



UNIVERSITY OF CAMBODIA
MASTER'S DEGREE PROGRAMS

1. DEGREE PROGRAMS

The University of Cambodia offer the following Master's Degree Programs:

- I. College of Arts, Humanities and Languages**
 - Teaching English as Foreign Language (MA)
- II. College of Education**
 - Educational Administration (MA)
- III. College of Law**
 - International Law (MA)
- IV. Tony Fernandes School of Business**
 - Finance (MBA)
 - Economics (MBA)
 - Human Resource Management (MBA)
 - Marketing (MBA)
 - Management (MBA)
 - Accounting (MBA)
 - Hospitality and Tourism Management (MBA)
 - International Business (MBA)
- V. College of Science and Technology**
 - Computer Science (MS)
 - Electronics and Telecommunication (MS)
 - Information Technology (MS)
- VI. College of Social Sciences**
 - Development Studies (MA)
 - Political Science (MA)
 - Peace Studies (MA)
- VII. Techo Sen School of Government and International Relations**
 - Public administration (MA)
 - Public policy (MA)
 - International relations (MA)
 - Asean studies (MA)
 - Diplomacy and negotiation (MA)
 - Public management (MA)

2. COURSE DESCRIPTIONS



I. COLLEGE OF ARTS, HUMANITIES AND LANGUAGES

The recent decades of war and internal conflict have only turned Cambodia into one of the poorest countries in the world, despite an abundance of natural resources. And, in spite of improvements in the human resources sector since 1979, social indicators are still at a low level compared with neighboring countries.

There is thus the need to promote the development and maturation of the latent potential of Cambodia's human resources, through nurturing of the intellectual development of our people. This requires the continued development of an education system which can adapt and use the most appropriate modern pedagogical approaches in order to maximise returns on the investment (monetary and otherwise) made by both the education system and students. In addition, as part of their armamentarium, administrators need to be competent in various other areas associated with the running and improvement of existing and anticipated educational services.

We offer a Master's program in Teaching English as a Foreign Language. The aim of this program is to produce teachers who can help Cambodians to enter into, and then compete on, the global marketplace, where English is increasingly important as a transnational language.

DEGREE OFFERING

1- TEACHING ENGLISH AS FOREIGN LANGUAGE (MA in TEFL)

1. TEACHING ENGLISH AS FOREIGN LANGUAGE

This is designed for professionals with Bachelor's degree in English and at least three years' experience in English Language Teaching (ELT). Applicants with a Bachelor's degree in other fields who have taught English for three years may be accepted, but will be required to take additional courses in English.

The course aims to provide a practical foundation in ELT methodology with a strong basis on the theoretical concepts in Teaching English as a Foreign Language; and principles of education that will help enhance the participants' knowledge of the English language and their teaching skills for a more meaningful teaching career.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
EFL600	Advanced Philosophy of Education	3
EFL610	Introduction to Linguistics	3
EFL632	Principles of Supervision	3
EFL633	Educational Sociology	3
EFL634	Educational Evaluation	3
EFL635	Methodology in Language Teaching	3
<i>Elective Courses (12 Credits)</i>		
EFL636	Legal and Ethical Issues in Education	3
EFL640	Language and Culture	3
EFL642	Curriculum Planning and Change	3
EFL645	Information Technologies and Language Learning	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
EFL614	Strategies in Teaching Grammar and Composition	3
EFL616	Human Resource Management in Education	3
EFL647	Comparative Linguistics	3
CAP601	Capstone (Seminars, etc.)	3
EFL-MRP	Master's Research Paper	--
EFL-CEX	Master's Comprehensive Exam	--



II. COLLEGE OF EDUCATION

The recent decades of war and internal conflict have only turned Cambodia into one of the poorest countries in the world, despite an abundance of natural resources. And, in spite of improvements in the human resources sector since 1979, social indicators are still at a low level compared with neighboring countries.

There is thus the need to promote the development and maturation of the latent potential of Cambodia's human resources, through nurturing of the intellectual development of our people. This requires the continued development of an education system which can adapt and use the most appropriate modern pedagogical approaches in order to maximise returns on the investment (monetary and otherwise) made by both the education system and students. In addition, as part of their armamentarium, administrators need to be competent in various other areas associated with the running and improvement of existing and anticipated educational services. Our graduate program in Educational Administration aim to fulfill this basic, and urgent, need.

DEGREE OFFERING

1- EDUCATIONAL ADMINISTRATION (Med)

1. EDUCATIONAL ADMINISTRATION

This program is designed mainly for those with a Bachelor's degree in Education. Applicants with degrees in other fields and at least two years experience in teaching may be accepted into the program upon submission of certification of their teaching.

The aim of the Master's program in Educational Administration is to facilitate an individual's transition from an active classroom life to one where they play a greater role, as managers, in the organization and development of teaching activities.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
EAD600	Advanced Philosophy of Education	3
EAD611	Financial Management in Education	3
EAD619	Educational Management Information Systems	3
EAD632	Principles of Educational Administration	3
EAD633	Educational Sociology	3
EAD634	Educational Evaluation	3
<i>Elective Courses (12 Credits)</i>		
EAD635	Curriculum Planning and Change	3
EAD636	Legal and Ethical Issues in Education	3
EAD641	Educational Policy and Planning	3
EAD646	Educational Change	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
EAD616	Human Resource Management in Education	3
EAD617	Organizational Behavior	3
EAD645	Educational Facilities Planning & Management	3
CAP601	Capstone (Seminars, etc.)	3
EAD-MRP	Master's Research Paper	--
EAD-CEX	Master's Comprehensive Exam	--



III- COLLEGE OF LAW

As Cambodia recovers from its traumatic past, and thereby modernizes and interacts more regionally and globally, there is an ever-growing need for professionals with an in-depth knowledge of our own country's rules of law; Cambodian and international regulations governing trade and commerce between countries; international conventions on the environment, labor, intellectual property, human rights; and also dispute resolution. Such knowledge is important for both policy development and advocacy work within Cambodia.

The graduate programs of the College of Law are designed to meet the requirements of students who already have a Bachelor's degree in Law but who need to have more in-depth, specialized knowledge on various legal matters. Reflecting the University's various areas of focus in the Social Sciences (e.g. in International Relations, Peace Studies or Political Science), the present graduate programs in the College of Law deal with various aspects of international law.

DEGREE OFFERING

1- INTERNATIONAL LAW (LLM)

Note: LLM – Master's Degree

1. INTERNATIONAL LAW

The Program aims at familiarizing participants with the main schools of thought pertinent to the understanding of present international law and the many new concerns that have emerged in international society as it evolves towards more organized forms of cooperation. Among such new concerns the Program will include the discussion of international legal developments characterizing the present-day international community, including the maintenance of international peace and security and specialized areas such as the law of the sea, the law governing polar areas and international environmental law.

The specific objectives of the course as follows:

- To provide systematic knowledge and information on the important legal doctrines and frameworks of the law and practice of public international law, international organizations, in particular the United Nations, international criminal law, human rights and their mechanisms of implementation, international economic law, dispute settlement, global governance, international law and development, and the way that international law addresses such issues as human rights, environmental policy, terrorism, and war.
- To offer a theoretical appreciation of underlying ideas in the field of international law and the settlement of disputes, this includes a critical orientation, discovering the challenges and

potentials of international law and dispute settlement, including providing a multi-disciplinary appreciation of the field of international law and the settlement of disputes.

- To provide a background that enables students to translate their skills to operate effectively in governments, non-governmental organizations, or international institutions.
- To respond to the demands and challenges faced by students, scholars, university professors and practitioners who are continuing their education and mid-career professionals who are working in national or international governmental or non-governmental organizations and private enterprises.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- a research thesis (12 credits); or
- four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
LAW504	Introduction to International Law	3
LAW508	United Nations	3
LAW511	International Trade Law	3
LAW513	International Human Rights Law	3
LAW514	International Law and the State	3
LAW515	Law of Treaty	3
<i>Elective Courses (12 Credits)</i>		
LAW516	Global Environmental Governance	3
LAW607	Negotiation and Conflict Resolution	3
LAW621	Law of the Sea	3
LAW684	International Relations	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
LAW602	Politics in Developing Areas	3
LAW617	Sociology of Human Rights	3

LAW627	International Development Law and Policy	3
CAP601	Capstone (Seminars, etc.)	3
ILA-MRP	Master's Research Paper	--
ILA-CEX	Master's Comprehensive Exam	--



IV- TONY FERNANDES SCHOOL OF BUSINESS

The Tony Fernandes School of Business (formerly the College of Public and Business Administration) has a threefold mission:

1. to attract, educate, and train high-quality individuals to become ethical leaders in the public and private sectors
2. to do research so as to advance knowledge, by using strong conceptual foundations to identify and solve management problems; and by focusing on national, regional, and global issues relevant to Cambodia's needs for future development and further stabilisation as an independent, self-contained sovereign state in the global arena.
3. to act as a focal point for developing the capacity of Cambodia's human resources in the fields of management, accounting, and economics.

To this end, the College of Management offers graduate students the opportunity to develop in-depth knowledge and insights into their selected area of specialisation, through training in useful analytical and quantitative skills relevant to their interests and career objectives.

