

# **COURSES OFFERING FOR STUDY ABROAD ACADEMIC SESSION 2009/2010**

## **1. Medium of Instruction**

The Medium of Instruction for most of the undergraduate courses is Bahasa Malaysia (Malay Language). There are selected number of courses conducted entirely in English and for some courses, the lectures are in Bahasa Malaysia but special tutorials are given in English, upon request. These courses are available for Study Abroad students. In addition, the University *does offer study packages taught in English*, i.e. the *Southeast Asian Studies Package and the Tropical Environmental Studies Package*.

## **2. Units**

Courses are weighted in terms of units. The units indicate the contact hours.

For theory courses : 1 unit is equivalent to 1 hour of lecture/tutorial/reading per week for 14 weeks.

For laboratory/studio classes : 1 unit is equivalent to 1 hour of laboratory or studio work per week for 14 weeks.

## **3. Level of Courses**

For all the programmes, except Medicine and Pharmacy, the courses are divided into 3 levels, i.e. 100, 200, and 300. Level 100 is for first year or introductory courses. Level 200 is for second year courses and level 300 is for final year courses. Students who are at the higher level are allowed to register for courses at the lower level but not vice-versa. The first digit in the course code, e.g. "BOI 104/4-Cell Biology and Genetics" determines the level of courses; the number 1 as in the example indicates that the courses is of level 100 and the digit that comes after "/" determines the unit.

## **4. Course Load**

The course load for a full time student is between 18-22 units. Every student is required to register for a minimum of 12 units in order to be considered as a full time student.

## **5. Prerequisites**

Some of the courses have prerequisites and each school will indicate the pre-requisites in the list of courses for each semester. Students need to ensure that they have fulfilled the pre-requisite requirement before registering for certain courses.

## **6. Course Election**

Students are required to select prior to their arrival at USM. A list of courses offered to study abroad students will be available at the International Office of each exchange partner institution by end of February each year. For any inquiries regarding the courses, students are advised to contact Chairman of Programme of the school concerned. The course listing will include e-mail addresses of Programme Chairmen.

## 7. Course Registration

Course registration will be carried out on the second day of the orientation week. There will be a briefing on the courses offered by representatives of each school prior to the registration. A class schedule for each course will also be provided on that day. Students are allowed to do minor changes in the course selection after the briefing.

Students are required to complete a course registration form and to return it to the International Office at the end of the orientation week. In completing the course registration form, students are advised to pay serious attention to the following:

- Course Code
- Unit of each course
- Name of lecturer and building & room numbers
- Total number of units required by home institution
- No clashes in the Class Schedule
- Announcement on special meetings by course coordinators prior to the beginning of classes.

The International Office will carry out the on-line registration for each student, based on the information provided in the registration form. Students are then required to check and sign the course confirmation form at the end of the first week of the semester.

***Changes in course registration can be made until the third week of the semester*** after which students are only allowed to withdraw from courses. ***A penalty of RM 50 per course*** will be imposed to those who under certain circumstances, are required to register a new course/courses after the third week. Course withdrawals end on the sixth week of semester. Any request to drop a course/ courses after the sixth week has to be forwarded to the Deputy Vice-Chancellor [ Academic and International Affairs] for decision. If approved, students are allowed to drop the course[s] with a penalty of RM 50.00 per course.

## 8. Attendance

Attendance at lectures , tutorials, seminars, laboratory and field-work is compulsory. If under unavoidable circumstances, a student needs to be excused from any classes , then he/she is required to inform the lecturer concerned before or after the classes. A Medical Certificate from any of the panel doctors is required if a student is on sick leave. A minimum attendance of 70% must be attained by the student or else he or she will be barred from sitting the final examination.

## 9. Assessment

Assessments are in the form of coursework and examinations. Contribution of each component will be provided in the course outline, which is distributed usually on the first day of classes.

## 10. Examinations

Examinations are compulsory except for courses registered as audit (Y).

All examinations are conducted during the three weeks examinations period and are coordinated by the Examinations Unit at the Academic Division of the Registry. However, students should note that for small classes (25 students and less), school are permitted to organize the examinations.

A draft timetable is produced during the 8<sup>th</sup> or 9<sup>th</sup> week and only shows proposed dates of examinations and course codes. Students should inform the Examination Unit before the dateline specified in the draft if they have any problems relating to the proposed dates. ***Study Abroad students are advised not to make any travel arrangements until the final timetable is released.***

The final timetable will show the course codes, dates, times and venues of the papers and copies of both the draft and final timetable will be displayed on the main notice boards at the foyer of the Chancellory Building, the Libraries and schools. A copy will also be placed in the USM International Office. Students are advised to record the dates, times and venues for their courses correctly. Any student who misses an examination on a scheduled date will be recorded as absent and given zero marks unless the Examination Unit receives a report of extenuating circumstances from the student, within 48 hours from the time of the examination paper, which is acceptable to the University Examinations Council.

