective protectionism; Impact evaluation of agricultural trade and policies, welfare analysis with case studies; Impact evaluation in price distortions of policy interventions with case studies; Political economy of agricultural marketing and policy.
- Course Aim:** This course focuses on the analysis of agricultural marketing and relevant policies. The aim of the course is to provide a detailed discussion of economic theories behind markets and how they work in practice. It also focuses on the impacts of agricultural marketing policies on different segment of the society.
- ILOs:** At the completion of the course, students will be able to:
1. Explain how prices are determined in the agricultural markets
 2. Describe how marketing systems affects farmers, consumers, and middleman
 3. Evaluate the impacts of agricultural market policies

Course plan.

Wee k No.	Lesson No.	Relate d ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
1 & 2	1	1	Introduction to agricultural marketing and policy analysis: marketing functions, prices over time and space, static and dynamic models of price setting, pricing with market power, food marketing channels, empirical agricultural price analysis, international agricultural trade.	4		8	L, D, SR	
3 & 4	2	1	Identify agribusiness marketing strategies, managing price through future markets, strategic price setting, creative pricing schemes, bargaining in bilateral exchange.	3		8	L, D, SR	
5 & 6	3	1	Describe the agricultural exports: underline rules, regulation and practical procedure	3	2	8	L, SGD	
7 & 8	4	2	Discuss the main concepts of agricultural policy analysis: framework, market equilibrium and social welfare, value chains and agricultural competitiveness.	3	2	8	L, PSA, D	AS1 Start
9 & 10	5	2	Identify the trade policy instruments: price policy, marketing policy, input policy, credit policy, mechanization policy, land reform policy, irrigation policy, nominal and effective protectionism.	3	2	8	L, D	AS1 Due
11 & 12	6	3	Carry out the impact evaluation of agricultural trade and policies, welfare analysis with case studies	3	2	8	L, SGD	
13 & 14	7	3	Carry out the impact evaluation in price distortions of policy interventions with case studies	3	2	8	L, PSA, D	AS2 Start
15	8	3	Explain the political economy of agricultural marketing and policy.	3		9	L,D, SR	AS2 Due
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, D=Discussion, SR=Self Reading, PSA=problem solving activities in class, AS=Assignment

Assessment Strategy:

Continuous assessment Assignments (02) = 40%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Norwood, F.B. and Luck, J.K. (2018). Agricultural Marketing and Price Analysis: Waveland Press.
2. Vercammen, J. (2011). Agricultural Marketing: Structural Models for Price Analysis: Routledge
3. Meyers, W. H. and Johnson, T. (2018). Handbook of International Food and Agricultural Policies: World Scientific.

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Course Plan

- Course Title:** Environmental Valuation
- Course Code:** ECON 41082 (25: 10: 65)
- Course Capsule:** Introduction to environment valuation; Economic valuation: economic price on environmental goods/services; Classification of environmental values: total economic value framework; Welfare measures and environmental values; Economic valuation and cost benefit analysis; Valuation techniques: revealed preferences and stated preferences; Revealed preferences: productivity change method, preventive and replacement cost method, human capital approach, travel cost method, hedonic pricing method; Stated preferences method: Contingent valuation method, contingent ranking method, choice experiment method; Benefit transfer methods; Issues and challengers in economic valuation of environmental goods and services; Case studies with computer application for environmental valuation techniques
- Course Aim:** The aim of this course is to familiarise the students with the economic valuation methods of environmental goods/services and their empirical application in both developed and developing countries. It will provide students in-depth theoretical and practical knowledge on environmental valuation techniques and their empirical application.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the importance of valuing environmental goods and services in the context of public policy making
 2. Compute the welfare measurements with the application of environmental valuation techniques for different case studies
 3. Demonstrate the application of computer based techniques for environmental valuation

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessment Method
1	1	1	Introduction to environment valuation	2		5	L, D, SR	
2	2	1	Economic valuation: economic price on environmental goods/services	2		5	L, D	
3	3	1	Classification of environmental values: total economic value framework	2		5	L, D	
4	4	2	Welfare measures and environmental values	2		5	L, SGD	AS 1 Start
5	5	2	Economic valuation and cost benefit analysis	2		5	L, D, PSA	
6	6	2	Valuation techniques: revealed preferences and stated preferences	3	2	8	L, D	AS1 Due
7 & 8	7	2	Revealed preferences: productivity change method, preventive and replacement cost method, human capital approach, travel cost method, hedonic pricing method	3	2	8	L, D	AS 2 Start
9 & 10	8	2	Stated preferences method: Contingent valuation method, contingent ranking method, choice experiment method Benefit transfer methods	3	2	8	L, SGD, SR	
11 & 12	9	2	Issues and challengers in economic valuation of environmental goods and services	3	2	8	L, D	AS2 Due
13, 14 & 15	10	3	Case studies with computer application for environmental valuation techniques	3	2	8	L, SGD, SR	
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, D=Discussion, SR=Self Reading, PSA=problem solving activities in class, AS=Assignment

Assessment Strategy:

Continuous assessment Assignments = 40%	40%
End Semester Examination	60%
Total	100%

Course Coordinator: Prof. RPIR Prasanna

Teaching Panel: Prof. RPIR Prasanna

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Practical															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Myrick, F.(2014). The measurements of Environmental and Resource Values: Theory and Methods: Resources for the Future, RFF Press.
2. Herath, M. G.(2003). Environmental Valuation: Theory and Application, PGIA: University of Peradeniya
3. David P.(2007). Environmental Valuation in Developing Countries: Edward Elgar

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Course Plan

Course Title: Industrial Economics

Course Code: ECON 41092 (30: 00: 70)

Course Capsule: Introduction to industrial economic, Fundamentals of microeconomics, Market failures and regulation, Firm as an investment, Price discrimination, Entry and market structure, Product differentiation, Firm conduct and market structure, Games and strategies, Market concentration and measurement of market power, Separation of ownership and control, Economic theory of regulation, regulation of natural monopoly, introduction to auctions and competitive bidding, competition policy and regulation in Sri Lanka.

Course Aim: The aim of this course is to provide an in-depth discussion of key industrial economics concepts ranging from the foundations of market structure to theories of strategic interaction. Central theoretical concepts of modern industrial economics will be discussed and applied.

ILOs: At the completion of the course, students will be able to:

1. Describe the determinants of the size and structure of firms
2. Explain the pricing behavior of firms with market power and its welfare implications
3. Apply analytical models of firm behavior and strategic interaction to evaluate various business practices

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to industrial economic: state interference and the performance of the industry	2			L, GD	
2	1	1	Fundamentals of microeconomics: firms, competition, and efficiency	2			L	
3	3	1	Market failures and regulation	2				
4	4	3	Firm as an investment: capital budgeting and investment decisions	2			L, GD	
		3	Calculate Payback, NPV, IRR			10	SGD, SR	
5	4	3	Investment assessment under certainty, risk, and uncertainty	2			L	
		1	Decision making on investment			6	SR	
6	5	2	Price discrimination	2			L, GD	Q1
		2	Analyze price discrimination			10	SR	
7	6	2	Product differentiation	2			L	
		2	Analyze product differentiation			4	SGD, SR	
8	7	3	Games and strategies: non-cooperative game theory, simultaneous and sequential games	2			L, GD	
		3	Analyze games and strategies			8	SGD, SR	
9	7	3	strategic behavior between firms in quantity and price competition	2			L	
		3	Compare strategic behavior			2	SR	AS1Start
10	8	3	Market concentration and measurement of market power: horizontal relations and vertical relations	2			L, GD	
11	9	3	Separation of ownership and control: innovation and networks	2			L	
12	9	3	Analyze Innovation process in a firm	2			L, GD	Q2
		3	Explain innovation with compare cost			10	SR	
13	10	3	The economic theory of regulation, regulation of natural monopoly	2			L	
14	10	3	Introduction to auctions and competitive bidding	2			L, GD	
		3	Explain competitive bidding			10	SGD, SR	AS1 due
15	10	3	competition policy and regulation in Sri Lanka	2			L	
		3	Analyze competition policy in Sri Lanka			10		
Total				30	00	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, GD= Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 20%, Quiz – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala**Teaching Panel:** Dr. SAU Niranjala**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Quiz															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Cabral, L.M.B. (2017). Introduction to Industrial Organization: MIT Press.
2. Belleflamme, P., Peitz, M. (2015). Industrial Organization. Markets and Strategies: Cambridge University Press
3. Tirole, J. (1988). The Theory of Industrial Organization: MIT Press

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Industrial Policies in Developing Countries
- Course Code:** ECON 41102 (30: 00: 70)
- Course Capsule:** Introduction to industrial policy, Industrial policy instruments, Industrial policy in lower-middle-income countries, Making industrial policy work for development, Green industrial policy.
- Course Aim:** The course provides an in-depth discussion of critical industrial policy concepts employs in developing countries. It will provide knowledge on the industrial policy, policy instruments, and role of industrial policies for economic development in developing countries.
- ILOs:** At the completion of the course, students will be able to:
1. Depict the different views on the role of industrial policies
 2. Analyze country experiences with specific industrial policy instruments
 3. Examine the challenges to industrial policies in the context of a developing economy