DEGREE OFFERINGS

We offer a set of degrees in Business Administration which allows specialisation in various areas of interest:

1. Accounting
2. Economics
3. Finance
4. Hospitality and Tourism Management
5. Human Resource Management
6. International Business
7. Management
8. Marketing

Note: MBA - Master's Degree

1. ACCOUNTING (MBA)

The Master's of Business Administration program in Accounting is designed for students who expect to eventually hold or currently holding managerial position in large or small organizations in the field of Accounting or independent practice of public accounting, controllership and accounting management. The program thus offers the updated accepted accounting principles and international standards that are use by global firms and organizations.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or

- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
ACC630	Advanced Taxation	3
ACC631	Advanced Auditing	3
ACC633	Advanced Financial Accounting	3
ACC634	Financial Statement Analysis	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
ACC632	Assurance Services	3
BUS633	Risk Investment Management I	3
BUS634	Risk Investment Management II	3
CAP601	Capstone (Seminars, etc.)	3
ACC-MRP	Master's Research Paper	--
ACC-CEX	Master's Comprehensive Exam	--

2. ECONOMICS (MBA)

The Master's of Business Administration program in Economics is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector as economists, with an in-depth understanding and exposure of the general economic theories and their application to real-world situations. A very good opportunity to explore as with great emphasis is on the economic development and regional and international integration which include trade negotiations and agreements.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
ECN506	Managerial Economics	3
ECN507	International Economics	3
ECN509	Public Economics	3
ECN650	International Trade Theory	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
ECN508	Economics of Labor Markets	3
ECN541	Economic Development	3
ECN659	Economics of Financial Markets	3

CAP601	Capstone (Seminars, etc.)	3
ECN-MRP	Master's Research Paper	--
ECN-CEX	Master's Comprehensive Exam	--

3. FINANCE (MBA)

The Master's of Business Administration program in Finance is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector in the field of finance. The program focus is on both theoretical and practical knowledge on the fast-phase changing condition in the financial services industry. Thorough analysis of the financial institutions' effect, benefits and relationship to the development of the country through case analysis, problem solving techniques and research of the present situation in the country, region and global financial services industry is greatly stressed to smooth the progress of the students in terms of decision making.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
BUS630	Financial Accounting	3
BUS631	Management of Financial Institutions	3
BUS633	Risk Investment Management I	3
BUS634	Risk Investment Management II	3
<i>Option I: Research Thesis (12 credits)</i>		

RPT601-4	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
ACC634	Financial Statement Analysis	3
BUS611	Introduction to Electronic Commerce	3
BUS632	Personal Finance and Equities	3
CAP601	Capstone (Seminars, etc.)	3
FIN-MRP	Master's Research Paper	--
FIN-CEX	Master's Comprehensive Exam	--

4. HOSPITALITY AND TOURISM MANAGEMENT (MBA)

The Master's of Business Administration program in Hospitality and Tourism Management is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector in the field of hospitality and tourism. As one of the largest industry in the country, Cambodia is in dire need to put enormous importance on this industry, therefore theoretical and practical knowledge application to fully understand the factors of well managed hospitality and tourism industry is with major concern, considering the technology and other tools of connectivity to serve not only the local, regional but the global clientele.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (18 Credits)		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
Elective Courses (12 Credits)		

HTM654	Current Issues in Global Hospitality and Tourism Management	3
HTM655	Hospitality and Tourism Finance and Revenue	3
HTM656	Franchising and Chain Management in Hospitality and Tourism Management	3
HTM657	Hospitality and Tourism Systems and Policy Formulation	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
BUS611	Introduction to Electronic Commerce	3
BUS612	Consumer Behavior	3
BUS662	Customer Relationship Management	3
CAP601	Capstone (Seminars, etc.)	3
HTM-MRP	Master's Research Paper	--
HTM-CEX	Master's Comprehensive Exam	--

5. HUMAN RESOURCE MANAGEMENT (MBA)

The Master's of Business Administration program in Human Resource Management is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector in the field of human resource management. With the tough competition of getting people with the right skills at the right time is a big challenge to many organizations, therefore the center of concentration is to learn and understand people's behavior, background and experience to fully utilize their knowledge and skills for the better implementation of organization's or company's goals. The program is also considering the massive increase of diversity in the workforce that can be seen in Cambodia and in the international labor market condition, on that issue, thorough discussion of the process in carefully hiring, training and development, and retain human resources is with great concern.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		

BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
BUS603	Managing Human Resources	3
BUS620	Recruitment and Selection	3
BUS622	Labor and Industrial Relations	3
BUS623	Training and Development	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
BUS624	Strategic Human Resource Management	3
BUS625	Occupational Health and Safety	3
BUS626	Compensation and Benefits	3
CAP601	Capstone (Seminars, etc.)	3
HRM-MRP	Master's Research Paper	--
HRM-CEX	Master's Comprehensive Exam	--

6. INTERNATIONAL BUSINESS (MBA)

The Master's of Business Administration program in International Business is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector in the field of international business. As globalization is widely brought awareness to the businesses to not only think locally but globally, this program is focusing on strategies, techniques in problem solving and adapting business to country's culture, economic and political condition plus the importance of technology. Regional and global integration resulted to trade agreements that could impact to international business is also highlighted, in addition is about the competitive advantage that international businesses must have to succeed.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
BUS610	International Marketing	3
BUS651	International Business Strategies	3
BUS652	Management of Global Sourcing	3
ECN507	International Economics	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
BUS653	International Finance and Investment	3
ECN650	International Trade Theory	3
ECN651	International Monetary Theory	3
CAP601	Capstone (Seminars, etc.)	3
IBU-MRP	Master's Research Paper	--
IBU-CEX	Master's Comprehensive Exam	--

7. MANAGEMENT (MBA)

The Master's of Business Administration program in Management is designed for students who expect to eventually hold or currently holding managerial position in the public or private sector, and small or large organizations. The universality of management exists, therefore in this program the concentration is on the discussion of business theories and practices, technological applications, analyzing strategies and techniques through case studies and research to fully equip students in the current trends and key business disciplines which are important in the implementation of strategic plans to achieve organizational goals.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
BUS606	Strategic Management and Business Policy	3
BUS607	Production and Operations Management	3
BUS649	Project Management	3
BUS651	International Business Strategies	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
BUS601	Marketing Management	3
BUS603	Managing Human Resources	3
BUS647	Management of Change	3
CAP601	Capstone (Seminars, etc.)	3
MAN-MRP	Master's Research Paper	--
MAN-CEX	Master's Comprehensive Exam	--

8. MARKETING (MBA)

The Master's of Business Administration program in Marketing is designed for students who expect to eventually hold or currently holding managerial position in the private sector, and in small or large organizations in the field of marketing. Economic development, increasing investments, growing demands, and consumer's literacy need a very good way of informing the public about your product (goods or services). An in-depth understanding of the principles and practices of marketing, in addition is the ethical way of doing it is with emphasis in this program. The program promotes the detailed role of marketing within the organizational context, its significance in the profit maximization and welfare of its stakeholders.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
<i>Elective Courses (12 Credits)</i>		
BUS601	Marketing Management	3
BUS610	International Marketing	3
BUS614	Advertising and Promotion	3
BUS661	Brand Marketing	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
BUS612	Consumer Behavior	3
BUS662	Customer Relationship Management	3

BUS664	Public Relations	3
CAP601	Capstone (Seminars, etc.)	3
MKT-MRP	Master's Research Paper	--
MKT-CEX	Master's Comprehensive Exam	--



V- COLLEGE OF SCIENCE AND TECHNOLOGY

In various forms, science and technology have played a pre-eminent role in the development of all major civilisations. This has particularly been the case in the past century, and together they promise to be of ever-increasing importance for our lives in the present century.

As with the rest of the world, Information Technology is a key for Cambodia's future development and integration into the international community. To this end, we offer a program which will benefit participants in pursuing this endeavour.

Students with a graduate degree from the Science and Technology Department find ready employment in almost any area of computer use: managing networks, developing software solutions, or designing systems for organizations, businesses, and government institutions as well as in teaching.

DEGREE OFFERINGS

1. Computer Science (MS)
2. Electronics and Telecommunication (MS)
3. Information Technology (MS)

1. COMPUTER SCIENCE (MS)

Computer Science (CS) This concentrates on computer and network hardware systems, their design and management, and programming principles and languages.

Computer Science is the science of using computers to solve problems. Mostly, this involves designing software (computer programs) and addressing fundamental scientific questions about the nature of computation but also involves many aspects of hardware and architecting the large computer systems and network system that form the infrastructure of commercial and government enterprises.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
ITE504	Fundamentals of Computer Systems	3
ITE505	Network Applications and Operations	3
ITE506	Information Systems Design and Database Concepts	3
ITE507	Data Communications and Networking	3
ITE508	Data Mining	3
ITE509	Database Engineering and Administration	3
<i>Elective Courses (12 Credits)</i>		
ITE531	Mobile App I	3
ITE512	Network Systems Management	3
ITE513	Internetwork Design	3
ITE514	Information Systems and Electronic Commerce	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
ITE515	Mobile Communications and Computing	3
ITE516	Network Security	3
ITE532	Mobile App II	3
CAP601	Capstone (Seminars, etc.)	3
CSC-MRP	Master's Research Paper	--
CSC-CEX	Master's Comprehensive Exam	--

2. ELECTRONICS AND TELECOMMUNICATION (MS)

The course provides a foundation in electronic devices, circuits and systems, microelectronics and optical communications, signal/image processing, control, microwaves, fibre optics, computer hardware, software design. The course is well designed for the students who intend to pursue higher studies in any branch of electronics and telecommunications engineering.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
ETC505	Basic Electronics	3
ETC507	Introduction to Digital Signal Processing	3
ITE504	Fundamentals of Computer Systems	3
ITE505	Network Applications and Operations	3
ITE507	Data Communications and Networking	3
ITE531	Mobile App I	3
<i>Elective Courses (12 Credits)</i>		
ETC510	Telecommunication Networks	3
ETC514	Optical Fiber Systems and Networks	3
ETC517	Modern Antenna Design	3
ETC518	CDMA RF System Engineering	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
ETC519	Cellular Mobile Systems	3
ITE512	Network Systems Management	3

ITE515	Mobile Communications and Computing	3
CAP601	Capstone (Seminars, etc.)	3
ETC-MRP	Master's Research Paper	--
ETC-CEX	Master's Comprehensive Exam	--

3. INFORMATION TECHNOLOGY (MS)

Information Technology (IT) This concentrates on the fundamental techniques and knowledge used in designing and implementing information processing systems with an emphasis on systems software design and computer organization.