All examinations are held on the University Campus and request for examinations to be conducted at student's home institution can only be considered under the following situation:

- i. A student needs to return home due to the starting a semester at the home institution. This request is to be supported by a letter from the home institution mentioning the date for registration at the home institution.
- ii. A student needs to go back to his/her country for medical treatment. A letter of support from a local doctor is required.
- iii. Other reasons deemed fit to be given permission by the Senate of the University.

Please take note, that the examinations will be organized, only when the following conditions have been fulfilled.

- a) The student has completed at least 12 weeks of study at USM.
- b) The home institution is willing to organize the examination by providing the necessary invigilation and venue.
- c) The examination can be conducted at the same time and date as that run at USM **or**
- d) The lecturer(s) concern is willing to set another examination paper for the student.

Students are required to produce their examination slips in order to sit for the examination. The examinations slip is produced by the Examinations Unit and is distributed to students during the study week ( a week prior to the start of the examinations). ***Any inquires regarding examinations must be made direct to the Principal Assistant Registrar, Examinations Unit, Level 5, Chancellory Building.***

## 11. Grading

Universiti Sains Malaysia follows the CGPA system and the grading is as follows:

Gred	Points
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

**Students who achieve a CGPA of 2.00 and above are classified as in the “ACTIVE” category.**

## 12. Examinations Results & Transcript

Provisional results are available a month after the examinations end and the final results are released about two weeks after the provisional results. Transcripts of examinations results for study abroad students will be sent to the address in their home country and home institution unless the International Office is informed otherwise.

### **13. Appeals Against Examination Results**

Appeals against examination result should be forwarded to the Principal Assistant Registrar, Examinations Unit, Level 5, Chancellory Building in writing together with a copy of the receipt of payment of RM 25.00 per course. The appeals procedure involves not only the examinations Unit but also the school concerned and hence the outcome may take awhile.

### **14. Telephone Numbers for Academic Purposes**

USM's main telephone line : ++6 04 6533888

#### ***Office Extension***

USM International : 2770 / 2777 / 2778 / 2771

Examinations Unit : 3121

Data Processing and Records Unit : 3169 / 2336

Admissions Unit : 3141

### **15. Facsimile, Address and Emails of USM International Office**

Telephone : ++604 653 2778

Facsimile : ++604 653 2781

++604 653 2782

Address : USM International

Division of Academic & International Affairs

Universiti Sains Malaysia

11800 Minden

Penang, Malaysia

[interel@notes.usm.my](mailto:interel@notes.usm.my)

**For inquiries, please contact:**

Ms. Norpisah Mat Isa	++604 653 2777	<a href="mailto:norpisah@notes.usm.my">norpisah@notes.usm.my</a>
Ms. Syahnaz Riza Sukor	++604 653 2779	<a href="mailto:syahnaz_riza@notes.usm.my">syahnaz_riza@notes.usm.my</a>
Ms. Farah Man	++604 653 2774	<a href="mailto:farah_man@notes.usm.my">farah_man@notes.usm.my</a>
Ms. Latifah Abdul Latif	++604 653 2778	<a href="mailto:latifah@notes.usm.my">latifah@notes.usm.my</a>
Ms. Eliza Yasmin Dahlan	++604 653 3104	<a href="mailto:eliza_yasmin@notes.usm.my">eliza_yasmin@notes.usm.my</a>
Ms. Asma Awie	++604 653 2492	<a href="mailto:asmaawie@notes.usm.my">asmaawie@notes.usm.my</a>
Ms. Rohani Jaafar	++604 653 2770	<a href="mailto:rohanij@notes.usm.my">rohanij@notes.usm.my</a>
Ms. Norliza Hussein	++604 653 2710	<a href="mailto:hnorliza@notes.usm.my">hnorliza@notes.usm.my</a>
Ms. Dimas Harun	++604 653 2771	<a href="mailto:dimas@notes.usm.my">dimas@notes.usm.my</a>
Mr. Wan Muhammad Noor	++604 653 2772	<a href="mailto:wanmnoor@notes.usm.my">wanmnoor@notes.usm.my</a>
Ms. Roshimah Hassan	++604 653 2493	<a href="mailto:roshimah@notes.usm.my">roshimah@notes.usm.my</a>
Mr. Tajuddin	++604 653 2493	<a href="mailto:dinteksi@yahoo.com">dinteksi@yahoo.com</a>
Ms. Kok Lai Foon	++604 653 2773	<a href="mailto:klfoon@notes.usm.my">klfoon@notes.usm.my</a>
Ms. Nor Azawati Abd. Malek	++604 653 2775	<a href="mailto:azawati@notes.usm.my">azawati@notes.usm.my</a>
Mr. Zakry Razman Zamir	++604 653 3907	<a href="mailto:toopark@yahoo.com">toopark@yahoo.com</a>