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to industrial policy: defining industrial policy, the role of industrial policy	2			L, GD	
2	1	1	The domains of industrial policy	2			L	
3	1	1	The global context, historical perspective of industrial policy	2				
4	1	1,2	Criticism of industrial policies	2			L, GD	
		1,2	Select one of any industrial policy and criticize it			10	SGD, SR	
5	2	2	Industrial policy instruments: industrial policy instruments, specific challenges	2			L	
		1	Critically identify main features of industrial policy			2	SR	
6	3	2	Industrial policy in lower-middle-income countries	2			L, GD	Q1
		2	Gather industrial policies			10	SR	
7	3	2	Industrial policies in Sri Lanka	2			L	
		2	Identify main industrial policies in Sri Lanka			4	SGD, SR	
8	3	3	Industrial policies in selected other developing countries	2			L, GD	
		3	Compare industrial policies with other developing countries			12	SGD, SR	
9	3	3	Insights from comparative country case studies	2			L	
10	4	3	Making industrial policy work for development	2			L, GD	
11	4	3	The evolution of development thinking,	2			L	AS1 Start
12	4	3	The principal tenets of successful industrial policy	2			L, GD	Q2
		3	Identify a successful industrial policy			10	SR	
13	5	3	Green industrial policy: conceptual foundations	2			L	
14	5	3	Strategic development of green industrial policy	2			L, GD	
		3	Explain green industrial policy			12	SGD, SR	AS1 Due
15	5	3	Green industrial policy instruments, green industrial policy, and trade	2			L	
		3	Analyze green industrial policy instruments			10		
Total				30	00	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments – 20%, Quiz – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Dr. SAU Niranjala**Teaching Panel:** Dr. SAU Niranjala**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Theory																
Practical																
Independent Learning																
Assignments																
Quiz																
End semester examination	(after two weeks of study leave, End semester examination)															

References:

1. Viscusi, W.K., Vernon, J.M. and Harrington J.E. (2005). Economics of Regulation and Anti Trust: The MIT Press.
2. Tilman A. (2011). Industrial Policy in Developing Countries – Overview and Lessons from Seven Countries, Discussion Paper / Deutsches Institut für Entwicklungspolitik.
3. Irfan U.H. (2007). Rethinking Industrial Policy, Discussion Paper, United Nations Conference on Trade and Development (UNCTAD), Switzerland.

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Course Plan

Course Title: Development Policy and Management

Course Code: ECON 41112 (30: 00: 70)

Course Capsule: Introduction to development policy and management; Goals and key issues in development; Changing methods of policy formation and practice; Major development strategies and policies in developed world; Major development strategies and policies in developing world; Poverty, inequality and development; Human capital: education and health; Food policy: agriculture and rural livelihood; Urbanization and rural migration; Financing development: microfinance; Social safety nets; Population, environment and sustainable development

Course Aim: The study of issues in development in the developing countries is attracting more attention around the world. The aim of this course unit is to provide students with the perspectives and the tools they need to think analytically and critically about the current major economic development issues in the world, particularly in the developing countries.

ILOs: At the completion of the course, students will be able to:

1. Describe the relative importance of development problems in the developing countries
2. Demonstrate how development policies contribute to resolve the development problems
3. Demonstrate alternative economic policy approaches and their possible consequences

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01	01	Introduction to development policy and management	01	-	01	L, GD,SR	
2	02	01	Goals and key issues in development	01	-	03	L, VP, SR	
3	03	02	Changing methods of policy formation and practice	02	-	04	L,SGD, SR	
4	04.1	02	Major development strategies and policies in developed world	02	-	05	L, VP, SR	AS 1 start
5	04.2	02	Major development strategies and policies in developing world	02	-	05	L, D,SR	
6	05	01	Poverty, inequality and development	02	-	05	L, GD, SR	AS 1 due
7	06	01	H Human capital: education and health	02	-	07	L, SR	
8	07	01	Food policy: agriculture and rural livelihood	02	-	06	L, VP, SR	GP
9	08	01	Urbanization and rural migration	03	-	05	L,V, SR.	
10	09.1	01	Financing development: microfinance	02	-	06	L, GD, SR	
11	09.2	01	Social safety nets	02	-	04	L, SR	
12	10.1	03	Population and sustainable development	03	-	06	L, GD,SR	
13	10.2	03	Environment and sustainable development	02	-	06	L,GD, SR	
14	10.3	03	Population, environment and sustainable development	03	-	07	L, SGD, SR.	DE
15			Review	01			GD	
Total				30	00	70		

Abbreviations: L=Lectures, GD= Group Discussion, GP=Group Presentations, DE= Debate, SGD=Small Group Discussion, VP=Video Presentation, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment: Assignment – 10%, Group Presentations – 10% Debate - 20	40%
End semester examination	60%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching Panel: Mr. HABW Hettiarachchi

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Group Presentation, Debate															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Bardhan, P. and Udry, C. (1999). Development Microeconomics: Oxford University Press.
2. Kingsbury, D., Rementi, J., McKay, J. and Hunt, J. (2004). Key Issues in Development. Macmillan, Hampshire: Palgrave.
3. Amartya, S. (1999). Development as Freedom. New Delhi: Oxford University Press.

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Course Plan

- Course Title:** International Development Practices
- Course Code:** ECON 41142 (30: 00: 70)
- Course Capsule:** Overview of the world of development; Worldviews, meanings and values in international development; Reviewing the history of contemporary international development; International trade and development: theoretical and empirical development; Trade strategies for development: export promotion & import substitution, economic integration; Trade policies of developed countries and their impacts on developing countries; Debt, exchange and development; Balance of payments, debt crisis and macroeconomic instability in the developing countries; Foreign finance, investment and aid: development lessons of developing countries Global, state, private and civil society actors; Migration and Brain-Drain; Multilateral organizations (World Bank, IMF, WTO, etc.) and developing countries; Persistent problems: health, gender, human security; Politics of poverty, growth and policy reform; Governance, civil society and development; The politics of development in the age of globalization.
- Course Aim:** This course provides an overview and introduction to the global issues, powers and players at the heart of international development. It will introduce students to key issues and themes in international development. Further, students will explore and engage with the academic debates and discussions around a set of key factors which shape, influence and constrain the development and prosperity of nations.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the processes that bring about individual and societal change in an international context
 2. Demonstrate understanding of major current and past policy debates, research findings, and analytical methodologies in international development policy
 3. Describe the key functions of multilateral organizations with regard to developing countries

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01	1	Overview of the world of development	01	-	-	L	
2	02	1	Worldviews, meanings and values in international development	02	-	04	L, SR	
3	03	1	Reviewing the history of contemporary international development	02	-	05	L,GD, SR	
4	04	1	International trade and development: theoretical and empirical development	02	-	06	L,SR	
5	05	2	Trade strategies for development: export promotion & import substitution, economic integration	02	-	04	L,SR	
6	06	2	Trade policies of developed countries and their impacts on developing countries	02	-	06	L,SGD, SR	AS 1 start
7	07	2	Debt, exchange and development	02	-	04	L,SR	
8	08	2	Balance of payments, debt crisis and macroeconomic instability in the developing countries	03	-	06	L,GD,SR	
9	09	2	Foreign finance, investment and aid: development lessons of developing countries	02	-	04	L,GD,SR	AS 1 due
10	10	1	Global, state, private and civil society actors	02	-	06	L,SR	
11	11	2	Migration and Brain-Drain	02	-	05	L,GD,SR	D
12	12	3	Multilateral organizations (World Bank, IMF, WTO, etc.) and developing countries	02	-	04	L,SR	
13	13	3	Persistent problems: health, gender, human security	02	-	06	L,GD,SR	GP
14	14	3	Politics of poverty, growth and policy reform	02	-	04	L,SR	
15	15	3	Governance, civil society and development and the politics of development in the age of globalization	02	-	06	L,SR	
Total				30	00	70		

Abbreviations: L=Lectures, GD=Group Discussion, SGD=Small Group Discussion, GA = Group Activity, SR=Self Reading, D=Debate, GP=Group presentation, AS= Assignment

Assessment Strategy:

Continuous assessment: Assignments – 20%, Group Presentations – 10% Debate - 10%	40%
End semester examination	60%
Total	100%

Course Coordinator: HABW Hettiarachchi**Teaching panel:** HABW Hettiarachchi**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Group Presentations and Debates															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Colman D. and Nixon, F.(1994). Economics of Change in Less Developed Countries: Harvester.
2. Kingsbury, D., Rementi, J., McKay, J. and Hunt, J. (2004). Key Issues in Development.
3. Macmillan, Hampshire: Palgrave.
4. Todaro, M.P. and Stephen, C.S. (2003). Economic Development. Singapore: Pearson Education

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Course Plan

Course Title: Health Economics

Course Code: ECON 41132 (30:00:70)

Course Capsule: Introduction to health economics; Health measurement, determinants and long run trends; Economic Models of Health; Health care systems and institutions; The demand for health care and medical insurance; Health care insurance, moral hazard, and adverse selection; Health care production and costs; Structure, conduct, performance, and market analysis; Government, health, and health care; The physician services industry; The hospital services industry; The pharmaceutical industry; Unhealthy behavior: evidence and policy issues; Health care system and health policy in Sri Lanka

Course Aim : The aim of this course unit is to make students aware of application microeconomic Theory on analyzing healthcare and health industry. It also will discuss characteristics that are integral to health economics, namely information problems, insurance, government intervention and the institutional environment generally

ILOs: At the completion of the course, students will be able to:

1. Explain the relevance of economic concepts to the health care sector
2. Describe the system of health care financing and delivery arrangements
3. Evaluate and analyze the underlying economic frameworks appropriate to study health and health care