Information technology programs, you study general computer science concepts, including learning how computers work, the different operating systems, and network administration. Courses will focus on the technology behind computer systems. Learn how to design computers and related technology. Also learn how to change existing computers and software to better meet computer user needs. In addition, take software and hardware engineering courses.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
ITE504	Fundamentals of Computer Systems	3
ITE505	Network Applications and Operations	3
ITE506	Information Systems Design and Database Concepts	3
ITE507	Data Communications and Networking	3
ITE508	Data Mining	3
ITE509	Database Engineering and Administration	3
<i>Elective Courses (12 Credits)</i>		
ITE531	Mobile App I	3

ITE522	Fundamentals of Multimedia	3
ITE523	Web Development	3
ITE524	Information Systems and Electronic Commerce	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
ITE525	Network Security	3
ITE527	Advanced Data Management Systems	3
ITE532	Mobile App II	3
CAP601	Capstone (Seminars, etc.)	3
ITE-MRP	Master's Research Paper	--
ITE-CEX	Master's Comprehensive Exam	--



VI- COLLEGE OF SOCIAL SCIENCES

The courses offered by the College of Social Sciences aim to train students to think independently, critically, systematically and creatively. By encouraging them to develop an analytical approach, the different courses are thus directed towards providing students with the opportunity to analyze and assess human behavior in relation to spatial and temporal (including historical) aspects of its socio-cultural context. In this way, they will better appreciate the diversity of the world and the complexity of the human condition; and have a better understanding of human existence, focused on respect, tolerance, and morality.

In addition, we hope to inspire students by engaging them in empirical and qualitative research as a tool for explaining social phenomena. In this way, their research findings will be of benefit for policy development in the renaissance of Cambodia. Related to this is the aim of developing the students' ability to analyze critically the foundations upon which cultural dimensions are built, and to communicate their ideas effectively.

DEGREE OFFERINGS

- 1- DEVELOPMENT STUDIES (MDS)**
- 2- POLITICAL SCIENCE (MPS)**
- 3- PEACE STUDIES (MPS)**

1. DEVELOPMENT STUDIES (MDS)

As noted by the Asian Development Bank (2005: "Country Strategy and Program, 2005–2009", Kingdom of Cambodia) and others, Cambodia's economy is based on the remaining (but remorselessly dwindling) natural and socio-cultural assets; and it must continue to be so, in the near future. In particular, two main sets of assets have been identified.

- 1) Agriculture, fisheries and forestry are a major source of revenue: the sustainable development of these income-generators, rather than their short-sighted exploitation, constitutes a major aspiration of the 2004–2008 Cambodia Rectangular Strategy
- 2) The tourist industry is another major source of foreign income; whilst this is mainly related to the country's pre-colonial archaeological heritage, eco-tourism represents a potential new growth area in other regions of the country (reflected by proposals regarding the need for conservation in the 2004–2008 Cambodia Rectangular Strategy).

However, Cambodia faces many problems. In common with the rest of the world, there is the fact of increasing environmental degradation, as a result of pollution and other forms of ecological

mismanagement. This is accentuated because of poverty and a lack of proper, enforceable legislation with regard to the long-sighted control of waste-disposal, mining and the exploitation of other resources.

The Development Studies program focuses on an interdisciplinary approach in international development as applied to developing countries and emerging economies, with a special focus on the Asia-Pacific region. The interdisciplinary approach to our program includes insights from Anthropology, Economics, Sociology, Political Science, and the Environment. Thus, the syllabus provides students with the opportunity to study issues in depth, taking into account a variety of perspectives. Particularly for those who decide to do a Research Thesis, our aim is to train development professionals for careers in developing countries through experience with local and international organizations in Cambodia.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
DEV605	Development in the Third World	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL607	Politics in Developing Areas	3
<i>Elective Courses (12 Credits)</i>		
POL620	Politics and Culture in Southeast Asia	3
BUS615	Organizational Behavior	3
DEV611	Global Environmental Governance	3
SOC505	Contemporary Social Change in Cambodia	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
DEV606	Gender, Globalization, and Development	3

DEV609	Urban and Rural Development	3
SOC507	Sociology of Poverty	3
CAP601	Capstone (Seminars, etc.)	3
DEV-MRP	Master's Research Paper	--
DEV-CEX	Master's Comprehensive Exam	--

2. POLITICAL SCIENCE (MPS)

The Political Science program is designed to provide students with an understanding of politics, its processes, theories, and institutions. It is also designed to give students a basic knowledge for various careers in Political Science such as becoming certified as teachers and/or gaining employment with the government or private sector.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
DEV605	Development in the Third World	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL607	Politics in Developing Areas	3
<i>Elective Courses (12 Credits)</i>		
POL620	Politics and Culture in Southeast Asia	3
BUS615	Organizational Behavior	3
POL605	Contemporary Political Thought	3
PST615	Nonviolent Political Alternatives	3
<i>Option I: Research Thesis (12 credits)</i>		

RPT601-4	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
POL713	Cambodian Elections, Political Parties and Civil Organizations	3
POL616	Gender in Politics	3
PUB605	Politics and Public Policy	3
CAP601	Capstone (Seminars, etc.)	3
POL-MRP	Master's Research Paper	--
POL-CEX	Master's Comprehensive Exam	--

3. PEACE STUDIES (MPS)

This interdisciplinary program – drawing not just on Politics and International Relations but also Psychology, Sociology and Religion, as well as Developmental Studies – aims to give insights into how efforts can be made to avoid the horrible consequences of conflict and violence; and instead promote the causes of freedom and justice through mutual cooperation.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credit
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (30 Credits)</i>		
ASN501	An Introduction to ASEAN	3
DEV611	Global Environmental Governance	3
INT629	International Relations Theories	3
SOC509	Sociology of Community Development	3
INT605	International Institutions and World Order	3
POL607	Politics in Developing Areas	3
PST614	Peace and Justice	3
POL620	Politics and Culture in Southeast Asia	3
HIS614	History of Modern Cambodia	3
LAW514	International Law and the State	3

<i>Option I: Research Thesis (at least 12 credits)</i>		
RPT601+	Master's Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
PST605	Peace Education	3
PST615	Nonviolent Political Alternatives	3
PST617	International Conflict Resolution	3
CAP601	Capstone (Seminars, etc.)	3
PST-MRP	Master's Research Paper	--
PST-CEX	Master's Comprehensive Exam	--



VII. TECO SEN SCHOOL OF GOVERNMENT AND INTERNATIONAL RELATIONS

I- MASTER'S DEGREE PROGRAMS

1. DEGREE OFFERINGS

Techo Sen School of Government and International Relations offers the following Master's Degree Programs:

1. PUBLIC ADMINISTRATION (MPA)
2. PUBLIC POLICY (MPP)
3. INTERNATIONAL RELATIONS (MIR)
4. ASEAN STUDIES (MAS)
5. DIPLOMACY AND NEGOTIATION (MDN)
6. PUBLIC MANAGEMENT (MPM)

1. PUBLIC ADMINISTRATION (MPA)

The Public Administration program provides students with an in-depth understanding of general public management; and thus prepares them to take responsible positions in governmental organizations.

Reflecting the common underlying principles for efficient organisation and management, students doing an MPA attend the same core courses as those doing an MBA in the College of Management (this also maximises the graduate's flexibility when it comes to developing their careers); thereafter, students do work which is designed to give them relevant insights into the particular problems associated with the routine running of the public sector and the rational implementation of policies.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3

FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (18 Credits)		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
Elective Courses (12 Credits)		
BUS622	Labor and Industrial Relations	3
BUS664	Public Relations	3
PAD682	Public Budgeting	3
PAD689	Public Administration	3
Option I: Research Thesis (12 credits)		
RPT601-4	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
PAD680	Politics and Public Policy	3
PAD681	Politics of Developing Areas	3
PAD683	Urban and Rural Development	3
CAP601	Capstone (Seminars, etc.)	3
PAD-MRP	Master's Research Paper	--
PAD-CEX	Master's Comprehensive Exam	--

2. PUBLIC POLICY (MPP)

The Public Policy program at the University of Cambodia provides an understanding of governmental processes (including quantitative and analytical skills), public administration, public planning and analysis. Our program offers an interdisciplinary approach (Development Studies, Economics, Political Science, and Sociology) providing students with the knowledge, skills, and experience required for policy-making and managerial careers in political and administrative arms of government.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or

- ii. four other major elective courses (12 credits) followed by a Master’s Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
<i>Common Courses (12 credits)</i>		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
<i>Major Courses (18 Credits)</i>		
DEV605	Development in the Third World	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL607	Politics in Developing Areas	3
<i>Elective Courses (12 Credits)</i>		
POL620	Politics and Culture in Southeast Asia	3
BUS615	Organizational Behavior	3
POL605	Contemporary Political Thought	3
SOC505	Contemporary Social Change in Cambodia	3
<i>Option I: Research Thesis (12 credits)</i>		
RPT601-4	Master’s Thesis	12
<i>Option II: Comprehensive Exam (12 credits)</i>		
DEV609	Urban and Rural Development	3
PUB605	Politics and Public Policy	3
SOC507	Sociology of Poverty	3
CAP601	Capstone (Seminars, etc.)	3
PUB-MRP	Master’s Research Paper	--
PUB-CEX	Master’s Comprehensive Exam	--

3. INTERNATIONAL RELATIONS (MIR)

As civilization evolves, the relationships between countries are becoming ever more complex. This is especially so with the rapid globalization which is taking place as a result of faster and increasingly sophisticated communication systems. The situation is further complicated by a return to religious fundamentalism in many parts of the world.