## School of Management

### Academic Session 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
ACE 390/3 – TAXATION ISSUES	091		NAME: MR. ANG JILI EMAIL: <a href="mailto:angjili@usm.my">angjili@usm.my</a>
ACE 450/3 – MANAGEMENT AUDIT	091		NAME: DR AINUDDIN BAHARI EMAIL: <a href="mailto:ainuddin@usm.my">ainuddin@usm.my</a>
ACE 462/3 – INTERNATIONAL ACCOUNTING	091		NAME: DR SOFRI YAHYA EMAIL: <a href="mailto:sofri@usm.my">sofri@usm.my</a>
ACE 463/3 – FINANCIAL VALUATION MODELS	091		NAME: DR MD HARASHID HARON EMAIL: <a href="mailto:harashid@usm.my">harashid@usm.my</a>
ACE 464/3 – ISLAMIC ACCOUNTING	092		NAME: DR SOFRI YAHYA EMAIL: <a href="mailto:sofri@usm.my">sofri@usm.my</a>
ACE 490/3 – ISSUES ON TAXATION	093		NAME: MR. ANG JILI EMAIL: <a href="mailto:angjili@usm.my">angjili@usm.my</a>
ACW 110/3 – BUSINESS MATHEMATICS	093		NAME: DR MD HARASHID HARON EMAIL: <a href="mailto:harashid@usm.my">harashid@usm.my</a>
ACW 162/3 – FINANCIAL ACCOUNTING	091		NAME: SOFRI YAHYA EMAIL: <a href="mailto:sofri@usm.my">sofri@usm.my</a>
ACW 163/3 – FINANCIAL ACCOUNTING AND REPORTING I	092		NAME: DR EFFIEZAL ASWADI ABDUL WAHAB EMAIL: <a href="mailto:effiezal@usm.my">effiezal@usm.my</a>
ACW 170/3 – MANAGEMENT ACCOUNTING I	093		NAME: DR GHOLAMREZA ZANDI POUR JOOPARI EMAIL: <a href="mailto:zandi@usm.my">zandi@usm.my</a>
ACW 180/3 – INFORMATION TECHNOLOGY AND ACCOUNTING	091		NAME: DR LAU HOOI PING EMAIL: <a href="mailto:adelinelh@usm.my">adelinelh@usm.my</a>
ACW 203/4 – COMPANY LAW AND SECRETARIAL PRACTISES	091		NAME: DR HAZRIL IZWAR IBRAHIM EMAIL: <a href="mailto:izwar70@usm.my">izwar70@usm.my</a>

ACW 204/3 – COMPANY LAW AND SECRETARIAL PRACTISES	091		NAME: DR HAZRIL IZWAR IBRAHIM EMAIL: <a href="mailto:izwar70@usm.my">izwar70@usm.my</a>
ACW 250/3 - AUDITING	093		NAME: DR EFFIEZAL ASWADI ABDUL WAHAB EMAIL: <a href="mailto:effiezal@usm.my">effiezal@usm.my</a>
ACW 262/3 – FINANCIAL ACCOUNTING AND REPORTING 1	091		NAME: DR PHUA LIAN KEE EMAIL: <a href="mailto:phualk@usm.my">phualk@usm.my</a>
ACW 263/3 – FINANCIAL ACCOUNTING AND REPORTING II	093		NAME: DR PHUA LIAN KEE EMAIL: <a href="mailto:phualk@usm.my">phualk@usm.my</a>
ACW 264/3 – FINANCIAL ACCOUNTING AND REPORTING II	093		NAME: DR PHUA LIAN KEE EMAIL: <a href="mailto:phualk@usm.my">phualk@usm.my</a>
ACW 265/3 – FINANCIAL ACCOUNTING AND REPORTING III	092		NAME: DR PHUA LIAN KEE EMAIL: <a href="mailto:phualk@usm.my">phualk@usm.my</a>
ACW 270/3 – MANAGEMENT ACCOUNTING I	093		NAME: DR GHOLAMREZA ZANDI POUR JOOPARI EMAIL: <a href="mailto:zandi@usm.my">zandi@usm.my</a>
ACW 271/3 – MANAGEMENT ACCOUNTING II	093		NAME: DR GHOLAMREZA ZANDI POUR JOOPARI EMAIL: <a href="mailto:zandi@usm.my">zandi@usm.my</a>
ACW 281/3 – ACCOUNTING INFORMATION SYSTEM	093		NAME: MR. NOOR NASIR KADER ALI EMAIL: <a href="mailto:nnasir@usm.my">nnasir@usm.my</a>
ATW393E/4 – MANAGEMENT STRATEGY	091	To make students realize the importance of company/organization as a body that interacts with the environment as a whole. Additionally, this course will explain the interactions among the departments within the organization that leads to its strengths/weaknesses. This course will also discuss the methods used in developing effective corporate management strategies as well as methods of effective strategic implementation.	NAME: MR. MOHD YUSOFF ZAINUN HAMZAH EMAIL: <a href="mailto:zmyusoff@usm.my">zmyusoff@usm.my</a>