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	01.1	01	Introduction to health economics	01	-	01	L	
2	01.2	01	Health measurement, determinants and long run trends	01	-	04	L, SR	
3	02	01	Economic Models of Health	03	-	07	L, D	Essay
4	03	01	Health care systems and institutions	02	-	07	L, SGD	
5	04	02	The demand for health care and medical insurance	02	-	05	L	Q 1
6	05	02	Health care insurance, moral hazard, and adverse selection	03	-	02	L, GD	Q 2
7	06	02	Health care production and costs	01	-	05	L	Q 3
8	07	03	Structure, conduct, performance, and market analysis	03	-	06	L, D	AS 1 Start
9	08	02	Government, health, and health care	02	-	05	L, SR	GA
10	09.1	03	The physician services industry	01	-	05	L, GD	AS 2 Start
11	09.2	03	The hospital services industry	02	-	04	L,SR	
12	09.3	03	The pharmaceutical industry	02	-	06	L,SR	AS 1 Due
13	10	03	Unhealthy behavior: evidence and policy issues	03	-	06	L,D,SR	
14	11	03	Health care system and health policy in Sri Lanka	03	-	07	L,GD,SR	AS 2 Due
15			Review	01	-	-		
Total				30	00	70		

Abbreviations: L=Lectures, SGD=Small Group Discussion, D= Discussion, GA = Group Activity, SR=Self Reading, AS= Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment:	40%
Assignments – 10%,	
Group Presentations – 10%	
Quiz - 15%	
Essay – 05%	
End semester examination	60%
Total	100%

Course Coordinator: JMG Lalani

Teaching panel: JMG Lalani

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments								■							
Quiz					■	■	■								
Essay and Group Presentations			■						■						
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Culyer, A.J. and Newhouse, J. P. (2000). .Handbook of Health Economics: Netherlands.
2. Folland, S., Goodman, A.C., and Stano, M. (2017). The Economics of Health and Health Care: Routledge
3. Santerre, R.E. and Neun, S. P. (2010). Health Economics, Theories, Insights and Industry Studies: Western Cengage Learning

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Course Plan

- Course Title:** Economics of Labour Markets
- Course Code:** ECON 41142 (30:00:70)
- Course Capsule:** Introduction to labour market; Labor force participation; Labour supply: decision to work, economic incentives, and personal preferences, welfare policy; Labour demand and firm behavior; Labour market equilibrium: competitive and non-competitive labour markets, wage determination and allocation of labor; Earnings inequality: why do some people earn more than others, wage discrimination; Human capital: contribution of education and skills to labour productivity and earnings; Mismatches in the labor market; Labour mobility: migration, globalisation, and economic contribution of immigrants to labour markets, labor mobility and efficiency; Labor union and collective bargaining; Job search and vacancy analysis; Labour market in transition economies; Labor market policy: international, domestic.
- Course Aim:** The aim of this course unit is to make students aware of theories of labour market analysis and broaden students' understanding on job search and vacancy analysis in the labour market. It will mainly examine how labour markets function and teaches students how to use economic frameworks to evaluate the effects of various policies, including education and training, fiscal and taxation policies and immigration.
- ILOs:** At the completion of the course, students will be able to:
1. Explain the market process of wage determination through the interaction of labor supply and labor demand
 2. Analyze the impact of labor market imperfections and various government policies on wages and incentives to work
 3. Analyze mechanism of trade union and collective bargaining process

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to labour market	2		6	L, D, SR	
2	2	1	Labor force participation	2		4	L, SGD	
3-4	3	1	Labour supply: decision to work, economic incentives, and personal preferences, welfare policy	4		6	L, D,SR	
5	4	1	Labour demand and firm behavior	2		4	L, D	AS 1 Start
6	5	1	Labour market equilibrium: competitive and non-competitive labour markets, wage determination and allocation of labor	2		6	L, SGD	
7	6	2	Earnings inequality: why do some people earn more than others, wage discrimination	2		4	L, D,SR	AS 1 Due
8	7	2	Human capital: contribution of education and skills to labour productivity and earnings	2		4	L, D	
9	8	2	Mismatches in the labor market	2		4	L, SGD	
10	9	2	Labour mobility: migration, globalisation, and economic contribution of immigrants to labour markets, labor mobility and efficiency	2		6	L, D	AS 2 Start
11-12	10	3	Labor union and collective bargaining	4		4	L, D, SR	
13	11	3	Job search and vacancy analysis	2		4	L, SGD	AS 2 Due
14	12	3	Labour market in transition economies	2		10	L, D, SR	
15	13	3	Labor market policy: international, domestic	2		8	L, D,SR	
Total				30		70		

Abbreviations: L=Lectures, D=Discussion, SR=Self Reading, SGD=Small Group Discussion, AS= Assignment

Assessment Strategy:

Continuous assessment: Assignments (02) – 40%,	40%
End semester examination	60%
Total	100%

Course Coordinator: Ms. JMG Lalani

Teaching panel: Ms.JMG Lalani

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. George Borjas. (2002): Labor Economics: McGraw-Hill.
2. Stephen W. S. (1994). Labour Economics: Routledge.
3. Sloane, P. Latreille, P. and Leary N.O.(2013). Modern Labour Economics: Routledge.

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Course Plan

Course Title: International Trade Policy and Practice

Course Code: ECON 41152 (30:00:70)

Course Capsule: Introduction to the course and review of economic principles; Globalization and trade policy; Factor availability and trade; Gains and losses from trade; Alternative theories of trade; Growth and trade; Analysis of tariffs: partial and general equilibrium analysis; Nontariff barriers to imports; Arguments for and against protection; Trade blocs and trade blocks; Trade and environment; Trade policies for developing countries; International factor movements; Exchange rates adjustment policies; The political economy of trade policy; Evaluation trade policies in Sri Lanka; Regional agreements, bilateral trade and issues

Course Aim: This course unit aims to broaden students' understanding of international trade policies and practices and their effects on the economies of developing countries. It also will analyses the interdependence that arises from international trade in goods and services.

ILOs: At the completion of the course, students will be able to:

1. Explain, interpret and solve partial and general equilibrium models of international trade theory and policy.
2. Analyze the effects of trade barriers on factor income, consumption and production, and welfare
3. Analyze the effects of trade liberalization on economies of developing countries

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1	1	1	Introduction to the course and review of economic principles	2		4	L, D	
2	2	1	Globalization and trade policy	2		4	L, D	
3	3	1	Factor availability and trade	2		4	L, SGD	AS 1 Start
4	4	2	Gains and losses from trade; Alternative theories of trade	2		4	L, D	
5	5	2	Growth and trade	2		4	L, D	AS1 Due
6	6	2	Analysis of tariffs: partial and general equilibrium analysis	2		5	L, D	
7	7	2	Nontariff barriers to imports	2		5	L, D, SR	
8	8	2	Arguments for and against protection	2		5	L, D	
9	9	3	Trade blocs and trade blocks	2		5	L, SGD	
10	10	3	Trade and environment	2		5	L, D	AS 2 Start
11	11	3	Trade policies for developing countries	2		5	L, D, SR	
12	12	3	International factor movements	2		5	L, D	AS2 Due
13	13	3	Exchange rates adjustment policies	2		5	L, SGD	
14	14	3	The political economy of trade policy	2		5	L, D	
15	15	3	Evaluation trade policies in Sri Lanka; Regional agreements, bilateral trade and issues	2		5	L, SGD	
Total				30		70		

Abbreviations: L=Lectures, AS= Assignment, D=Discussion, SGD=Small Group Discussion, SR= Self Reading

Assessment Strategy:

Continuous assessment: Assignments (02) – 40%,	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. SWGK Bulankulam**Teaching panel:** Prof. SWGK Bulankulama**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Krugman P., Obstfeld M., Melitz M. (2015). International Economics: Theory and Policy: Pearson
2. Salvatore, D. (2013). International Economics – Trade and Finance: Wiley
3. Peter B. K. (1994). The International Economy: Prentice-Hall

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Course Plan

- Course Title:** International Finance and Commercial Policy
- Course Code:** ECON 41162 (30:00:70)
- Course Capsule:** International financial relations: international finance and international financial relations (concept, nature, structure and trends), world financial centres, major international markets, Euromarket (concept, components and deposit and loan operations); International monetary relations: concept and regulators, currency relations, currency system, regulation of global currency markets and relations; International movement of capital: concept and forms, direct, foreign direct investment, portfolio investment(concept, models and classification, export and import of capital and regulation of international capital flows); New dimensions to commercial policy: labor, environment, civil society; Financial crises in historical perspective: Minskian perspectives and empirical evidence; The current crisis and the debate over financial globalization; International monetary system: basic models and concepts, history and political economy; The structure of global financial markets and the debate over global imbalances; The Euro, the Euro crisis and the role of the dollar; The IMF, world trade organization and other international financial institutions; Enforcement and the international credit regime; Reforming the international financial system.
- Course Aim:** This course unit aims to broaden students' understanding of international trade policies and practices and their effects on the economies of developing countries. It also will analyses the interdependence that arises from international trade in goods and services.
- ILOs:** At the completion of the course, students will be able to:
1. Assess which proposed international financial policies are likely to harm/ gains the country's economy
 2. Measure the effect of the international financial institutions on domestic competitiveness of businesses
 3. Apply knowledge of derivatives to risk management in international financial market

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/ Learning Methods Used	Assessments
				T	P	IL		
1 - 2	1	1	International financial relations: international finance and international financial relations (concept, nature, structure and trends), world financial centers, major international markets, Euromarkets (concept, components and deposit and loan operations)	2		6	L ,D,SR	
3	2	1	International monetary relations: concept and regulators, currency relations, currency system, regulation of global currency markets and relations	2		5	L ,D	
4 - 5	3	1	International movement of capital: concept and forms, direct, foreign direct investment, portfolio investment(concept, models and classification, export and import of capital and regulation of international capital flows)	6		10	L ,D,SR	AS 1 Start
6	4	1	New dimensions to commercial policy: labor, environment, civil society	2		4	L ,D, SR	
7	5	2	Financial crises in historical perspective: Minskian perspectives and empirical evidence	2		10	L ,D	AS1 Due
8	6	2	The current crisis and the debate over financial globalization	2		5	L ,D	
9	7	2	International monetary system: basic models and concepts, history and political economy	4		5	L ,D	
10	8	2	The structure of global financial markets and the debate over global imbalances	2		5	L ,D	
11	9	2	The Euro, the Euro crisis and the role of the dollar	2		5	L ,D, SR	
12	10	2	The IMF, world trade organization and other international financial institutions	2		5	L ,D	AS 2 Start
13	11	3	Enforcement and the international credit regime	2		5	L ,D,SR	
14-5	12	3	Reforming the international financial system	2		5	L ,D	AS2 Due
Total				30		70		