The International Relations program is designed to provide students with an understanding of how nations interact with each other. This is with particular reference to Cambodia's present situation as one nation in the world at large; how this has been affected by the past; and the possible implications for the future.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credits
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (18 Credits)		
DEV605	Development in the Third World	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL607	Politics in Developing Areas	3
Elective Courses (12 Credits)		
POL620	Politics and Culture in Southeast Asia	3
DEV611	Global Environmental Governance	3
POL605	Contemporary Political Thought	3
PST615	Nonviolent Political Alternatives	3
Option I: Research Thesis (12 credits)		
RPT601-4	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		

INT606	Cambodian Foreign Policy	3
INT629	International Relations Theories	3
PST617	International Conflict Resolution	3
CAP601	Capstone (Seminars, etc.)	3
INT-MRP	Master's Research Paper	--
INT-CEX	Master's Comprehensive Exam	--

4. ASEAN STUDIES (MAS)

ASEAN has been playing an increasingly important role in political and other matters in the region and beyond, and this is set to be increasingly so with the formation of the ASEAN Community in 2015. As one of its ten members, Cambodia needs to be actively involved in ensuring that its voice is heard; and also to obtain full benefits through promoting awareness and understanding of ASEAN within Cambodia, including the business opportunities and how to avoid potential pit-falls.

There are two concentrations within this major.

1. One in the *Social Sciences*, which focuses on the implications for the government, in terms of policy and other implications, together with the need to promote public awareness.
2. The other in *Business*, which includes courses related to how Cambodia must adapt to take best advantage of the evolving business environment.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

- **Social Science Concentration**

Code	Course Title	Credit
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (30 Credits)		
ASN501	An Introduction to ASEAN	3
BUS615	Organizational Behavior	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
ECN503	Economic Analysis	3
INT607	International Relations	3

INT608	International Relations and Globalisation	3
POL620	Politics and Culture in Southeast Asia	3
PUB605	Politics and Public Policy	3
SOC509	Sociology of Community Development	3
Option I: Research Thesis (at least 12 credits)		
RPT601+	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
BUS664	Public Relations	3
DEV609	Urban and Rural Development	3
SOC505	Contemporary Social Change in Cambodia	3
CAP601	Capstone (Seminars, etc.)	3
ASN-MRP	Master's Research Paper	--
ASN-CEX	Master's Comprehensive Exam	--

• **Business Concentration**

Code	Course Title	Credit
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (30 Credits)		
ASN501	An Introduction to ASEAN	3
BUS600	Business Policy and Ethics	3
BUS615	Organizational Behavior	3
DEV607	Sustainable Development	3
ECN503	Economic Analysis	3
ECN507	International Economics	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL620	Politics and Culture in Southeast Asia	3
PUB605	Politics and Public Policy	3
Option I: Research Thesis (at least 12 credits)		
RPT601+	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
BUS610	International Marketing	3
BUS651	International Business Strategies	3
BUS653	International Finance and Investment	3
CAP601	Capstone (Seminars, etc.)	3

ASN-MRP	Master's Research Paper	--
ASN-CEX	Master's Comprehensive Exam	--

5. DIPLOMACY and NEGOTIATION (MDN)

The Diplomacy and Negotiation program is designed to provide students with an understanding of processes and institutions for peacefully resolving disputes in both the public and the private sector, with an emphasis on practical rather than theoretical aspects.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credit
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (30 Credits)		
ASN501	An Introduction to ASEAN	3
BUS615	Organizational Behavior	3
DEV605	Development in the Third World	3
DEV607	Sustainable Development	3
DEV612	International Development and Policy	3
INT607	International Relations	3
INT608	International Relations and Globalisation	3
POL605	Contemporary Political Thought	3
POL620	Politics and Culture in Southeast Asia	3
PST615	Nonviolent Political Alternatives	3
Option I: Research Thesis (at least 12 credits)		
RPT601+	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
BUS615	Organizational Behavior	3
LAW607	Negotiation and Conflict Resolution	3
PST617	International Conflict Resolution	3
CAP601	Capstone (Seminars, etc.)	3
MDN-MRP	Master's Research Paper	--
MDN-CEX	Master's Comprehensive Exam	--

6. PUBLIC MANAGEMENT (MPM)

The Public Management program provides students with an in-depth understanding of general public management; and thus prepares them to take responsible positions in governmental organizations.

Reflecting the common underlying principles for efficient organisation and management, students doing an MPM attend the same core courses as those doing an MBA in the College of Management (this also maximises the graduate's flexibility when it comes to developing their careers); thereafter, students do work which is designed to give them relevant insights into the particular problems associated with the routine running of the public sector and the rational implementation of policies.

All students are required to take and pass four common courses (12 credits) and a minimum of ten major elective courses (30 credits). Thereafter, students may choose to do either:

- i. a research thesis (12 credits); or
- ii. four other major elective courses (12 credits) followed by a Master's Research Paper and a Comprehensive Exam.

Code	Course Title	Credit
Common Courses (12 credits)		
FDN501	Research Methodology	3
FDN502	Statistics for Research	3
FDN503	Research Paper Writing	3
FDN504	Ethical Leadership	3
Major Courses (30 Credits)		
BUS600	Business Policy and Ethics	3
BUS604	Financial Management	3
BUS605	Managerial Accounting	3
BUS615	Organizational Behavior	3
BUS616	Small and Medium Business	3
ECN503	Economic Analysis	3
BUS622	Labor and Industrial Relations	3
BUS664	Public Relations	3
PAD682	Public Budgeting	3
PAD689	Public Administration	3
Option I: Research Thesis (at least 12 credits)		
RPT601+	Master's Thesis	12
Option II: Comprehensive Exam (12 credits)		
ASN501	An Introduction to ASEAN	3
PUB605	Politics and Public Policy	3
PAD683	Urban and Rural Development	3
CAP601	Capstone (Seminars, etc.)	3
MPM-MRP	Master's Research Paper	--
MPM-CEX	Master's Comprehensive Exam	--



UNIVERSITY OF CAMBODIA

2- COURSE DESCRIPTIONS

The following outlines of course content are correct at the time of writing, although the material (or the order in which it is covered) may be subject to change.

ACC630: Advanced Taxation

This course discusses the tax laws as they apply to specific tax entities, with an introduction to tax research and methodology.

ACC631: Advanced Auditing

This course discusses the auditing methodology, professional auditing standards and current issues.

ACC632: Assurance Services

This course provides the information needed for contemporary business decisions. Skills needed to provide value-added activities, such as analyzing, interpreting, measuring and evaluating information.

ACC633: Advanced Financial Accounting

This course discusses the advanced accounting topics, including investment management, shareholder earnings, and accounting projections.

ACC634: Financial Statement Analysis

This course provides advanced methods of analyzing financial statements and the accompanying footnotes. How various accounting methods might affect interpretation and use of financial information.

ASN501: An Introduction to ASEAN

The history of ASEAN since its inception in 1967 are reviewed, in terms of the political and other considerations underlying its founding and the subsequent expansion of its membership; its aims in establishing relations with dialogue partners; and signing bilateral agreements with these as well as more wide-ranging multilateral agreements. Progress in the formation of an ASEAN Community with its three pillars will be reviewed, together with its implications for Cambodia, other member states and the world at large.

BUS600: Business Policy and Ethics

This course examines the issue of ethics and the ethical responsibility of the firm. The focus is on setting up policy as well as on day-to-day management.

BUS601: Marketing Management

This course examines the character and importance of the marketing process and its essential functions. It focuses on the development of analytical marketing tools and techniques; major policies that underlie the activities of marketing institutions and the social, economic, and political implications of such policies.

BUS602: Management Information Systems

This course provides graduate students with a deep understanding of what is involved in the management of IT. The course will focus on three dimensions in the management of IT: People (organizational change), Process (project management) and Product (key business applications with an emphasis on integration). The course will be structured to provide a thorough grounding in theory before proceeding into applications of theories through case studies and empirical research articles. As such,

the course is aimed to provide a broad understanding of concepts relating to management of technology as well as to introduce specific skills needed for successful IT project management.

BUS603: Managing Human Resources

This course provides analysis of human resource functions, including human resource planning, staffing, interviewing, selection, performance evaluation, training and development, compensation, labor relations and labor laws.

BUS604: Financial Management

This course discusses the practice and theory of managers making financial decisions on capital levels for the company: debt and equity choices for financing long-term company objectives, company expansions choices, company valuation (including potential take-overs), coping with interest of exchange rate volatility, and short term cash and credit management.

BUS605: Managerial Accounting

This course discusses the cost and managerial accounting topics, including production process, product costing, cost behavior analysis with regression, differential costing, capital budgeting, throughput accounting, performance measurement, and budgeting.

BUS607: Production and Operations Management

This course examines issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control and project management are detailed.

BUS610: International Marketing

This course focuses on the international market entry strategies, export marketing, joint ventures, and other market entry modes. Regional/national markets; cultural, political, legal environments, negotiations, trade financing and marketing mix will be emphasized.

BUS611: Introduction to Electronic Commerce

This course emphasizes hands-on investigation of both current and potential aspects of the Internet. The structure and services of Internet are reviewed with emphasis on related service provider management issues. These issues include selecting and supporting services that best support an organization's strategies, performance measurement, security, and unique aspects of electronic commerce. Future developments in the national and global information infrastructure initiatives are discussed.

BUS612: Consumer Behavior

This course discusses the mental and emotional processes and physical actions that people engage in when selecting, purchasing, using, and discarding products and services to satisfy consumer needs and desires.

BUS613: Sales Management

This course explores the personal selling and sales management, including the strategic role of personal selling; business to business selling; organizing, directing, and compensating the sales force; and evaluating sales performance.

BUS614: Advertising and Promotions

This course is a survey of various techniques used to promote goods and services, including a discussion of the different types of media available.

BUS615: Organizational Behavior

This course provides the theories and concepts for creating effective organizations, e.g. individual, group and organizational processes and human resource functions, including selection, compensation, and performance management.

BUS616: Small and Medium Business

This course reviews the challenges and techniques involved in managing a small and medium business, including capital generation, succession planning, and quality of life.

BUS620: Recruitment and Selection

This course examines the newest practices for recruiting, selecting and retaining employees.

BUS622: Labor and Industrial Relations

This course focuses on the overview of the history and development of the labor union movement and discussion of labor issues, including labor-management relations, collective bargaining, labor law, union organizing campaigns, contract negotiation and arbitration.