ATU396E/4 – ELECTRONIC COMMERCE	091	<p>This course is an introduction to Electronic Commerce (e-commerce). Basically, the course is organized into four parts:</p> <ol style="list-style-type: none"> <li>1. Conceptual foundation of e-commerce.</li> <li>2. Technology infrastructure for e-commerce.</li> <li>3. Business and socio-legal issues that surround the development of e-commerce.</li> <li>4. Real world e-commerce experiences.</li> </ol>	NAME: DR. NOORNINA MD. DAHLAN EMAIL: <a href="mailto:nina@usm.my">nina@usm.my</a>
APW 302E/3 – MANAGEMENT INFORMATION SYSTEM	091	<p>This course is an introduction to Management Information System (MIS) which provide the students with the knowledge of</p> <ul style="list-style-type: none"> <li>• Basic concepts, scope, and characteristics of information systems.</li> <li>• Management and organizational support systems.</li> <li>• Building Information systems.</li> <li>• Internet security systems.</li> </ul>	NAME: DR. NOORNINA MD. DAHLAN EMAIL: <a href="mailto:nina@usm.my">nina@usm.my</a>
APP 373/4 – PRODUCTIVITY AND QUALITY CONTROL	091	<p>This course introduces productivity management and measurements, the relationship between productivity and quality control, statistical process control, managerial issues regarding productivity and quality including TQC and the use of computers in quality control.</p>	NAME: MR. SOD KENG LIN EMAIL: <a href="mailto:ksoh@usm.my">ksoh@usm.my</a>
AMW 340/3 – SERVICE MARKETING	091	<p>This subject examines services marketing and management theory and its application to problems encountered in delivering services and competing in services industries.</p>	NAME: DR. ZAHID MAHMOOD EMAIL: <a href="mailto:zahid@usm.my">zahid@usm.my</a>

AMP 346E/4 – INTERNATIONAL MARKETING	091	This course designed to raise the student's appreciation and ability to apply the marketing management concepts and practices in the international arena.	NAME: DR. SHEIKH MATIUR RAHMAN EMAIL: <a href="mailto:srahman@usm.my">srahman@usm.my</a>
AMP 347E/4 – STRATEGIC MARKETING	091	The course strengthens the student's understanding of the strategic marketing management and its relation to the corporate strategy. Analytical tools and techniques for strategic marketing management, internal and external situation analysis, strategic marketing models and marketing strategies will be discussed.	NAME: MR MOHD SHAFIE ARIFFIN / ASSOC PROF OSMAN MAHAMAD EMAIL: <a href="mailto:mshafie@usm.my">mshafie@usm.my</a> / <a href="mailto:osman@usm.my">osman@usm.my</a>
AMW348/4 – RETAILLING	091	The emergence of new retailers such as Makro, Tesco, Carrefour, Jaya Jusco has introduced another competitive climate to the existing retail industry in Malaysia. This phenomenon poses both an opportunity and threat to the existing retailers. It is an opportunity as it encourages the growth of new small businesses around these hypermarkets. On the other hand it is a threat to the very existence of the traditional smaller retailers such as corner shops and mini markets.	NAME: DR. NORIZAN MAT SAAD/ASSOC. PROF.OSMAN MAHAMAD EMAIL: <a href="mailto:nazim@usm.my">nazim@usm.my</a> / <a href="mailto:osman@usm.my">osman@usm.my</a>

AFP365E/4 – INTERNATIONAL FINANCE	091	International business has grown rapidly for firms in Malaysia. Students need to know how international finance is managed by these firms, such as external(international) investments, fund transfers, analysis and impacts of financial planning when there exist foreign exchanges, financial restrictions and tax laws. In addition, the course will expose the students to the international financial environment, management of foreign exchange exposure and financial planning in the context of international business.	NAME: ASSOC. PROF. SUBRAMANIAM EMAIL: <a href="mailto:spillway@usm.my">spillway@usm.my</a>
AFP 366/4 – FUTURE AND OPTION MARKET	091	The objective of this course is to provide students with an understanding of concepts	NAME: DR NOOR AZLINNA AZIZAN EMAIL: <a href="mailto:nazlina@usm.my">nazlina@usm.my</a>