Abbreviations: L=Lectures, AS= Assignment, D=Discussion, SR=Self Reading

Assessment Strategy:

Continuous assessment: Assignments – 20%, Group Presentations – 10% Debate - 10%	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. SWGK Bulankulam

Teaching panel: Prof. SWGK Bulankulama

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End semester examination	(after two weeks of study leave, End semester examination)														

References:

1. Krugman P., Obstfeld M., Melitz M. (2015). International Economics: Theory and Policy: Pearson
2. Salvatore, D. (2013). International Economics – Trade and Finance: Wiley
3. Kenen, P.B. (1994). The International Economy: Prentice-Hall

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Course Plan

Course Title: Big Data Management

Course Code: ECON 41172 (20:20:60)

Course Capsule: Introduction to big data, Management issues for Big Data, Visual data exploration and exploratory statistical analysis, Storage, data and programming interface models used for Big Data, Architecture for Big Data, Big Data infrastructures, Tools and techniques for analysis, and Introduction to R.

Course Aim: The aim of this course is to provide adequate technical detail while emphasizing the organizational and implementation issues relevant to the management of big data in an organization environment. It will provide students necessary knowledge to comprehend how big database systems are used for strategic and operational decision making and understand emerging technologies like data warehousing and Web-enabled data-driven systems

ILOs: At the completion of the course, students will be able to:

1. Be proficient with Hadoop and MapReduce programming
2. Develop programs to process big data
3. Manage appropriate architectures and storage for Big Data applications

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to big data: Defining characteristics, Categories and examples of big data sources, Challenges of Big Data	1	-	4	L, SR	
2	2.1	1	Management issues for Big Data: Staffing, skillsets, strategies, sourcing (ingestion), storage, quality, operations, scalability	2	2	5	L, CBT, SR	Q1
3	2.2	1	Data reliability, data consistency	2	1	5	CBT, SR	project 1 start
4	3.1	1,2	Visual data exploration and exploratory statistical analysis: missing values, outlier detection and treatment I	1	1	4	L, CBT, SR	
5	3.2	1,2	Visual data exploration and exploratory statistical analysis: standardizing data, categorization, weights of evidence coding, variable selection, segmentation II	1	1	4	L, CBT, SR	Q2
6	4.1	1,2	Storage, data and programming interface models used for Big Data: data (key-value), relational, extensible and document; Storage (block, file and object-based)	1	1	4	L, CBT, SR	
7	4.2	1,2,3	Data modeling (structured data, unstructured data, streamed data)	2	1	2	L, CBT, SR	project 1 due
8	4.3	2,3	Modeling real time data (pipelines with Kafka and similar technologies);	1	1	4	L, CBT, SR	
9	4.4	2,3	Comparison of programming interface models (e.g. Hadoop, MapReduce, Spark, Yarn).	1	2	4	L, CBT, SR	
10	5.1	2,3	Architecture for Big Data: The Hadoop ecosystem definition (MapReduce, HDFS and Yarn); NoSQL (Structure Query Language) definition, benefits, and comparison to Relational Database Management System (RDBMS); ACID properties	1	1	4	L, CBT, SR	
11	5.2	1,2,3	Use of Brewer's CAP (Consistency, Availability and Partition tolerance) theorem in NoSQL frameworks	1	1	4	L, CBT, SR	Q3
12	6.1	1,2	Big Data infrastructures: Networks, cloud based; Distributed file systems; Ownership and financial implications of cloud data usage	1	2	4	L, CBT, SR	
13	7.1	1,2	Tools and techniques for analysis: Gartner's ascendancy model (descriptive, diagnostic, predictive, and prescriptive), Basic	1	1	4	L, CBT, SR	

			algorithms and applications of Machine Learning					
14	7.2	1,2	Use of Artificial Intelligence in Big Data applications; The hash function (e.g. MapReduce. Bloom filters – application in data mining	2	1	4	L, CBT, SR	Q4
15	8.1	1,2,3	Introduction to R: Performing statistical analysis of Big Data; R programming language CRAN packages for big data, cluster analysis	2	4	4	L, CBT, SR	
Total				20	20	60		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, class, CBT = Computer-Based Training, Q = Quiz

Assessment Strategy:

Continuous assessment: Projects (02) – 20%, Quizzes (04) – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. SKN Gamage

Teaching panel: Prof. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Practical work															
Assignments/Project															
Quiz															

References:

1. Lemahieu, W., Vanden Broucke, S., & Baesens, B. (2018). Principles of Database Management: The Practical Guide to Storing, Managing and Analyzing Big and Small Data: Cambridge University Press.
2. Mahmood, Z. (2016). Data science and big data computing: frameworks and methodologies: Springe
3. Somani, A. K., & Deka, G. C. (Eds.). (2017). Big data analytics: Tools and technology for effective planning: CRC Press.

Department of Economics
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Course Plan

Course Title: Non-Parametric Methods

Course Code: ECON 41182 (25:10:65)

Course Capsule: Introduction and Review, Types of N-P tests, statistical software: STATA, SPSS and Minitab; One sample tests: the sign test, the Kolmogorov Smirnov test, Two sample tests, K sample tests, Density estimation: Kernel density estimation; Smoothing Methods and Robust Model Fitting; Multivariate density estimation; Nonparametric regression: Regression splines; The kernel method; The nearest neighbor method; Cubic smoothing splines; Local polynomial regression; Statistical properties of smoothers; Quantile regression; Normality test: K-S test.

Course Aim: The purpose of this course is to provide adequate mathematical and non-parametric statistical tools required in an applied economics and social science degree. It also will provide theoretical and empirical knowledge of non-parametric methods and develop skills necessary to employ non-parametric methods in data analysis.

ILOs: At the completion of the course, students will be able to:

1. Conduct a comparative evaluation of quantitative, qualitative, experimental, and survey research methods of data analysis skills through non parametric techniques
2. Conduct descriptive and inferential statistical analysis using non parametric techniques
3. Estimate a regression coefficient and correlation coefficient non-parametrically using various methods

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction and Review: Examples of nonparametric models and problems; parametric techniques versus nonparametric techniques	1	-	5	L, SR	
2	1.2	1,2	The choice of statistical tests, Types of N-P tests;	2	-	4	L, SR	
3	2.1		Statistical software: STATA, SPSS and Minitab;	2	4	6	L, SR	Q1
4	2.2	1,2	One-sample tests: the sign test, the Kolmogorov Smirnov test	1	-	4	L, CBT, SR	
5	3.1	1,2	Two sample tests: The Wilcoxon Signed –Rank Test (W test) for Related Samples;	2	-	4	L, SR	AS 1 start
6	3.2	1,2	The Mann Whitney U test and Wilcoxon Rank Sum test for Independent Samples	2	-	4	L, SR	
7	4.1	1,2	K sample tests: The Friedman test Two way ANOVA for Related Samples	2	2	4	L, CBT, SR	AS 1 due
8	4.2	2	The Kuruskal-Wallis test (H test) for Independent Samples; The Chi-square test: χ test of goodness of fit	2	2	4	L, CBT, SR	
9	4.3	2	Kolmogorov-Smirnov (K-S) test, χ test of independence: contingency table; The Runs test for randomness for sequenced data	2	-	6	L, SR	AS 2 start
10	4.4	3	Measures of Correlation: The contingency coefficient, The Pearson Correlation, The Spearman Rank Correlation	1	-	4	L, SR	
11	4.5	3	The Kendal Rank Correlation tests	2	2	4	L, CBT, SR	AS 2 due
12	5.1	2,3	Density estimation: Kernel density estimation; Smoothing Methods and Robust Model Fitting	2	-	4	L, SR	
13	5.2	2,3	Multivariate density estimation; Nonparametric regression: Regression splines; The kernel method; The nearest neighbor method; Cubic smoothing splines	2	-	4	L, SR	Q2
14	5.3	1,2,3	Local polynomial regression; Statistical properties of smoothers; Quantile regression	1	-	4	L, SR	
15	5.4	1,2,3	Normality test: K-S test	1	-	4	L, SR	Q3
Total				25	10	65		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, class, CBT = Computer-Based Training, AS = Assignment, Q = Quiz

Assessment Strategy:

Continuous assessment: Assignments(02) – 20%, Quizzes (03) – 20%,	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof. SKN Gamage

Teaching panel: Prof. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical work			■				■	■			■				
Assignments					■				■						
Quiz			■										■		■

References:

1. Corder, G. W., & Foreman, D. I. (2014). Nonparametric Statistics: A Step-by-Step Approach: John Wiley & Sons.
2. Higgins, J. J. (2004). An Introduction to Modern Nonparametric Statistics: Brooks/Cole
3. Li O. and Racine J.S. (2007). Nonparametric Econometrics: Princeton University Press

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Course Plan

Course Title: Business Planning

Course Code: ECON 41192 (30:00:70)

Course Capsule: Introduction to business planning, Different types of business or commercial institutes, decision making process, quality management system, marketing strategies and motivation methods, Tools to identify/evaluate opportunities and acquire/manage resources, Tools to analyze business context and risks, Analytical frameworks for understanding competitive/market dynamics, Guidelines for developing market-entry strategy, Financial tools for estimating economic viability, Criteria for making go/no-go decisions to start/approve new ventures, Understanding of financial options and frameworks, Tools for maximizing marketing opportunities, Tools for identifying resource requirements and building capabilities, Strategies for achieving/sustaining competitive advantage, The new venture business plan: developing the details of the business plan.