BUS623: Training and Development

This course covers the analysis of learning theories, training methods and strategies, training and development applications and production, and use of current technology for training and human resource development.

BUS624: Strategic Human Resource Management

This course analyzes the human resource functions, including HR planning, staffing, interviewing, selection, performance evaluation, training and development, compensation, labor relations and labor laws.

BUS625: Occupational Health and Safety

This course focuses on the business benefits and opportunities associated with implementing an occupational health and safety (OH&S) management system and how an organization can begin the implementation process. It includes some group exercises to give students practice in the implementation process.

BUS626: Compensation and Benefits

This course gives an in-depth study of compensation and benefit programs in organizations. Topics include job evaluation, incentive systems, performance appraisal, and employee benefits.

BUS630: Financial Accounting

This course explains the financial reporting issues for balance sheet, income statement, and cash flow statement. Revenue recognition; accounting for long-term assets, investment securities, and derivative instruments; consolidation. As well as accounting for receivables and inventory.

BUS631: Management of Financial Institutions

This course discusses the management problems of commercial bank and non-bank financial institutions, emphasizing balance sheet management, regulation, and the process of intermediation.

BUS632: Personal Finance and Equities

This course gives details on personal financial decision making, including investment strategy and personal risk management.

BUS633: Risk Investment Management I

This course studies financial markets, principally equity markets, from an investment decision-making perspective. The course develops a set of conceptual frameworks and analytical tools, and applies these to particular investments and investment strategies chosen from a fairly broad array of companies, securities, and institutional contexts.

BUS634: Risk Investment Management II

This course focuses on adding value across the spectrum of decisions ranging from position-taking in particular securities, to portfolio risk management, to the delegation, and oversight of professional investment managers. In conjunction, the course explores the competitive dynamics among investment organizations, products, and markets.

BUS647: Management of Change

This course provides practical guidance on how to successfully manage transitions and evolutionary change in an organization.

BUS648: Leadership and Management

This course explains the functions of a leader in an organization. It provides an in-depth discussion of the various techniques which leaders can use to challenge people and to build confidence in their associates and subordinates; and also considers when and how to be a coach or mentor. It discusses the need to lead by setting an example; and identifies resources to help develop leadership skills.

BUS649: Project Management

This course explains the importance and functions of project management. It defines the roles of project managers, team members, clients and customers; and identifies the skills and techniques needed for the effective planning, estimating, budgeting, and scheduling of a project. This course also describes how to execute a project, including controlling, reporting, and managing change and risk; together with identifying the people skills which are needed to lead project teams.

BUS651: International Business Strategies

This course focuses on those managerial issues, which follow from the definition and implementation of corporate strategy for worldwide operations, as distinguished from purely domestic firms or those only marginally involved in international activities. It aims to develop an appreciation for the unique

competitive, socio-cultural and political environments in which international business takes place and the skills required to deal with these changes

BUS661: Brand Marketing

This course provides the studies on how to create an effective brand strategy that will help firms stand out in a competitive global market whilst developing, maintaining and safeguarding its brand.

BUS662: Customer Relationship Management

This course discusses the strategic application of CRM processes, how to allocate time and resources in relation to a customer's value (customer lifetime value analysis), customer acquisition, retention and loyalty, and ethical issues.

BUS663: Marketing Research

This course discusses the purposes, procedures and application of marketing research as well as introduction to various types of firms in the marketing research industry with the emphasis on learning fundamental marketing concepts.

BUS664: Public Relations

This course is an overview on how to understand, establish and maintain mutually beneficial relationships between organizations and the publics.

CAP601: Capstone (Seminars, etc.)

In this course provides the student with the opportunity to take an overview of the material covered in the Common courses, and develop ideas about the underlying concepts and their interpretation and practical applications in relation to their major courses. The aim of CAP601 is to encourage students to take an integrative approach to what has been covered, and give them the opportunity to appreciate and demonstrate the breadth of their knowledge and understanding of their particular discipline. The course includes lectures, tutorials, workshops and seminars.

COM605: International Public Communication

The intellectual, social and political study of international public communication. How rhetorical theory is applied to the study of these events will also be explored.

COM607: Negotiation and Conflict Resolution

Conflict as a defining force in various modes of communication will be studied, including group, interpersonal and cultural communication.

DEV605: Development in the Third World

This course takes a comparative approach to studying the processes of social, economic, political and ideological change in third world countries.

DEV606: Gender, Globalization, and Development

This course examines the relationships between gender, globalization, and development in selected regions in Asia

DEV607: Sustainable Development

This course seeks to understand the concept of "sustainable development" by examining key cultural, political, and philosophical differences.

DEV608: Managing Heritage and Cultural Treasures

This course focuses on cultural resource management, focusing on Angkor Wat as an example.

DEV609: Urban and Rural Development

This course studies the similarities and differences in urban and rural development.

DEV611/LAW516: Global Environmental Governance

An in-depth examination of the political and policy challenges posed by global environmental degradation.

DEV612/LAW627: International Development and Policy

Issues and problems of economic development and modernization in expanding economies.

EAD600: Advanced Philosophy of Education

Basic concepts and principles as derived from the different branches of philosophy. Focuses on questions about the nature of ideas as they relate to educational practice.

EAD611: Financial Management in Education

Economic perspectives and thinking in education, monetary and non-monetary costs and benefits of education, education and the labor market, budget allocation in public schools and funding sources for educational development are studied, analyzed and discussed. Furthermore, who pays for education?

EAD614: Training and Development

Analysis of learning theories, theories of development, training methods and strategies, training and development applications, and production and use of current technology for training and human resource development.

EAD616: Human Resource Management in Education

The purpose of this course is to enable students to become knowledgeable of human resource management models, theories and practices in the field of education. Major issues examined in this course include human resource planning, compensation, career planning, job analysis and design, recruitment, selection and hiring, performance evaluation, job safety, and legal aspects of human resources administration.

EAD617 (= BUS???): Organizational Behavior

A study of the impact caused by individuals, groups and organizational structure on behavior in organizations of various kinds, emphasizing employment and related environment are covered. Individual behavior, perception, values and attitudes, motivation, communication, leadership, groups and teams, power and politics, conflict, organizational culture and change, and international perspectives of organizational behavior are also discussed.

EAD619: Educational Management Information Systems

A study of ideas, concepts and importance of information system for educational administration, nature of information system for management at different levels, systems structure, systems design, priority setting, systems development and project management, organizations of information system for management. Administrator's roles to the management of information system, collection and analysis of educational data are included.

EAD620: Educational Leadership

Studies in managerial leadership, contemporary theoretical frames and practical implications, leadership impact on organizational performance and culture, communication skill, power, authority and related influence processes, competencies of leaders and leadership development are included.

EAD631: Current Trends and Research in Education

This course outlines the theoretical basis of education, and the current trends in research in various fields of educational inquiry. Students learn to develop research proposals, examine the process of research question formulation, and study various research methods, learning which are appropriate to various types of research questions. Researches in education and their implications to the national goals of education and the development of a nation.

EAD632: Principles of Educational Administration

This course organizes its contents into three parts: first, to explain the essence and context of education administration process, development of the organization; second, to discuss the principles and approaches of ethics of education administration; third, to formalize the ethic codes of education professional personnel.

EAD633: Educational Sociology

In this course, students examine the structure and process of education in contemporary society. Students learn about the contribution of sociology to our understanding of education, and the relationships between education and other social institutions including the family, government, religion and the economy. They also explore the effects of demographic change on education, the effects of social class on student achievement and learning, formal and informal positions in education, roles and processes in schools, and consider current issues in education, such as school funding, compensatory and special education programs, race and gender issues, and educational reform movements.

EAD634: Educational Evaluation

Theories relevant to the evaluation of students' performance, the development of testing materials and how to evaluate these tests. This course also include understanding statistical methods and evaluation of programs.

EAD635: Curriculum Planning and Change

Situational analysis and curriculum planning, principles of curriculum design, material development, principles of curriculum implementation, teacher education and curriculum implementation, the evaluation of curriculum programmes and projects, curriculum innovations and curriculum change are topics to be covered.

EAD636: Legal and Ethical Issues in Education

This course will provide the legal and ethical practices related to the provision of learning for students. Legal, ethical, and social issues impacting academic, administrative, student affairs officials and other concerns to leaders of higher education institutions.

EAD640: Issues and Trends in Special Education

This course will provide advanced graduate students with depth and breadth in four key areas of special education: developmental disabilities, learning disabilities, behavior disorders, and early childhood special education. For each of these areas, content will include historical perspectives, classic literature & theory, and current issue and trends.

EAD641: Educational Policy and Planning

A framework for understanding policy making and policy analysis, indicators of educational effectiveness and efficiency, international education indicators, significant issues in Cambodia such as: problems in educational management, curriculum development and school learning are studied and analyzed. Planning of changes, medium and long-term planning of educational changes will be studied and discussed.

EAD642: Educational Marketing Management

A study of advanced marketing management in educational field, especially product, price, promotion, and distribution problem solving. The legal and social environment within which educational marketing problems occur is also discussed.

EAD643: Contemporary issues in Education

Alternative education programs to respond to the accelerating social changes. This includes building strategic leadership for effective contemporary systems in education. This course will examine current issues affecting contemporary Cambodian education.

EAD644: Educational Management

Concepts in educational management, Administration and organization of education, paradigmatic perspectives, patterns of students and teachers interaction, organization roles and processes, strategic planning, school based decision making, communications, school management and public relations, organizational climate, change management in school, power and authority, leadership styles, morale and teacher stress, professionalism in education are topics to be studied.

EAD645: Educational Facilities Planning and Management

Examines the planning, financing, constructing, renovating, and management of school facilities. Students will receive and overview of the basic financial and facility issues, unique to education that affect individual school buildings.

EAD646: Educational Change

To assume leadership roles and to become change agents in their respective schools, teachers will analyze the influences, trends, social and political forces that generate and impact educational change at varying levels, i.e., at the classroom, school, community, state, and national levels. They will develop knowledge of the stages of systemic educational change and strategies to achieve and sustain momentum for change.