**FOR FURTHER INFORMATION, PLEASE VISIT OUR WEBSITES AT**

<http://healthycampus.usm.my/kursus/>

<http://www.management.usm.my/>

## SCHOOL OF BIOLOGY SCIENCE

### Academic Session 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
BAT 201/3 – LIMNOLOGY	091		Name: DR WAN MAZNAH WAN OMAR Email: <a href="mailto:wmaznah@usm.my">wmaznah@usm.my</a>
BAT 202/3 - OCEANOGRAPHY	091		Name: PROFESOR ZULFIGAR YASIN Email: <a href="mailto:zulfigar@notes.usm.my">zulfigar@notes.usm.my</a>
BAT 213/4 – COASTAL MARINE ECOSYSTEM	092		Name: DR TAN SHAU HWAI Email: <a href="mailto:aileen@usm.my">aileen@usm.my</a>
BAT 215/3 – ICHTHYOLOGY	091		Name: DR MANSOR BIN MAT ISA Email: <a href="mailto:drmansor@usm.my">drmansor@usm.my</a>
BAT 300/8 – PROJECT IN AQUATIC BIOLOGY	096		PENSYARAH DALAM BIDANG BERKENAAN
BAT 302/3 – FISHERIES MANAGEMENT	092		Name: DR MANSOR MAT ISA Name: DR KHAIRUN YAHYA Email: <a href="mailto:khairun@usm.my">khairun@usm.my</a>
BAT 311/3 – MANAGEMENT OF AQUATIC ECOSYSTEMS	092		Name: PROFESOR ZULFIGAR YASIN Email: <a href="mailto:zulfigar@notes.usm.my">zulfigar@notes.usm.my</a>
BAT 313/4 – AQUACULTURE	091		Name: PROF MADYA NG WING KEONG Email: <a href="mailto:wkng@usm.my">wkng@usm.my</a>
BBT 211/3 – PLANT KINGDOM	091		Name: MRS. SITI NURDIJATI BAHARUDDIN Email: <a href="mailto:snurdi@usm.my">snurdi@usm.my</a>
BBT 212/3 – COMPARATIVE PLANT ANATOMY	091		Name: MRS. SITI NURDIJATI BAHARUDDIN Email: <a href="mailto:snurdi@usm.my">snurdi@usm.my</a>
BBT 213/4 – PLANT PHYSIOLOGY AND DEVELOPMENT	092		Name: DR FOONG SWEE YEOK Email: <a href="mailto:foong@usm.my">foong@usm.my</a>
BBT 300/8 – PROJECT IN PLANT BIOLOGY	096		PENSYARAH DALAM BIDANG BERKENAAN

BBT 301/3 – PLANT GENETICS	091		Name: PROF MADYA KAMARUZAMAN MOHAMED Email: <a href="mailto:mkamar@usm.my">mkamar@usm.my</a>
BBT 302/3 – ECONOMIC BOTANY	091		Name: DR FOONG SWEE YEOK Email: <a href="mailto:foong@usm.my">foong@usm.my</a>
BBT 303/3 – PLANT MOLECULAR BIOLOGY	092		Name: PROF MADYA KAMARUZAMAN MOHAMED Email: <a href="mailto:mkamar@usm.my">mkamar@usm.my</a>
BBT 304/3 - PLANT TISSUE CULTURE	092		Name: PROF CHAN LAI KENG Email: <a href="mailto:lkchan@usm.my">lkchan@usm.my</a>
BGT 211/ 4 – ENTOMOLOGY	091		Name: ENCIK AHMAD RAMLI SAAD Email: <a href="mailto:aramli@usm.my">aramli@usm.my</a>
BGT 212/2 – ENTOMOLOGY PRACTICAL	091		Name: PROF MADYA CHE SALMAH MD RAWI Email: <a href="mailto:csalmah@usm.my">csalmah@usm.my</a>
BGT 213/3 – PLANT PATHOLOGY	092		Name: DR MAZIAH ZAKARIA Email: <a href="mailto:maziah@usm.my">maziah@usm.my</a>
BGT 214/2 – BASIC LABORATORY COURSE IN PLANT PATHOLOGY	092		Name: DR MAZIAH ZAKARIA Email: <a href="mailto:maziah@usm.my">maziah@usm.my</a>

**THERE ARE ALSO DIFFERENT COURSES THAT YOU CAN FIND AT OUR WEBSITES AT:**

<http://www.usm.my/bio/bioschool>

<http://healthycampus.usm.my/kursus/>

# SCHOOL OF COMPUTER SCIENCES

## ACADEMIC SESSION 2009/2010,

Course Code/ Title	Unit	Synopsis	Name of Lecture
CLE 201/2 - INTEGRATED SOFTWARE DEVELOPMENT WORKSHOP	091		NAME: DR DHANESH RAMACHANDRAM EMAIL: <a href="mailto:ghaneshr@cs.usm.my">ghaneshr@cs.usm.my</a>
CLE 301/2 - RESEARCH METHODS AND SPECIAL TOPIC STUDY	091		NAME: DR SHAHIDA SULAIMAN EMAIL: <a href="mailto:shahida@cs.usm.my">shahida@cs.usm.my</a>
CLT 200/2 - GROUP PROJECT	092		ALL LECTURERS
CLT 201/8 - INDUSTRIAL TRAINING	091		ALL LECTURERS
CLT 202/8 – UNDERGRADUATE RESEARCH TRAINING	091		ALL LECTURERS
CLT 300/3 - PROFESSIONAL ISSUES & SPECIAL TOPICS SEMINAR	091		NAME: MRS. ROSNAH IDRUS EMAIL: <a href="mailto:rosnah@cs.usm.my">rosnah@cs.usm.my</a>
CLT 301/6 - UNDERGRADUATE PROJECT	096		ALL LECTURERS
CLT 302/6 - UNDERGRADUATE RESEARCH PROJECT	096		ALL LECTURERS
CLT 303/2 - PROFESSIONAL & TECHNOPRENEURSHIP DEVELOPMENT	091		NAME: MRS. ROSNAH IDRUS EMAIL: <a href="mailto:rosnah@cs.usm.my">rosnah@cs.usm.my</a>
CMM 111/2 - INFORMATION TECHNOLOGY CONCEPTS & SKILLS	093		NAME: PROF MADYA MUHAMMAD RAFIE MOHD ARSHAD EMAIL: <a href="mailto:rafie@usm.my">rafie@usm.my</a>
CMM 211/4 - MULTIMEDIA, INTERNET & NETWORKING	091		NAME: MR. AZLAN OSMAN EMAIL: <a href="mailto:azlan@cs.usm.my">azlan@cs.usm.my</a>
CMM 221/3 - MULTIMEDIA SYSTEMS	091		NAME: MR. AZLAN OSMAN EMAIL: <a href="mailto:azlan@cs.usm.my">azlan@cs.usm.my</a>
CMM 222/4 - DATABASE ORGANISATION & DESIGN	092		NAME: MRS. ROSNAH IDRUS EMAIL: <a href="mailto:rosnah@cs.usm.my">rosnah@cs.usm.my</a>