Course Aim: The aim of this course is to provide the opportunity to learn how to prepare a comprehensive strategy for launching a new business. In this module students will have the opportunity to apply their economics education and experience to a very practical, hands-on project.

ILOs: At the completion of the course, students will be able to:

1. Explain suitable paths to small business ownership
2. Develop a feasibility study of the strengths and weaknesses of the proposed business opportunity
3. Demonstrate the ability to design and produce a detailed written business plan

Lesson Sequence

We ek	Les son No.	Relate d ILO.	Lesson Title	Time (hours)			Teaching/L earning Methods	Assessment Methods
				T	P	IL		
1	1	1	Introduction to business planning	2		5	L, D,SR	
2	2	1 ,2	Different types of business or commercial institutes, decision making process,	2		5	L, D,SR	
3	3	1,2	quality management system, marketing strategies and motivation methods	2		5	L,D,SR,GD	AS1 start
4	4	1,2	Tools to identify/evaluate opportunities and acquire/manage resources, Tools to analyze business context and risks	2		5	L, GW,D,SR	
5	4	1,2	Analytical frameworks for understanding competitive/market dynamics	2		5	L,D,GW,SR	AS1 due
6		1,2,3	Presentations by students	2		5	GD,SR	
7	4	1,2,3	Guidelines for developing market-entry strategy	2		5	D, GW	
8	4	2,3	Financial tools for estimating economic viability	2		6	L, D, SR	AS2 start
9	5	2,3	Criteria for making go/no-go decisions to start/approve new ventures	2		4	L,GW	
10	6	2,3	Understanding of financial options and frameworks	2		4	SR,L, D	
11		1,2,3	Presentations by students	2		4	D,SR	
12	7	3	Tools for maximizing marketing opportunities	2		4	L,GW,D,SR	
13	8	3	Tools for identifying resource requirements and building capabilities	2		4	L,D,RR	
14	9	3	Strategies for achieving/sustaining competitive advantage	2		4	L,D,SR	
15		1,2,3	The new venture business plan: developing the details of the business plan	2		5	L,D,SR	
Total				30		70		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, GW- Group Work, AS=Assignment.

Assessment Strategy

Continuous assessment: Assignments (02) – 40%,	40%
End semester examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching panel: Mr. HGKN Bandara

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End-semester theory examination	(After 02 weeks of study leave final exam will be held)														

References:

1. Linda, A. (2007): Creating a Business Plan: Expert Solutions to Everyday Challenges: Harvard Business School Press
2. Andrew, G. (2013). Business Economics: Oxford University Press
3. Sahlmann, W.A. (2008): How to Write a Great Business Plan: Harvard Business School Press

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Course Plan

- Course Title:** Business Valuation Theory and Application
- Course Code:** ECON 41202 (30:00:70)
- Course Capsule:** Introduction to business valuation, Foundations of value and fundamental principles of value creation, Expectations and return on invested capital, Growth and core valuation frameworks, Income approach: discounted cash flow methods, capitalization method, Market approach: public company method, merger and acquisition method, Cost approach: net asset value method, liquidation value method, individual asset valuation procedures, Financial statement analysis, performance evaluation, Forecasting performance, estimating continuing value and the cost of capital, Enterprise value, interpreting results, and using multiples, Corporate portfolio strategy, performance management, and mergers and acquisitions, Divestitures, capital structure, and investor communications, Special situations, including valuing flexibility and the application of real options methods.
- Course Aim:** This course is designed to extend further knowledge (both theoretical and practical) of business economics while developing their skills on valuating a business. The course covers all major topics for valuing businesses, analytical methodologies and practical applications both for transactions and business management
- ILOs:** At the completion of the course, students will be able to:
1. Interpret the features of corporate valuation in emerging capital markets
 2. Apply methods of valuing any type of company, using discounted cash flow models and other commonly used methods
 3. Apply the theories learned to real world financial applications

Lesson Sequence:

We ek	Les son No.	Related ILO.	Lesson Title	Time (hours)			Teaching/Lea rning Methods	Assessment Methods
				T	P	IL		
1	1	1	Introduction to business valuation	2		5	L, D,SR	
2	2	1 ,2	Foundations of value and fundamental principles of value creation	2		5	L, D,SR	
3	3	1,2	Expectations and return on invested capital	2		5	L,D,SR,GD	AS1 start
4	4	1,2	Growth and core valuation frameworks	2		5	L, GW,D,SR	
5	5	2,3	Income approach: discounted cash flow methods, capitalization method	2		5	L,D,GW,SR	AS1 due
6		1,2	Presentations by students	2		5	GD,SR	
7	5	2,3	Market approach: public company method, merger and acquisition method	2		4	D, GW	
8	5	2,3	Cost approach: net asset value method, liquidation value method, individual asset valuation procedures	2		6	L, D, SR	AS2 start
9	6	2,3	Financial statement analysis, performance evaluation	2		4	L,GW	
10	7	2,3	Forecasting performance, estimating continuing value and the cost of capital	2		4	SR,L, D	
11		1,2,3	Presentations by students	2		5	D,SR	
12	8	3	Enterprise value, interpreting results, and using multiples	2		5	L,GW,D,SR	
13	9	3	Corporate portfolio strategy, performance management, and mergers and acquisitions	2		4	L,D	
14	10	3	Divestitures, capital structure, and investor communications	2		4	L,D,SR	
15	11	2,3	Special situations, including valuing flexibility and the application of real options methods	2		4	L,D,SR	
Total				30		70		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, GW- Group Work, AS=Assignment

Assessment Strategy

Continuous assessment: Assignments (02)	40%
End semester examination	60%
Total	100%

Course Coordinator: Mr. HGKN Bandara

Teaching panel: Mr. HGKN Bandara

Organization of the course:

Activity	Week of the Semester														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
End-semester theory examination	(After 02 weeks of study leave final exam will be held)														

References:

1. Fazzini, M. (2018). Business Valuation: Palgrave Macmillan
2. Copeland T., Koller T., Murrin J. (2000). Valuation: Measuring and Managing the Value of Companies: John Wiley & Sons
3. Luehrman T.A. (2009). Corporate Valuation and Market Multiples: Harvard Business Review

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Course Plan

Course Title: Research Project – Part II

Course Code: ECON 42013 (15:00:285)

Course Capsule: This is the continuation of the research project part I (ECN4004) which was completed in the first semester. Students are expected to continue their proposed research during this semester and complete the dissertation. While word limit is approximately 10000 of the dissertation, dissertation coordinator need to provide general guidelines of compiling it.

This module has basically three components:

1. Lectures (15 hours) will be conducted by dissertation coordinator. Topics mainly includes: research design, empirical research methodology, identifying data sources and data collection, data analyzing, writing an abstract, reporting research results, drawing conclusion, format of the dissertation, presenting research results...etc.

2. Each student is given a supervisor (last semester). Students are expected to maintain at least 15 direct contact hours with the supervisor. Supervisor work as the mentor to complete the dissertation.

3. Students are expected to carry out the work independently and complete the dissertation before a specific closing date given by the department.

For further details about the format of the dissertation, please see *Annexure IV*

Course Aim: The aim of the course is to give the students an opportunity to perform a research project within the field of economics under supervision according to an individual study plan and to complete a dissertation.

ILOs: At the completion of the course, students will be able to:

1. Perform a research project according to an individual study plan
2. Show independence, critical and creative thinking
3. Document research results by writing a dissertation

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	Theory hrs	Practical hrs	IL hrs	Teaching /Learning Methods	Assessments
1	1	1	Research design	1		285	L, S	
2	2	1	Empirical research methodology	1			L, S	
3	3	1	Identifying data sources and data collection	1			L, S	
4	4	1	Data analyzing	1			L, S	
5	5	1	Writing an abstract	1			L, S	
6	6	1	Reporting research results	1			L, S	
7	7	1	Drawing conclusion	1			L, S	
8	8	1	Format of the dissertation	1			L, S	
9	9	1	Presenting research results	1			L, S	
10 - 15	10	2 -3	Dissertation supervision	6			L, S	
			Total	15		285		

Abbreviations: L=Lectures, S=Supervision

Assessment Strategy:

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Presentation (*Annexure V*) – 30%

Progress Monitoring & Dissertation (*Annexure VI*) – 70%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching panel: Prof. RPIR Prasanna
Prof. SWGK Bulankulama
Dr. SKN Gamage
Dr. SAU Niranjala
Mrs. AMP Adikari
Mr. HGKN Bandara
Mr. HABW Hettiarachchi
Ms. JMG Lalani
Mrs. KS Denipitiya

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Supervision															
Independent Learning															
Dissertation Submission	after two month of Final Examination														

References:

1. Naoum, S. G. (2012). Dissertation research and writing for construction students. Routledge
2. Denicolo, P., & Becker, L. (2012). Developing research proposals. Sage.
3. Leedy, P. D. and Ormrod, P. D. (2016). Practical Research: Planning and Design. Boston: Pearson Publications

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Course Plan**

Course Title: Internship

Course Code: ECON 42026 (Notional hrs - 600)

SEE ANNEXURE VII

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

Course Title: Digital Economics

Course Code: ECON 42032 (25:10:60)

Course Capsule: Organizations, Importance of platforms and networks, The strategic place of ICT in the modern economy/organization, Basic theory in digital economics: network effects, value creation models, digital business models and, market modelling., Digital economy: privacy, security, the ethical and social impact of ICT initiatives, Information economics in digital markets: introduction to auctions, digital auctions, platform, competition, competition & switching costs, network externalities, pricing in two sides markets, Intellectual property rights: patents, copyrights, trademarks, empirical tools related to IP, The use of ICT within the present and emerging business models, Managing the ICT function within the organization IT, productivity and international convergence, Inter-Organizational information systems: value-adding partnerships and firm boundaries.