EAD697: Independent Study

Students' independent works on topics of their own interest within the frame work of the program and under the supervision of an advisor.

ECN501: Mathematical Methods in Economics

This is a discussion on further development of optimization and comparative statistics. Differential equations and dynamic analysis and mathematical modeling of economic behavior are also emphasized.

ECN503: Economic Analysis

This course presents the overview on advanced studies of theories of microeconomics and macroeconomics and the application of those in the analysis of economies.

ECN506: Managerial Economics

This is demonstrates how various concepts and techniques drawn from economics, finance, mathematics and statistics can be used to develop and use models in decision-making, mainly in an ambiguous situation.

ECN507: International Economics

This is an introduction to international trade and finance, which significant topics for international economy and the progress of conceptual framework for better understanding and exploring these topics will be discussed.

ECN508: Economics of Labor Markets

This is covering the labor market works and educates how to use economic frameworks to measure the sustainability of education, training, employment, taxation and other labor market policies.

ECN509: Public Economics

This is focus on the study of the state in a modern mixed economy, its responsibility, capacity and accountability.

ECN541: Economic Development

This is a discussion of problems of poor countries, theories of economic development, development policies, and economic relations between rich and poor countries.

ECN650: International Trade Theory

This is focus on the treatment of issues and theory, including determinants if the pattern of trade, tests of trade theory models, growth and international trade, multinational firms, tariffs, quotas, subsidies, common markets and free trade agreements, international movement of technology and labor.

ECN651: International Monetary Theory

This is focus on the international monetary theory and policy and open economy macro-economics.

ECN659: Economics of Financial Markets

This is a study how economic theory can be applied to financial markets.

EFL600: Advanced Philosophy of Education

Basic concepts and principles as derived from the different branches of philosophy. Focuses on questions about the nature of ideas as they relate to educational practice.

EFL610: Introduction to Linguistics

Study of the characteristics of the English language such as the sounds (phonemes) and phonetics; the words (lexicon); the meanings (semantics); sentences (syntax).

EFL614: Strategies in Teaching Grammar and Composition

Understanding the relationship between the theories and the methods used in the teaching of grammar and composition. The coherence between the methodology and the technique used in teaching which can help the teacher analyze the students' progress in learning.

EFL631: Research in language Education

This course introduces students to various approaches to research in the field of applied linguistics. As part of this, students read and interpret a range of research reports, which use a variety of methodological approaches in the way data is collected, analyzed and interpreted.

EFL632: Principles of Supervision

The interdisciplinary foundations of supervision: the function of theory, research on change, individual and group relationships in organizations, staff influence processes, talent utilization, and evaluations.

EFL633: Educational Sociology

In this course, students examine the structure and process of education in contemporary society. Students learn about the contribution of sociology to our understanding of education, and the relationships between education and other social institutions including the family, government, religion and the economy. They also explore the effects of demographic change on education, the effects of social class on student achievement and learning, formal and informal positions in education, roles and processes in schools, and consider current issues in education, such as school funding, compensatory and special education programs, race and gender issues, and educational reform movements.

EFL634: Educational Evaluation

Trends in language testing and evaluation, administration and scoring, item analysis, record and report systems, result interpretation, and experimental aspects of language testing are included in this course

EFL635: Methodology in Language Teaching

Overview of methodological techniques, approaches and problems, with special emphasis on the techniques applicable to the teaching of English to student of science and technology

EFL636: Legal and Ethical Issues in Education

This course will provide the legal and ethical practices related to the provision of learning for students. Legal, ethical, and social issues impacting academic, administrative, student affairs officials and other concerns to leaders of higher education institutions.

EFL640: Language and Culture

Characteristics of language and culture; language and world view; grammatical and cultural categories; theories and research on color terms, kinship terms, and metaphor; language and gender; linguistic and cultural systems of various communities.

EFL641: Language Acquisition, Learning Theories

Survey of the complex variables underlying second language acquisition and the various perspectives that inform second language acquisition theories. Current theories of second language acquisition and their implications for second language teaching.

EFL642: Curriculum Planning and Change

Situational analysis and curriculum planning, principles of curriculum design, material development, principles of curriculum implementation, teacher education and curriculum implementation, the evaluation of curriculum programmes and projects, curriculum innovations and curriculum change are topics to be covered.

EFL643: Teaching Reading in a foreign Language

Concentration on the survey of current theories and research in reading in a foreign language classrooms, especially those in ESP, to improve reading skills.

EFL644: Human Resource Management in Education

The purpose of this course is to enable students to become knowledgeable of human resource management models, theories and practices in the field of education. Major issues examined in this course include human resource planning, compensation, career planning, job analysis and design, recruitment, selection and hiring, performance evaluation, job safety, and legal aspects of human resources administration.

EFL645: Information Technologies and Learning Process

An exploration of information technology as instructional media and learning tools; a review of principles of instructional design theories, theories of second language acquisition, and studies on human computer interaction to help students construct a conceptual framework; and suggestions on how to integrate instructional technology into the teaching process, modify existing technology, and design new ones.

EFL646: Instructional Leadership

This course will focus on key strategies of instruction-related leadership effectiveness, how to build and manage successful teams through group decision making, as well as deal with conflict and political issues that influence instructional improvement and the process of school accountability.

EFL647: Comparative Linguistics

Principles and methods of historical and comparative linguistics, development of competing models for language change and linguistic relatedness. Examples and problems from a broad spectrum of languages.

EFL648: Topics in Applied Linguistics

Concentration on special topics of current interest in Applied Linguistics, e.g. Communicative Language Teaching, Second Language Acquisition, etc.

EFL697: Independent Study

Topic relevant to the interests and study needs of individuals students may be explored with a supervisor. Possible topics should be submitted to the head of the Faculty of Education for discussion.

ETC504 (= ITE504): Fundamentals of Computer Systems

This course discusses the design and organization of modern computer systems, including fundamental hardware and software building blocks. The course provides a comprehensive introduction to computer organization and computer communications. Topics related to computer organization include Boolean logic, number systems, data representation and formats, hardware building blocks, processor architectures, memory and storage subsystems, input/output systems, and operating system functions. Topics related to computer communications include synchronous and asynchronous data communication, local and wide area networks, and network protocols, including the basic operation of the TCP/IP protocol suite.

ETC505: Basic Electronics

This course is basic Electronics is intended for students taking their first course in the fundamentals of electricity and electronics. New questions, problems and applications exercises have been added to the end-of-course materials. Students will be able to continue their study into electronic devices courses.

ETC506 (= ITE505): Network Applications and Operations

Students learn the details, use, and configuration of network applications. Currently protocols and application technologies considered include SNMP, SMTP, IMAP, POP, MIME, BOOTP, DHCP, SAMBA, NFS, AFS, X, HTTP, DNS, NetBIOS, and CIFS/SMB. Windows workgroups and domains: file and printer sharing, remote access, and Windows networking are addressed. A research paper in the above topic areas is required.

ETC507: Introduction to Digital Signal Processing

This covers the basic theory and practice of digital signal processing (DSP) at an introductory level, with minimal mathematics.

ETC508 (= ITE506): Data Communications and Networking

Data Communications and Networking course, provides students a comprehensive and current introduction to networking technologies. The course is suitable to students from all backgrounds and teaching methods used are based on figures to visually represent concepts. This course will reflect the constantly changing world of network technologies. Enhanced coverage of cable, wireless, satellites, as well as comprehensive coverage on security and network issues is included.

ETC509 (= ITE510): Internet Programming

This subject introduces students to the specifics of the World Wide Web and Internet-based programming. The evolution of the Internet and its technical foundation is studied, as well as basic techniques for presenting data, text and pictures on the World Wide Web. The client/server paradigm is explored in detail, featuring website design and construction using html (Hypertext Markup Language), CSS (Cascading Style Sheets), PHP (Hypertext Preprocessor), My SQL (Backend Database), JavaScript and Java Applets. The concept of concurrent programming also introduced. Students learn how to use threading in Java to design advanced graphical user interfaces; together with how some existing tools can be used for website design and administration. It provides a sound basis for understanding how the WWW functions, how to construct web pages and how to write software for the WWW using scripting techniques and the Java programming language.

ETC510: Telecommunication Networks

This course presents fundamental communication theories as applied in various public speaking, interpersonal and small group communication contexts and provides both a theoretical foundation and a practical framework for future studies in the Communication area.

ETC511: Network Optimization

This course is important in the modeling of problems and processes from such fields as engineering, computer science, operations research, transportation, telecommunication, decision support systems, manufacturing, and airline scheduling. Recent advances in data structures, computer technology, and algorithm development have made it possible to solve classes of network optimization problems that until recently were intractable.

ETC512: Microwave Radio Transmission Design

This course helps the students design and plan SDH/SONET broadband networks, backhaul for mobile radio networks such as GSM, transmission links for wireless networks, TV and utility networks, and Wireless Local Loop networks.

ETC513 (= ITE512): Network Systems Management

The course provides an introduction to the management issues, standards, and products that exist in corporate and service providers' networks and discusses the basic set of issues faced by a corporate network manager, the current industry-standard approaches to addressing these issues, and several proprietary solutions. Web-based management is also discussed.

ETC514: Fiber Optic Data Communication

This course introduction to fiber optic communications. Coverage begins with a brief history, and explanation of the advantages of fiber optics, and a description of basic telecommunication systems. Increased coverage of basic optics and communications provide the background for understanding modern fiber-optics devices. Full of detailed descriptions of actual systems applications, the course

concludes with practical instruction on the installation and troubleshooting of fiber optic communications networks and systems.

ETC515 (= ITE515): Mobile Communications and Computing

This covers the development of wireless network technology from cellular networks to IP wireless networks. The emphasis is on the concepts, infrastructure and protocols for supporting device and user mobility. The subject also focuses on the development of a simple application using Wireless Application Protocol (WAP) and Wireless Markup Language (WML).