CMM 311/4 - SYSTEM ANALYSIS & DESIGN	091		NAME: MRS. WAHIDAH HUSAIN EMAIL: <a href="mailto:wahidah@cs.usm.my">wahidah@cs.usm.my</a>
CMM 312/4 - MANAGEMENT OF INFORMATION SYSTEMS	091		NAME: DR NASRIAH ZAKARIA EMAIL: <a href="mailto:nasriah@cs.usm.my">nasriah@cs.usm.my</a>
CMM 321/4 - SYSTEMS ANALYSIS & DESIGN	091		NAME: MRS. WAHIDAH HUSAIN EMAIL: <a href="mailto:wahidah@cs.usm.my">wahidah@cs.usm.my</a>
CMM 322/3 - INFORMATION SYSTEMS THEORY & MANAGEMENT	091		NAME: DR NASRIAH ZAKARIA EMAIL: <a href="mailto:nasriah@cs.usm.my">nasriah@cs.usm.my</a>
CMM 323/3 - WEB ENGINEERING & TECHNOLOGIES	092		NAME: MRS. UMI KALSOM YUSOF EMAIL: <a href="mailto:umiyusof@cs.usm.my">umiyusof@cs.usm.my</a>
CMM 324/3 - E-BUSINESS STRATEGY, ARCHITECTURE & DESIGN	092		NAME: MRS. WAHIDAH HUSAIN EMAIL: <a href="mailto:wahidah@cs.usm.my">wahidah@cs.usm.my</a>
CMT 201/4 - DATABASE ORGANISATION & DESIGN	093		NAME: DR YAP FA TOH EMAIL: <a href="mailto:ftvap@cs.usm.my">ftvap@cs.usm.my</a>
CLE 200E/2 – INTERGRATED PROGRAMMING WORKSHOP	091	To improve programming skills through mini projects using Java Language. To enhance knowledge in advanced programming techniques, Graphical User Interface (GUI) and multimedia and internet programming. To introduce basic concepts in human-computer interaction (HCI).	NAME: MR. AZLAN OSMAN EMAIL: <a href="mailto:azlan@cs.usm.my">azlan@cs.usm.my</a>
CLT 300E/3 – PROFESIONAL ISSUES & SPECIAL TOPICS SEMINAR	091	This course is essentially divided into 2 components: i. Profesional Issues ii. Special Topics  Part one discuss computer ethics and the social implications of ICT and Part two allows the students to carry out study on special topic which is current issues/ advanced topics.	NAME: MS. ROSNAH IDRUS EMAIL: <a href="mailto:rosnah@cs.usm.my">rosnah@cs.usm.my</a>

CCS 503/4 – INTELLIGENT DOCUMENT PROCESSING	091	The general aim of this course is to introduce students to the basics of natural language processing, with an emphasis on its practical applications.	NAME: DR CHUAH CHOY KIM EMAIL: <a href="mailto:kimc@cs.usm.my">kimc@cs.usm.my</a>
CCS 521/4 – ADVANCED DISTRIBUTED SYSTEMS CONCEPTS AND DESIGN	091	This course focuses on concepts and principles that arise in the design and implementation of distributed applications. Topics covered includes communication in distributed systems, synchronizations, coordination and agreement in distributed systems and grid computing.	NAME: DR CHAN HUAH YONG EMAIL: <a href="mailto:hychan@cs.usm.my">hychan@cs.usm.my</a>
CCS 543/4 – DATA VISUALISATION	091	This course aims to introduce the basic concepts in visualization, related technologies and visualization in medical, engineering and scientific application. Students will learn the basic visualization concepts such as filtering, mapping, and rendering.	NAME: DR. BAHARI BELATON EMAIL: <a href="mailto:bahari@cs.usm.my">bahari@cs.usm.my</a>