Course Aim: To create an awareness of various aspects of the digital economy and the number of competition and regulatory issues related to the digital economy so that students will be able to apply their knowledge to make good decisions regarding various sides of the digital economy. Moreover, the knowledge and skills gained in this course will contribute to students' toolkit necessary for anticipating and shaping the impact of emerging technologies and reacting quickly to changing circumstances in the evolving new global economy.

ILOs: At the completion of the course, students will be able to:

1. Demonstrate knowledge on fundamentals of the digital economy,
2. Explain the theoretical basis of the growth in the digital economy,
3. Familiarize with the nature and extent of the global digital economy at present,
4. Explain and evaluate how the digital economy impacts its surroundings, including privacy and regulations,
5. Evaluate the various challenges that the globalization of digital economy presents,
6. Discuss the global implications of the digital economy development in the future.

Course plan

Week No.	Lesson No.	Related ILO/s	Lesson Title	T	P	IL	Teaching /Learning Methods	Assessments
1	1	1	Introduction to digital economy. What is digital economy? why we study digital economy?	1		4	L, D	
2	2	1	Importance of platforms and networks. The transformation from analogue to digital, transformation of the real economy to digital economy.	2	2	4	L,SR	AS 1 start
3	3	1,3	The strategic place of ICT in the modern economy/organization, the role of technology revolution in the world economy,	2		4	L, D,SR	
4	4	1, 2,3	Industry 4.0 Concept of the “Forth Industrial Revolution”, Technological shifts and disruptions, processes, reengineering, network intelligence	2	3	4	L,SR	AS 1 due
5	5	1,2	Features of digital economy. Knowledge, digitalization, virtualization, molecularization, integration, internet working, disintermediation, convergence, innovation, presumption, immediacy, globalization, discordance.	2		4	L, D	Quiz 1
6	6	1,2	Digital economy ecosystem Evaluation of computer power, infrastructure, data vs. large set of data, software, hardware, robotics, internet of things, cloud computing, e-business vs. e-commerce, e-finance.	3	2	4	L, D,SR	
7	7	2,3	Artificial Intelligence (AI) AI vs. machine learning, AI’s current and potential capabilities, challenges and opportunities created by new AI technology, ethics	2		4	L, D	Quiz 2
8	8	2, 3	Firms and households in the digital economy Basic theory in digital economics: network effects, value creation models, digital business models and, market modelling, changing the structure of consumption, individualization of products and services	2	3	4	L, D	
9	9	2,3	Distributed ledger technology Blockchain’s disruptive potential, financial technology (Fin Tech) and banking, blockchain as an anchor technology for cryptocurrency.	1		4	L, GD	AS 2 start
10	10	5	Digital economy: privacy, security, ethical and social impact of	1		4	L, D,SR	

			ICT initiatives					
11	11	5	Information economics in digital markets: introduction to auctions, digital auctions, platform, competition, competition & switching costs, network externalities, pricing in two sides markets	2		4	L, GD	AS 2 due
12	12	5	Intellectual property rights: patents, copyrights, trademarks, empirical tools related to IP, The use of ICT within present and emerging business models	2		4	L, GD	
13	13	3	Managing the ICT function within the organization, IT, productivity and international convergence	1		6	L,SR	
14	14	6	Inter-Organizational information systems: value-adding partnerships and firm boundaries	1		6	L,SR	
15	15	1,2,3,4,5,6	Wrapping up the course	1			L	
			Total	25	10	60		

Abbreviations: SR=Self Reading, L=Lectures, GD- Group Discussion, D=Discussion, AS=Assignment

Assessment Strategy:

Continuous assessment: Assignments (02) – 20%, Quiz (02) – 20%,	40%
End semester examination	60%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi

Teaching panel: Mr. HABW Hettiarachchi

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Practical		■		■		■		■							
Independent Learning	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Assignments		■							■						
Quizzes					■		■								
Final Exam	after two weeks of study leave														

References:

1. Belleflamme, P. and Martin, P. (2015). Industrial Organization: Markets and Strategies: Cambridge University Press.
2. Juan, J.G. and Gerard L. (2018). Economic Analysis of the Digital Revolution: FUNCAS.
3. Brousseau, E. and Curien, N. (2008). Internet and Digital Economics: Principles, Methods and Applications: Cambridge University Press

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Course Plan

Course Title: Methods of Data Analysis and Computer Application

Course Code: ECON 52042 (15:30:55)

Course Capsule: Introduction to statistical packages SPSS, R, Eview, Stata, MAXQDA, HubSpot, AMOS and Matlab and their Key Features, Data handling: data entry, Diagrammatic representation, Descriptive statistics, Correlation, Testing of hypothesis: parametric, one sample, two independent sample t-test, paired t-test, Regression analysis: simple, multiple regression analysis, Violations of the OLS assumptions and polynomial regression, Introduction to time series analysis and forecasting methods, Analysis of the real-world data by using statistical software and interpret the results, Use of statistical packages in business and economics research Structural equation modeling, Writing programs using R, Stata and Matlab.

Course Aim: The aim of this course is to give students in developing a clear understanding of quantitative data analysis techniques using computer applications. It also will equip students with necessary skills to undertake required statistical analysis using software such as SPSS, R, Eview, Stata, MAXQDA, HubSpot, AMOS and Matlab.

ILOs: At the completion of the course, students will be able to:

1. Assess the correctness and relevance of statistical claims using software
2. Master hypothesis testing and linear regression analysis using various software
3. Demonstrate a higher ability to conduct an independent research project

Lesson sequence

Week No.	Lesson No.	Related ILO/s	Lesson Title	Time (hours)			Teaching/Learning Methods Used	Assessments
				T	P	IL		
1	1.1	1	Introduction to statistical packages SPSS, R, Eview, Stata, MAXQDA, HubSpot, AMOS and Matlab and their Key Features	1	2	2	L, CBT, SR	Q1
2	2.1	1	Data handling: data entry: labeling for dummy numbers, recode into the same variable, recode into different variables	1	2	2	L, CBT, SR	
3	2.2	1	Transpose of data, insert variables and cases, merge variables and cases	1	2	4	L, CBT, SR	
4	3.1	1	Diagrammatic representation: simple bar diagram, multiple bar diagram, pie diagram,	1	2	4	L, CBT, SR	AS 1 start
5	3.2	1	Frequency table, histogram, scatter diagram, box plot.	1	2	4	L, CBT, SR	
6	4.1	1	Descriptive statistics: mean, median, mode, SD, skewness, kurtosis	1	2	4	L, CBT, SR	AS1 due
7	5.1	1	Correlation: Karl Pearson's correlation	1	2	4	L, CBT, SR	Q2
8	6.1	2	Testing of hypothesis: parametric, one sample, two independent sample t-test, paired t-test	1	2	4	L, CBT, SR	
9	7.1	1,2	Regression analysis: simple, multiple regression analysis	1	2	4	L, CBT, SR	
10	8.1	2	Violations of the OLS assumptions and polynomial regression	1	2	4	L, CBT, SR	AS 2 start
11	9.1	1,2	Introduction to time series analysis and forecasting methods	1	2	4	L, CBT, SR	
12	10.1	3	Analysis of the real-world data by using statistical software and interpret the results	1	2	4	L, CBT, SR	AS 2 due
13	11.1	3	Use of statistical packages in business and economics research	1	2	4	L, CBT, SR	Q3
14	11.2	3	Structural equation modeling	1	2	4	L, CBT, SR	
15	12.1	1,2	Writing programs using R, Stata and Matlab	1	2	3	L, CBT, SR	
Total				15	30	55		

Abbreviations: L=Lectures, SGD=Small Group Discussion, SR=Self Reading, CBT = Computer-Based Training, Q = Qui, AS= Assignments

Assessment Strategy:

Continuous assessment: Assignments (02) – 20% Quizzes (03) – 20%	40%
End semester examination	60%
Total	100%

Course Coordinator: Prof.SKN Gamage
Teaching panel: Prof. SKN Gamage

Course Organizer:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Practical work															
Assignments															
Quiz															
Final Exam	after two weeks of study leave														

References:

1. Aljandali, A. and Tatahi, M. (2018). Economics and Finance Modelling Using Eviews - A Guide for Students and Professionals: Springer.
2. Kohler, U. and Kreuter, F. (2012). Data Analysis Using Stata: Stata Press
3. Manuals of various software

Department of Economics
Faculty of Social Sciences and Humanities
Rajarata University of Sri Lanka
Course Plan

- Course Title:** Path to Competitive Examinations
- Course Code:** ECON 42052 (30:00:70)
- Course Capsule:** General interligence; Social, economic, political backgrounds and trend in Sri Lanka; Social, economic, political backgrounds and trend in the world; Manegerial aptitudes; Creative, analytical and communicative skills; Reasoning ability and quantitative aptitude; English language; Computer knowledge; General awareness
- Course Aim:** The overall aim of this course is to provide required traning for students to take govenment/private sector competitive examination in the job market.
- ILOs:** At the completion of the course, students will be able to:
1. Apply the skills needed to take competitive examinations in Sri Lanka
 2. Enhance further their IQ skills and problem solving ability
 3. Develop their critical thinking and evidence based reasoning