ETC516 (= ITE516): Network Security

This subject consolidates students' understanding of network security by considering security principles, methodologies and technologies from a technical and management perspective. Issues such as policy-based networking, directory services, IPsec, and basic methodologies such as firewalls, proxies, encryption and authentication are dealt with.

ETC517: Modern Antenna Design

This course the students study theory to the essentials of antenna design without too much mathematics. The course begins with a basic discussion of the properties of antennas that every designer needs to know and then moves on to specific design topics, including: Radiation structures and numerical methods, aperture distributions and array synthesis, dipoles, slots, loops, and microstrip patches, reflector antennas, traveling wave antennas.

ETC518: CDMA RF System Engineering

The students understand the essentials of CDMA wireless technology and develop the knowledge needed to design and operate either co-located AMPS and CDMA or dedicated CDMA systems.

ETC519 (= ITE518): Wireless Technology

This course explains how the radio spectrum is divided into frequency bands and why specific frequency ranges are assigned to specific types of devices. Discussed are the differences between analog and digital signal types and how they are used by radio devices. Students will learn about the key modulation types including amplitude (AM), frequency (FM), and phase (PM) modulation. Discussed are physical and logical channels and how a single physical channel may have.

ETC520: Web Engineering

Web applications are complex systems that are intended for use by diverse audiences. A thorough, systematic approach is required for the successful development of web application projects. Web Engineering introduces a structured methodology utilized in software engineering to Web development projects. The course addresses the concepts, methods, technologies, and techniques of developing Web sites that collect, organize and expose information resources. Topics covered include requirements engineering for Web applications, design methods and technologies, interface design, usability of web applications, accessibility, testing, metrics, operation and maintenance of Web applications, security, and project management. Specific technologies covered in this course include client-side (XHTML, JavaScript, and CSS) and server-side (PHP).

ETC521: Cellular Mobile Systems

Introduction to Cellular Mobile Radio Systems. Propagation Effects and Spectral Considerations. Cellular Mobile Systems Technologies. Cellular Network Architecture. Cellular Radio Technology.

ETC522: Telecommunications Network Planning and Design

This Course introduces a selection of communications network modeling disciplines such as network planning for transmission systems, modeling of SDH transport network structures and telecommunications network design, performance modeling, and much more.

ETC523: VoIP Network

This course begins with a discussion of the current protocols used for transmitting converged data over IP as well as an overview of hardware and software solutions for converged networks. In this lesson, will learn how H.323 allows dissimilar communication devices to communicate with each other, and how SIP (Session Initiation Protocol) is used to establish, modify, and terminate multimedia sessions including VoIP telephone calls.

ETC522: Telecommunications Internship

Practical learning experience in a supervised professional environment outside the classroom offered to junior and senior Telecommunications majors and minors. This internship opportunity must relate to one of the three emphasis areas (Industry & Management, Media & Society or Design & Production). Written report required.

FDN501: Research Methodology

The elements of research and the appropriate methodology employed in different designs will be discussed.

FDN502: Statistics for Research

This course introduces students to the fundamental ideas and concepts of statistics in order to interpret statistical results, to perform statistical tests, and to understand the circumstances under which a given statistic is appropriate.

FDN503: Research Paper Writing

Develops skills in organizing information, summarizing, and synthesizing academic writing for research reports. This course also covers skills appropriate to writing a formal literature review and the appropriate style for research thesis and dissertation.

FDN504: Ethical Leadership

This course explains the functions of a leader in an organization. It provides an in-depth discussion of the various techniques which leaders can use to challenge people and to build confidence in their associates and subordinates; and also considers when and how to be a coach or mentor. It discusses the need to lead by setting an example; and identifies resources to help develop leadership skills.

HIS506: History and Social Theory

This course introduces recent historical work drawing upon theories and concepts from the social sciences; considers fields of inquiry which include family history, demographic history, and local and regional studies.

HIS614: History of Modern Cambodia

This course examines of the history of Cambodia from 1953 to the present.

INT605: International Institutions and World Order

This course studies major contemporary approaches and styles in political theory, philosophy, and analysis.

INT606: Cambodian Foreign Policy

This course studies Cambodian foreign policy: rationales, approaches, problems and issues affecting Cambodian foreign policy past, present and future.

INT607: International Relations

This course studies international relations, focusing on war and peace, functioning of the international political system, and the behavior of nations within that system.

INT608: International Relations and Globalisation

This course aims at analyzing the relations between states in the context of globalizing arena where free trade, technological transfer and cultural adaptation are accepted.

INT629: International Relations Theories

Analysis of the major theories on the functioning of the international political system and the behavior of nations within it.

ITE504: Fundamentals of Computer Systems

This course discusses the design and organization of modern computer systems, including fundamental hardware and software building blocks. The course provides a comprehensive introduction to computer organization and computer communications. Topics related to computer organization include Boolean logic, number systems, data representation and formats, hardware building blocks, processor architectures, memory and storage subsystems, input/output systems, and operating system functions. Topics related to computer communications include synchronous and asynchronous data communication, local and wide area networks, and network protocols, including the basic operation of the TCP/IP protocol suite.

ITE505: Network Applications and Operations

Students learn the details, use, and configuration of network applications. Currently protocols and application technologies considered include SNMP, SMTP, IMAP, POP, MIME, BOOTP, DHCP, SAMBA, NFS, AFS, X, HTTP, DNS, NetBIOS, and CIFS/SMB. Windows workgroups and domains: file and printer sharing, remote access, and Windows networking are addressed. A research paper in the above topic areas is required.

ITE506: Data Communication and Networking

Data Communications and Networking course, provides students a comprehensive and current introduction to networking technologies. The course is suitable to students from all backgrounds and teaching methods used are based on figures to visually represent concepts. This course will reflect the constantly changing world of network technologies. Enhanced coverage of cable, wireless, satellites, as well as comprehensive coverage on security and network issues is included.

ITE507: Information Systems Design and Database Concepts

This course is an introduction to design methodologies in information systems. Structured systems analysis and design methodologies are discussed. An introduction to database design methodologies is also included. Topics related to different database models and their implementation is discussed. Students are also required to design and implement information systems using appropriate computer software.

ITE508: Data Mining

Data relevant for managerial decisions are accumulating at an incredible rate due to a host of technological advances. Electronic data capture has become inexpensive and ubiquitous as a by-product of innovations such as the internet, e-commerce, electronic banking, point-of-sale devices, bar-code readers, and intelligent machines. Such data are often stored in data warehouses and data marts specifically intended for management decision support. Data mining is a rapidly growing field that is concerned with developing techniques to assist managers to make intelligent use of these repositories. based on the disciplines of statistics and artificial intelligence.

ITE509: Database Engineering and Administration

Learn how to identify the major tasks of Sybase system and database administration and practice these tasks using your own Adaptive Server Enterprise (ASE) in a safe and controlled environment. Emphasis is given to resource management (memory, disk, and tempdb space with a goal of creating a reliable Adaptive Server environment. Examine fundamental monitoring and troubleshooting methods, backup and recovery strategies, job scheduling and user access issues.

ITE510: Internet Programming

This subject introduces students to the specifics of the World Wide Web and Internet-based programming. The evolution of the Internet and its technical foundation is studied, as well as basic techniques for presenting data, text and pictures on the World Wide Web. The client/server paradigm is explored in detail, featuring website design and construction using html (Hypertext Markup Language), CSS (Cascading Style Sheets), PHP (Hypertext Preprocessor), My SQL (Backend Database), JavaScript and Java Applets. The concept of concurrent programming also introduced. Students learn how to use threading in Java to design advanced graphical user interfaces; together with how some existing tools can be used for website design and administration. It provides a sound basis for understanding how the WWW functions, how to construct web pages and how to write software for the WWW using scripting techniques and the Java programming language.

ITE511: Dynamic Web Page Development

Learning web design can launch a career or enhance existing ones. Many companies seek web designers to create websites. Web developers, who construct and manage databases, may find that adding design skills to their programming abilities increases opportunities in a competitive job market. Knowing web design can equip graphic artists and freelance writers for a wider range of assignments and allow someone to contribute talent to an organization's website.

ITE512: Network Systems Management

The course provides an introduction to the management issues, standards, and products that exist in corporate and service providers' networks and discusses the basic set of issues faced by a corporate network manager, the current industry-standard approaches to addressing these issues, and several proprietary solutions. Web-based management is also discussed.

ITE513: Internetwork Design

This subject provides students with knowledge of LAN hardware and physical layer standards, and basic computer networking concepts and principles, and introduces local area network (LAN) design and the use of routers and routing in autonomous system intranets. It also explains how these access WANS.

ITE514: Information Systems and Electronic Commerce

Focuses on information systems security threats and requirements. Emphasizes problems and issues relevant to the risks to which information systems are exposed and methods of dealing with such risks.

ITE515: Mobile Communications and Computing

This covers the development of wireless network technology from cellular networks to IP wireless networks. The emphasis is on the concepts, infrastructure and protocols for supporting device and user mobility. The subject also focuses on the development of a simple application using Wireless Application Protocol (WAP) and Wireless Markup Language (WML).

ITE516: Network Security

This subject consolidates students' understanding of network security by considering security principles, methodologies and technologies from a technical and management perspective. Issues such as policy-based networking, directory services, IPsec, and basic methodologies such as firewalls, proxies, encryption and authentication are dealt with.

ITE517: Object-Oriented Programming with Java

This course covers the basic concepts of object-oriented programming and their relationships to the principles of software engineering. Emphasis is placed on the programming structures of interfaces, classes, objects, inheritance, and polymorphism and how these structures aid in the development of extensible software systems. Practical experience is gained in the design, construction, and debugging of systems in a strongly-typed object oriented language such as Java. This course provides the programming skills needed for developing software in other courses, and provides the context for more advanced modules that deal with software engineering and project management.

ITE518: Wireless Technology

The interconnection of terminals, computers, workstations, and other intelligent systems within a building or a number of buildings constituting a small campus.