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# SCHOOL OF ENGINEERING

## ACADEMIC SESSION 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
EAA 110/2 - CIVIL ENGINEERING DRAWING	092		NAME: MRS. MASTURA AZMI EMAIL: <a href="mailto:cemastura@eng.usm.my">cemastura@eng.usm.my</a>
EAA 203/2 - STRUCTURE, CONCRETE AND FLUIDS MECHANICS	092		NAME: DR J. JAYAPRAKASH EMAIL: <a href="mailto:jaypee@eng.usm.my">jaypee@eng.usm.my</a>
EAA 204/2 - STRUCTURAL ENGINEERING AND STRENGTH OF MATERIALS LAB	091		NAME: MR. MUSTAFASANIE M YUSSOF EMAIL: <a href="mailto:cemustafa@eng.usm.my">cemustafa@eng.usm.my</a>
EAA 273/2 - CIVIL ENGINEERING PRACTICE	092		NAME: DR FARID EZANEE MOHAMED GHAZALI EMAIL: <a href="mailto:cefarid@eng.usm.my">cefarid@eng.usm.my</a>
EAA 304/2 - GEOTECHNICAL HIGHWAY AND TRAFFIC ENGINEERING LABORATORY	092		NAME: DR LEONG LEE VIEN EMAIL: <a href="mailto:celeong@eng.usm.my">celeong@eng.usm.my</a>
EAA 305/2 - HYDRAULIC, GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING LAB.	091		NAME: DR SYAFALNI EMAIL: <a href="mailto:cesyafalni@eng.usm.my">cesyafalni@eng.usm.my</a>
EAA 371/5 - INDUSTRIAL TRAINING	091		ALL LECTURERS
EAA 384/2 - CONSTRUCTION TECHNOLOGY	091		NAME: DR SHAHID KABIR EMAIL: <a href="mailto:ceshahidkabar@eng.usm.my">ceshahidkabar@eng.usm.my</a>
EAA 393/2 - COMPUTATION AND PROBLEM SOLVING IN CIVIL ENGINEERING	092		NAME: PROF MADYA MOHD SANUSI S. AHAMAD EMAIL: <a href="mailto:cesanusu@eng.usm.my">cesanusu@eng.usm.my</a>
EAA 455/2 - REINFORCED CONCRETE STRUCTURAL DESIGN II	091		NAME: MR. SHAHARUDIN SHAH ZAINI EMAIL: <a href="mailto:shaharudin@eng.usm.my">shaharudin@eng.usm.my</a>
EAA 483/2 - CONSTRUCTION MANAGEMENT	091		NAME: DR FARID EZANEE MOHAMED GHAZALI EMAIL: <a href="mailto:cefarid@eng.usm.my">cefarid@eng.usm.my</a>
EAA 492/6 - FINAL YEAR PROJECT	096		DEPUTY DEANS ACADEMIC
EAG 245/3 - SOIL MECHANICS	092		NAME: MRS. MASTURA AZMI EMAIL: <a href="mailto:cemastura@eng.usm.my">cemastura@eng.usm.my</a>
EAG 345/3 - GEOTECHNICAL ANALYSIS	091		NAME: PROF MADYA FAUZIAH AHMAD EMAIL: <a href="mailto:cefahmad@eng.usm.my">cefahmad@eng.usm.my</a>

EAG 346/2 - GEOTECHNICAL DESIGN	091		NAME: PROF MADYA FAUZIAH AHMAD EMAIL: <a href="mailto:cefahmad@eng.usm.my">cefahmad@eng.usm.my</a>
EAG 442/4 - ADVANCED GEOTECHNICAL ENGINEERING	092		NAME: PROF MADYA MOHAMAD RAZIP BIN SELAMAT EMAIL: <a href="mailto:cemrs@eng.usm.my">cemrs@eng.usm.my</a>
EAH 221/3 - FLUIDS MECHANICS FOR CIVIL ENGINEERS	091		NAME: DR MOHAMMAD AZAMATHULLA HAZI EMAIL: <a href="mailto:redacazamath@eng.usm.my">redacazamath@eng.usm.my</a>
EAH 225/3 - HYDRAULICS	092		NAME: PROFESOR AMINUDDIN AB GHANI EMAIL: <a href="mailto:ceamin@eng.usm.my">ceamin@eng.usm.my</a>
EAH 325/3 - ENGINEERING HYDROLOGY	092		NAME: PROF MADYA ROZI BIN ABDULLAH EMAIL: <a href="mailto:cerози@eng.usm.my">cerози@eng.usm.my</a>
EAH 416/2 - RIVER CONSERVATION AND REHABILITATION	091		NAME: PROFESOR AMINUDDIN AB GHANI EMAIL: <a href="mailto:ceamin@eng.usm.my">ceamin@eng.usm.my</a>
EAH 422/4 - ADVANCED WATER RESOURCES ENGINEERING	091		NAME: DR SYAFALNI EMAIL: <a href="mailto:cesyafalni@eng.usm.my">cesyafalni@eng.usm.my</a>

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<http://chemical.eng.usm.my/>