Course plan

Wee k No.	Lesson No.	Related ILO/s	Lesson Title	Theory hrs	Practi cal hrs	IL hrs	Teaching /Learning Methods	Assessment Method
3.	1		General intelligence	2		5	L, SGW	
2 & 3	2		Social, economic, political backgrounds and trend in Sri Lanka	4		10	L	
4 & 5	3		Social, economic, political backgrounds and trend in the world	4		10	L	
6 & 7	4		Managerial aptitudes	4		5	L	AS1 start
8 & 9	5		Creative, analytical and communicative skills	4		10	L	
10 & 11	6		Reasoning ability and quantitative aptitude	4		10	L	AS1 due
12 & 13	7		English language	4		10	L	AS 2 start
14	8		Computer knowledge	2		5	L	
15	9		General awareness	2		5	L	AS2 due
			Total	30		70		

Abbreviatio

ns: L=Lectures, SGW=Small Group Work, SR=Self Reading, AS= Assignment

Assessment Strategy:

Continuous assessment:	50%
End semester examination	50%
Total	100%

Course Coordinator: Mr. HABW Hettiarachchi**Teaching panel:** Mr. HABW Hettiarachchi**Course Organizer:**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Theory															
Independent Learning															
Assignments															
Final Exam	after two weeks of study leave														

References:

1. Bellingham, J. (2013). How To Succeed In IQ Tests. India. Academic (India) Publishers.
2. Carlton ,S. (2003). Mensa How to Excel at IQ Tests. Carlton Books.
3. Various articles, websites, reports will be recommended by the course coordinator

ANNEXURE I

General Guidelines for Writing a Research Proposal Research Project - Part 1

1. Initial pages: Covering Page and Content Page
2. Section outlines are given in the following Table

Introduction	Background Objectives and Problem Statement Research Questions and Hypotheses Significance of the Problem	The introduction describes the research problem or research question and lays out the reasoning behind it. It justifies the study, in terms of a need for the information it will provide <i>Max 4- 5 pages</i>
Literature Review	Author may organize literature according to a particular order. Ex. Chronological order	This section reviews what has already been written in the field on the topic of the research. The literature cited should support the theoretical argument being made and demonstrate that the author has a grasp of the major ideas and findings that pertain to his or her topic. <i>Max 8-10pages</i>
Methodology	Underline Theory Research Design Empirical Models Data Collection Method	The method Section should give sufficient detail about the methodology used in the study. <i>Max 4-5 pages</i>
References		A citation is a way of giving credit to individuals for their creative and intellectual works that you utilized to support your research. It can also be used to locate particular sources and combat plagiarism. Typically, a citation can include the author's name, year, article/book name and location of the publishing company, journal title, or DOI (Digital Object Identifier) APA (American Psychological Association or Chicago/Turabian style is recommended.
Overall		Approximately 4000/5000 words except references and initial pages. Font size 12, Time New Roman, 1.5 Space and 1" margin. Headings may have 13/14 (FS) Approximately 20 pages

Note: Sections in the research proposal may often include, but are not limited to the above mentioned sections.

ANNEXURE II
Research Project - Part 1: Proposal Presentation

Confidential!

Rajarata University of Sri Lanka
Department of Economics
ECN 4098: Proposal Presentation Evaluation: Year-.....

MARKS RETURN SHEET

Instruction to Evaluators

1. There will be two evaluators per session and each will evaluate independently.
2. Total time per presentation – 15 (oral presentation up to 10 minutes plus discussion 05 minutes)

Please fill in the details below:

Student Name:

Reg: No:

.....

Date:

Time

used:.....

	Criterion	Marks Awarded
1.	Technical Content (15 Marks)	
	1.1 Introduction: background, the problem being investigated (objectives / questions /hypotheses), justification for the study are clear	
	1.2 Literature review: very relevant and extremely reliable	
	1.3 Theoretical/ conceptual framework: appropriate	
	1.4 Methodology: highly suitable for achieving the study objectives	
	1.5 Originality/ significance of the project	
2.	Organization of the Presentation (15 Marks)	
	2.1 Structure of the presentation: title, objectives, theoretical/ conceptual framework, methodology, originality and significant of the study	
	2.2 Clear, catchy slides, not over crowded	
3.	Delivery (50 Marks)	
	3.1 Voice/clarity	
	3.2 Eye contact with the participants/ engaged with audience	
	3.3 Command of language/ avoiding jargon	
	3.4 No over dependence on notes	
	3.5 Body language/ gesture	
	3.6 Professionalism/ dressing code/ smartness	
4.	Response to Questions (15 Marks)	
	4.1 Knowledge of subject	
	4.2 Manner of answering: able to defend accurately/ sticking to the point	
5.	Overall Performance including time management (5 Marks)	
<i>Total marks awarded (out of 100): Weight for the final grading 30 marks</i>		

.....
.....
Name of the Evaluator

Evaluator's signature

ANNEXURE III
Research Project - Part 1: Proposal Evaluation

Confidential!

Rajarata University of Sri Lanka
Department of Economics

ECN 4098: Proposal Evaluation: Year-.....

Registration No:.....

MARKS RETURN SHEET

Criterion		Marks Awarded
1. Introduction (20 Marks)	<i>Is the background of the study clear? How well does it prepare the reader for the literature review? Does the research problem flow from the gaps in knowledge? Are the objectives clear and “significant”? Is the importance of the study clear? is there any theoretical or conceptual framework?</i>	
2. Literature Review (30 Marks)	<i>How relevant, adequate and up-to-date is the review? Does it synthesize the literature effectively? Are the research gaps clearly identified? Do the student’s own views and judgments come through?</i>	
3. Methodology (30 Marks)	<i>Is the methodology justifiable in terms of (a) the literature,(b) practicality, and/or (c) ability to achieve objectives? Is the data / variable adequately described, is the data collection method explained clearly?</i>	
4. Miscellaneous - Formatting & references (20 Marks)	<i>Spacing, font-size, citing of literature in the text, footnotes and endnotes, length of the proposal, organization of material List of References Does it follow the prescribed format? Is it consistent? Does it include all the citations in the text and footnotes/endnotes?</i>	
Total marks (%)		

Note: Weight for the final grading 70 marks

Marking: **First** **Second** **Third** (tick appropriately)

Examiner’s Name

Examiner’s signature

ANNEXURE IV

General Guidelines for Writing a Dissertation

1. Initial pages: Format is given (See Annex VIII)
2. Chapters Outlines are given in the following Table

Chapter 1	Introduction	Background Objectives and Problem Statement Research Questions and Hypotheses Significance of the Problem Chapter Outline	The introduction describes the research problem or research question and lays out the reasoning behind it. It justifies the study, in terms of a need for the information it will provide.
Chapter 2	Literature Review	Author may organize literature according to a particular order. Ex. Chronological order	This chapter reviews what has already been written in the field on the topic of the research. The literature cited should support the theoretical argument being made and demonstrate that the author has a grasp of the major ideas and findings that pertain to his or her topic.
Chapter 3	Methodology	Underline Theory Research Design Empirical Models Data Collection Method	The method chapter should give sufficient detail about the methodology used in the study.
Chapter 4	Results and Discussions	Sub Topics need to be identified according to the requirement	This chapter presents the results of the analyses, usually in order by research question. Results are interpreted in light of the research questions and discussed in conjunction with other literature
Chapter 5	Conclusions and Policy Implications	Conclusion Policy Implications Limitations Further Research	Conclusions, Implications, Limitations of interpretation and implications for further research may be presented.
References			A citation is a way of giving credit to individuals for their creative and intellectual works that you utilized to support your research. It can also be used to locate particular sources and combat plagiarism. Typically, a citation can include the author's name, year, article/book name and location of the publishing company, journal title, or DOI (Digital Object Identifier) APA (American Psychological Association or Chicago/Turabian style is recommended.
Annexures			Need numbering (Roman)

Note: Chapters in the dissertation may often include, but are not limited to the above mentioned chapters.

3. Additional Information

Abstract	The abstract is bound with the dissertation. The maximum length of the dissertation abstract is 350 words, including the dissertation title. Font size 12, Time New Roman, Single Space and 1" margin.
Font (Main Text)	Use a standard font (Time New Roman) consistently throughout the Dissertation. Font size should be 12 (main text) to 14 (Headings) point for all text, including titles and headings. It is permissible to change point size in tables, figures, captions, footnotes, and appendix material
Margins	Measure the top margin from the edge of the page to the top of the first line of text. Measure the bottom page margin from the bottom of the last line of text to the bottom edge of the page. Page margins should be a minimum of 1.25 inch from top, bottom, left and right
Spacing	The entire text should be double-spaced. Block quotations, footnotes, endnotes, table and figure captions, titles longer than one line, and individual reference entries may be single-spaced. Double spacing should follow chapter numbers, chapter titles and major section titles.
Tables and Figures	Figures commonly refer to photographs, images, maps, charts, graphs, and drawings. Tables generally list tabulated numerical data. These items should appear as close as possible to their first mention in the text. Numbering Tables and Figures with short headings are required.

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ANNEXURE V
Research Project - Part II: Dissertation Presentation
Rajarata University of Sri Lanka
Department of Economics
ECN 4099: Proposal Presentation Evaluation: Year-.....

MARKS RETURN SHEET

Instruction to Evaluators

1. There will be two evaluators per session and each will evaluate independently.
2. Total time per presentation – 25 (oral presentation up to 15 minutes plus discussion 10 minutes)

Please fill in the details below:

Student Name:

Reg: No:

Date:

Time Used:.....