ITE519: Programming Environments in Information Systems

A survey of the various working environments used to communicate managerial problems to the computer. Programming languages and tools are explored, ranging from formal, procedural and algorithmic systems to nonprocedural, fourth-generation, as well as windows, shells and natural language systems.

ITE520: Systems Analysis and Design

Covers the application development process from an object oriented perspective. Various techniques for planning, analysis, design, and project management are discussed, with emphasis on UML and related methods.

ITE521: Independent Study

These courses are available through Independent Study for graduate college credit. All listed courses are available in Independent Study print correspondence format.

ITE522: Fundamentals of Multimedia

Basic concepts, images, audio, video, authoring tools and systems, multimedia and the web, multimedia tools and applications.

ITE523: Web Development

This course will introduce concepts in programming web application servers. We will study of the fundamental architectural elements of programming web sites that produce content dynamically. The primary technology introduced HTML, CSS, Javascript, but we will also cover the related topics as necessary so that students may build significant applications.

ITE524: Information Systems and Electronic Commerce

Focuses on information systems security threats and requirements. Emphasizes problems and issues relevant to the risks to which information systems are exposed and methods of dealing with such risks.

ITE525: Network Security

This subject consolidates students' understanding of network security by considering security principles, methodologies and technologies from a technical and management perspective. Issues such as policy-based networking, directory services, IPsec, and basic methodologies such as firewalls, proxies, encryption and authentication are dealt with.

ITE526: Strategic Leadership in Technology-Based Organizations

The course helps students understand the root causes of common problems in innovation, showing how these can manifest themselves symptomatically in various stages of the development process, and in different areas of the company.

ITE527: Advanced Data Management Systems

This course introduces students to advanced concepts in database management systems. It is assumed that students have already had an introductory database design course. This course provides students a theoretical foundation on which databases are built. It enhances students' understanding of how enterprise databases should be designed. Students develop an awareness of the problems related to developing and administering complex enterprise database systems. Specific topics discussed include data warehousing and data-mining, distributed database systems, object-oriented databases, and architectures for enterprise databases, theory of relational database design, database performance issues, current developments in database technology, and the integration of databases to the internetworked environment.

ITE528: Project Management

This subject covers the management of the development and implementation of information technology solutions, with particular emphasis on information systems, project management and contemporary issues in the delivery of information technology solutions to the business. It considers the role of project management in business and identifies the managerial control and reporting aspects necessary from inception to implementation of a software development project.

ITE529: Wide Area Network Implementation

This subject complements and extends the theory and practice learned in the prerequisite subject. It extends skills and knowledge in WAN issues for part-time and full-time connectivity. Legacy systems, Frame relay, ISDN and POTS technologies are covered. Newer WAN technologies, wireless, IPsec VPNs, and DSL variants are introduced, together with the management of secure access to network devices using AAA and RADIUS servers.

ITE530: Information Systems Analysis and Design

Covers the application development process from an object oriented perspective. Various techniques for planning, analysis, design, and project management are discussed, with emphasis on UML and related method.

ITE531: Mobile App I

In this course you will learn how to develop iPhone and iPad applications using the Xcode Integrated Development Environment. The course covers building views, developing program code, and testing the application on a device simulator. This course covers major user interfaces including tab bar views, table views, page-based views, and storyboards. Database applications are also explored in addition to MapKit, Web View, and camera applications.

ITE532: Mobile App II

This course is targeted for students who want to start writing mobile applications on Android platforms. Android became a formidable mobile operating system, and this course will provide hands-on learning classes on writing Android applications. We will get started with the basics of Android programming by covering the most recent version of Android and understanding its development framework. We will learn both the fundamentals and the nuts and bolts of Android and have an exciting opportunity to write feature-rich Android applications that may be published in the Android market.

LAW430: Advanced International Law

This course provides students with the understanding of the formation and evolution of international institutions, and their significance for global governance and the developing world in the areas of trade, investment, environment and development. The issue of how to get states to cooperate to their mutual benefit, despite the incentives to cheat, will also be addressed.

LAW504: Introduction to International Law The course provides a better understanding of current topics in International Law. A various aspects are considered, including theories on the law of treaties; the principal of jurisdiction; air law and space law, and the law of the sea; international environmental law; the international protection of human rights; international organizations; diplomatic and consular law; international law and the use of force, and the settlement of disputes by peaceful means.

LAW508: United Nations

This course illustrates the history and current system of United Nations (UN). This deeply considers the UN charter, UN system, including the Security Council, the General Assembly, the Economic and Social Council, the Trusteeship Council, the Secretariat, the International Court of Justice and the specialized agencies; UN roles, including peace-keeping and observer missions, the establishment of friendly relations among states, the range of actions from humanitarian assistance to enforcement and the peaceful settlement of disputes. The international monetary system, and the role of international capital markets, as well as specific current topics, such as the single currency in Europe, the Asian financial crisis, and the policy debate over capital controls.

LAW511: International Trade Law

The course first provides an overview of the main international economic organizations and of the main categories in which they can be grouped (regional, sectoral, horizontal etc.). Next, the course briefly addresses the structure and functioning of International Monetary Fund, World Bank and WTO.

LAW513: International Human Rights Law

This course will address the questions concerning the basis for an international human rights system that would pose limits to states' treatment of their own nationals. What fundamental rights, if any, do individuals throughout the world have in relation to governments? Who may legitimately articulate and enforce such rights, and through what mechanisms? The course will examine these issues through the mechanisms of international criminal law. It will begin with an overview of the development and current state of the international law of human rights. It will then turn to an examination of the law governing conduct that is criminalized under international treaty or custom, including war crimes, genocide, crimes against humanity, piracy, slave trade, certain forms of terrorism and the like.

LAW514: International Law and the State

This looks at the subjects of international law by focusing on the states. The course examines the principal of self-determination and criteria of statehood; the recognition of state and government; the fundamental rights of states; territorial sovereignty; immunities of jurisdiction; the state responsibilities; the state succession to regional and global communities, and treaties; international law and the use of force by states; the settlement of disputes by peaceful means.

LAW515: Law of the Treaty

This course focus on the Vienna Convention on the Law of Treaties which is the authoritative treaty on the international law of treaties, establishing the procedures by which treaties are adopted, interpreted, and invalidated. It is considered mostly a codification of already existing and binding customary law on treaties, and so aside from some necessary gap-filling and clarification, it is not viewed as a change in existing international law.

LAW607 (= COM607): Negotiation and Conflict Resolution

This course emphasizes conflict as a defining force in various modes of communication, including group, interpersonal and cultural communication.

LAW610: Business Law

This course provides the broad based survey covering topics such as: legal aspects of business organizations and their financial transactions; major areas of government regulation of business; and issues of property rights, insurance, and international transactions. One segment of the course focuses on legal issues arising in marketing and advertising.

LAW621: Law of the Sea

The course we will focus on the historical development of the law of the sea regime, the zones of jurisdiction now in existence (territorial sea, exclusive economic zone, high seas, continental shelf, deep seabed), and the tension between coastal state and maritime state interests. Furthermore; it will focus on specific law of the sea topics, such as: dispute settlement; piracy and terrorism; national security and military uses of the ocean; fisheries and marine pollution; baselines, boundaries and limits; and salvage and shipwrecks.

PAD680: Politics and Public Policy

This course discusses the role of government in guiding economies and civil societies with particular emphasis on Southeast Asia.

PAD681: Politics of Developing Areas

A comparative analysis of the problems confronting underdeveloped countries on problems in the development of new institutions.

PAD682: Public Budgeting

Management of public financial resources in the areas of budget allocation, control, and planning.

PAD683 (= DEV609): Urban and Rural Development

Methods and models used in the planning of the development of urban and rural areas, including government agencies, infrastructure, economics, and education.

LAW684/BUS664: Public Relations

This course is an overview on how to understand, establish and maintain mutually beneficial relationships between organizations and the publics.

PAD689: Public Administration

Organizations in the public sector: their publics, their work, and ways that managers carry out their work.

POL605: Contemporary Political Thought

This course seeks to understand the trends in contemporary political thought.

POL607/LAW602: Politics in Developing Areas

A comparative analysis of the problems confronting underdeveloped countries on problems in the development of new institutions.

POL611: The Cambodian Judicial Process

This course seeks to study the structure and functions of the Cambodian judicial system emphasizing the organization, administration, and politics of judicial bureaucracies.

POL613: Cambodian Elections, Political Parties and Civil Organizations

This course provides an in depth look at Cambodia political parties, elections, interest groups and role of civil society.

POL620: Politics and Culture in Southeast Asia

This course examines scholarly approaches linking cultural phenomena in Southeast Asia.

PST605: Peace Education

This considers peace and the origins of violence in the context of culture and environment; and how an understanding of the underlining factors can be used to design ways and means of facilitating the endogenous nonviolent mediation of disputes.

PST614: Peace and Justice

This course examines issues within Political Theory, a historical overview of the peace movement in American and an analysis of contemporary concerns such as war and peace, wealth and poverty, racism and sexism.

PST615: Nonviolent Political Alternatives

This course explores scientific and cultural resources for nonviolent alternatives in politics.

PST617: International Conflict Resolution

This course studies the analysis of international conflict and conflict resolution.

PUB605: Politics and the Policy Process

Examines the influence of political factors on the initiation, formulation, and implementation of public policy.

PUB606: Public Management

Prepares students for managing public programs and organizations by exploring topics that include leadership, motivation, decision-making, ethics, and administrative structure.

SOC505: Contemporary Social Change in Cambodia

The course examines the nature, causes, and consequences of current social and economic change in Cambodia.

SOC507: The Sociology of Poverty

The course is both a theoretical and methodological analysis of poverty.

SOC509: Sociology of Community Development

The objective of the course is to increase the understanding of the sociological concepts and perspectives and their implications for Cambodia development

SOC617/LAW617: Sociology of Human Rights

The course explores sociological approaches to human rights by addressing the growing concern of its social existence, obligations, violations, and institutionalization of its practice of government and non-government organizations.