	Criterion	Marks Awarded	
1.	Technical Content (20 Marks)		
	1.1	Research problem / objectives/ hypotheses clarity	
	1.2	Appropriateness of research method	
	1.3	Preliminary results are significance	
	1.4	Preliminary conclusion/policy implications validity	
	1.5	Originality	
	1.6	Significance of the project	
2.	Organization of the Presentation (20 Marks)		
	2.1	Structure of the presentation: title, objectives, methods, empirical results, main findings, implications	
	2.2	Smooth transitions between topics/ logical flow of ideas/ presentation	
	2.3	Clear, catchy slides, not over crowded	
	2.4	Contribution of colours/ pictures/ tables to understanding	
3.	Delivery (40 Marks)		
	3.1	Voice/clarity	
	3.2	Eye contact with the participants/ engaged with audience	
	3.3	Command of language/ avoiding jargon	
	3.4	No over dependence on notes	
	3.5	Body language/ gesture	
	3.6	Professionalism/ dressing code/ smartness	
4.	Response to Questions (15 Marks)		
	4.1	Knowledge of subject	
	4.2	Manner of answering: able to defend accurately/ sticking to the point	
5.	Overall Performance (5 Marks)		
Total marks awarded (out of 100): Weight for the final grading 70 marks			

.....

.....

Name of the Evaluator

Evaluator's signature

Confidential!

ANNEXURE VI
Research Project - Part II: Dissertation Evaluation
Rajarata University of Sri Lanka
Department of Economics
ECN 4099: Proposal Presentation Evaluation: Year-.....
Registration No:.....

MARKS RETURN SHEET

Criterion		Marks Awarded
1. CREATIVITY & INTELLECTUAL STRENGTH (70 %)		
1.1 Introduction (5Marks)		
1.2 Methodology (10Marks)	(a) clear, can justify from literature/its suitability pertaining to the objectives of the study	
	(b) clearly describes data, data sources, & survey area (for primary data)	
1.3 Literature Review (10 Marks)	complete, up-to-date, correct identification of research gaps, very relevant and comprehensive	
1.4 Originality - clearly demonstrates original work, and acknowledges others' work appropriately (5Marks)		
1.5 Analysis & Discussion (30 Marks)	(a) applies statistical tools/logical reasoning correctly, interpreted results correctly, used evidence to support arguments	
	(b) depth of analysis and its scope, ability to achieve all the objectives	
1.6 Conclusion and Implications (10 Marks)		
2. ORGANIZATION/COHERENCE/GOOD STRUCTURE (20 Marks)		
2.1 Chapter arrangement has a logical sequence & within each chapter, a logical flow of ideas		
2.2 Introduction – gives sufficient background, motivates reader, gives clear idea of research objectives, and shows how each chapter fits into the next		
2.3 Concluding chapter – summarizes study, presents main findings and conclusions briefly but clearly, mentions shortcomings and suggests how study can be improved		
3. PRESENTATION/QUALITY OF WRITING/CORRECTNESS (10 Marks)		
3.1 Expresses ideas using diagrams, charts, etc. correctly, where necessary		
3.2 Sentences are grammatically constructed, spelling is correct, omits needless words and avoids awkward/confusing sentences, punctuation is correct		
3.3 Reference list complete and cited in a consistent manner in body of text; footnotes/endnotes, if any, are presented consistently		
Total marks (%)		

Note: Weight for the final grading 70 marks

Marking: First Second Third (tick appropriately)

Examiner's Name

Examiner's signature

Date:

ANNEXURE VII

Format for the Internship

Field Training (Internship): Field Training is a supervised practical learning experience and run at least 24 weeks (six month full time-approximately 768 working hours - 4 days per week) to provide BA students an opportunity for significant working experience. It involves an agreement among the student, department coordinator and host supervisor to establish learning goals, determine activities and evaluation of the experience. Students are expected to work closely with skilled practitioners, community members and others, to gain sufficient work experience. Students will be expected to produce a practitioner report as an output of their internship and make a presentation for completing field training.

Completing Field training will allow students to receive 6 credits for their degree. This is awarded at the rate of one credit for approximately every 100 hours of employment (upper limit: $8*4*4*6=640$). Normal grading system of the courses is applied. Students are expected to work only 4 working days in the assigned place¹.

Aims and Objectives: The field training aims to expose students to the realities of work-life and give them an opportunity to integrate and apply knowledge and practical skills acquired in the program in a real world setting. It provides students the opportunity to gain practical skills in the field in a public, private or non-governmental organization.

For Economics Special students, Field Training can provide:

1. Opportunities to apply previously learned knowledge and skills in a practical work environment
2. Opportunities to acquire new knowledge and skills
3. An experience that promotes self-confidence, maturity and responsibility
4. Opportunity to develop communication, technical and interpersonal skills
4. Opportunity to realistic involvement in a professional field
5. Opportunity to prepare for an intelligent career choice
6. Opportunity to explore career avenues

Intended Learning outcomes (ILO): On successful completion of the field training, students will be able to: Gain a first-hand understanding of key issues and learn basic technical skills; Incorporate knowledge and skills to design and/or implement development projects; Integrate knowledge of cross-sectoral issues, local insights and community participation into the development process in the country; Communicate effectively with the relevant actors working in the local development context; Communicate effectively on technical details with experts in other disciplines.

Structure of the Field Training: Field training process starts at the end of the first semester of final year (4th year). Students are required to communicate with the field training coordinator (appointed by the dean / head) and arrange a suitable place and task for the field training. Students start the field training after completing their end semester examination of the first semester. It is a responsibility of the field training coordinator to arrange the possible public or private sector organizations/ non government organizations for undertaking the field training. Each student must have a designated site supervisor (external) who is responsible for providing guidance and supervision. External supervisor should be someone who will be available to the student on a regular basis, and who possesses expertise in the area in which the students will work. The external supervisor serves as a teacher, mentor, critic, and boss. After the training period, external supervisor need to submit a report (Format is given in the last page)

¹ One day has been allocated to the online lectures

indicating his/her satisfactory level about the students. Closing dates and essential activities related to the Field Training (FT) process are summarized in Table 1.

Table 1: Field training process

Closing dates	Activities	Details
Before stating	Communicate with the FT coordinator	Students should discuss their intentions with FT coordinator
End of second week (after starting)	Need to submit two pages activity plan	Starting date, ending date, name of the organization, supervisor...etc
End of three months (after starting)	Need to submit a self written progress report	Progress, deviation from initial plan, future plan
End of six months (after starting)	Need to do the presentation Need to submit the final report Need to submit the external supervisor's evaluation report	See the evaluation for more details

Responsibilities of Students During the Field Training:

Students should:

1. Adhere to agency policies, procedures, and rules governing professional behavior
2. Be punctual, and work the required number of hours
3. Notify their supervisor if they are unable to attend as planned
4. Behave and dress appropriately to the particular workplace
5. Respect the confidentiality of the workplace, its clients and its employees
7. Discuss any problems with their supervisor and, if necessary, with the FT coordinator

Role of the coordinator and academic supervisor:

1. Arrange the suitable places for students
2. Help identify appropriate field training activities
3. Monitor progress, identify issues and assist student to address them
4. Evaluate the practitioner report
5. Participate in the panel evaluating the summary presentation

Role of the Internship organization (and external supervisor):

1. Facilitate the student's entry into the team
2. Provide appropriate training opportunities
3. Provide access to office staff
4. Provide access to required information
5. Provide advisories on safety, personnel and institutional rules for staff
6. Provide a mentor/supervisor for the students

Evaluation: Internship activities will vary widely across placements. However, all internships should provide students with opportunities to engage in experiential learning and professional skill-building, in line with the aforesaid objectives and intended learning outcomes. Evaluation is important as it is allocated six (06) credits for their results. It is helpful if supervisors evaluate throughout the entire internship, not just at the end. The evaluation should be planned as a learning experience and the process of evaluation is given in Table 2.

Table 2: Evaluation process

Criteria	Assessment	Who marks?	Basis	Marks
1.	Progress	Supervisor	Number of activities, depth of activities, communication, evaluation report of the employer	10
2.	Presentation	Panel	Quality of slides, Answering questions, Time management, Content and leadership skills	40
3.	Final Report	Supervisor and another examiner	Organization, Clarity, Conclusions Contribution made Lessons learned	50
Total				100

Note: i. Panel includes three members (excluding supervisor)

ii. Marks for the presentation are the average of the set of marks given by a panel of lecturers at the FT workshop. Marks of the final report is the average of two evaluators.

iii. Presentation guidelines were: 15 slides; 2-3 summary slides factual & descriptive describing where they were, what they were doing; 12-13 slides of analysis include what they learnt, Was it an innovation, were there challenges? Critical evaluation in outcome, how effective, how each course was applied? Difficulties in integrating all areas. Total time is 20 minutes.

iv. Format for the final report is given in Table 3.

Table 3: Guidelines for final report

Item	Guidelines
Covering page	Details of the organization as well as student
Medium	English
Size	10 to 15 pages (A4) with single spacing, 2.5 cm margins
Content	Introduction, Key Responsibilities and Work Undertaken, Contribution Made and Lessons Learned, Conclusion
Closing Date of submission	After one week from the end date of field training period

**BA in Economics Degree Program: Field Training
Rajarata University of Sri Lanka, Sri Lanka**

Employer Evaluation of Intern

Name of internship organization:.....

Name of individual completing evaluation:.....

Designation of individual completing evaluation:.....

Interns Name:

Period of Internship:.....

TO THE SUPERVISOR: Please complete this evaluation

	Outstanding	Very Good	Good	Poor	Notes
Complete assignment accurately and thoroughly					
Demonstrated responsibility					
Demonstrated initiative and independence					
Demonstrated ability to acquire new skill					
Demonstrated ability to communicate					
Demonstrated ability to develop creative solutions					
Demonstrated ability to complete tasks in a timely manner					
Interacted well with other workers					
Consistent and punctual in attendance					
Overall impression					

Note: Please assess the intern's growth in knowledge and skills as a result of the internship, and add any comments that will help the faculty member in evaluating the student.

Signature of Supervisor:

Date:..... Stamp:.....