<http://civil.eng.usm.my/>

<http://mechanical.eng.usm.my/>

# SCHOOL OF PHARMACEUTICAL SCIENCES

## ACADEMIC SESSION 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
FAR 111/4 - PRINCIPLES OF CHEMISTRY FOR PHARMACY	091		NAME: PROF MADYA NORNISAH MOHAMED EMAIL: <a href="mailto:nornisah@usm.my">nornisah@usm.my</a>
FAR 112/3 - ORGANIC CHEMISTRY I	092		NAME: PROF MADYA AMIRIN SADIKUN EMAIL: <a href="mailto:amirin@usm.my">amirin@usm.my</a>
FAR 121/4 - MICROBIOLOGY FOR PHARMACY	091		NAME: PROF MADYA PAZILAH IBRAHIM EMAIL: <a href="mailto:pazilah@usm.my">pazilah@usm.my</a>
FAR 122/4 - DOSAGE FORM I	092		NAME: YVONNE TZE FUNG TAN EMAIL: <a href="mailto:yvonne@usm.my">yvonne@usm.my</a>
FAR 131/3 - BASIC PHYSIOLOGY	091		NAME: DR AIDIAHMAD DEWA EMAIL: <a href="mailto:aidiahmad@usm.my">aidiahmad@usm.my</a>
FAR 141/4 - PERIPHERAL NERVOUS SYSTEM AND THERAPY	092		NAME: PROFESOR CHAN KIT LAM EMAIL: <a href="mailto:klchan@usm.my">klchan@usm.my</a>
FAR 151/4 - STATISTICS FOR PHARMACY	091		NAME: PROF MADYA MOHAMED IZHAM MOHAMED IBRAHIM EMAIL: <a href="mailto:mizham@usm.my">mizham@usm.my</a>
FAR 152/2 - PUBLIC HEALTH PHARMACY	091		NAME: DR MOHAMED AZMI AHMAD HASSALI EMAIL: <a href="mailto:azmihassali@usm.my">azmihassali@usm.my</a>
FAR 153/2 - COMMUNICATION SKILL IN PHARMACY PRACTICE	092		NAME: PROF MADYA AZMI SARRIFF EMAIL: <a href="mailto:azmi@usm.my">azmi@usm.my</a>
FAR 161/2 - BASIC PHARMACOLOGY AND IMMUNOPHARMACOLOGY	092		NAME: DR AMIN MALIK SHAH ABDUL MAJID EMAIL: <a href="mailto:aminmalikshah@usm.my">aminmalikshah@usm.my</a>
FAR 211/3 - BIOCHEMISTRY AND BASIC PRINCIPLES OF MOLECULAR BIOLOGY	091		NAME: DR SALIZAWATI BINTI MUHAMAD SALHIMI EMAIL: <a href="mailto:saliza@usm.my">saliza@usm.my</a>

FAR 212/2 - PRINCIPLES OF MEDICINAL CHEMISTRY	091		NAME: DR AISYAH SAAD ABDUL RAHIM EMAIL: <a href="mailto:aisyah@usm.my">aisyah@usm.my</a>
FAR 213/4 - ORGANIC CHEMISTRY II AND PHYTOCHEMISTRY	092		NAME: DR AISYAH SAAD ABDUL RAHIM EMAIL: <a href="mailto:aisyah@usm.my">aisyah@usm.my</a>
FAR 222/3 - DOSAGE FORM II	091		NAME: PROF MADYA YUSRIDA DARWIS EMAIL: <a href="mailto:yusrida@usm.my">yusrida@usm.my</a>
FAR 223/3 - PHYSICAL PHARMACY II	092		NAME: PROFESOR PEH KOK KHIANG EMAIL: <a href="mailto:kkpeh@usm.my">kkpeh@usm.my</a>
FAR 241/4 - ANTIMICROBIAL THERAPY	091		NAME: PROF MADYA ABAS BIN HUSSIN EMAIL: <a href="mailto:abas@usm.my">abas@usm.my</a>
FAR 242/4 - ENDOCRINE SYSTEM AND METABOLISM	092		NAME: MRS. KHAIRUL NIZA ABDUL RAZAK EMAIL: <a href="mailto:niza@usm.my">niza@usm.my</a>
FAR 243/2 - PHARMACOGNOSY I	092		NAME: PROFESOR ZHARI ISMAIL EMAIL: <a href="mailto:zhari@usm.my">zhari@usm.my</a>
FAR 251/2 - PHARMACoinFORMATICS	092		NAME: PROF MADYA AB FATAH AB. RAHMAN EMAIL: <a href="mailto:fatah@usm.my">fatah@usm.my</a>
FAR 311/3 - PHARMACEUTICAL ANALYSIS I	091		NAME: PROF MADYA GAM LAY HARN EMAIL: <a href="mailto:layharn@usm.my">layharn@usm.my</a>

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## SCHOOL OF HUMANITIES

### ACADEMIC SESSION 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
HBT 306E/4 - CONTEMPORARY ENGLISH GRAMMAR	091		NAME: DR HASLINA HAROON EMAIL: <a href="mailto:haslina@usm.my">haslina@usm.my</a>
HBT 306E/4 - COMPUTER AIDED TRANSLATION: THEORY AND STRATEGY	093		NAME: DR WAN ROSE ELIZA ABDUL RAHMAN EMAIL: <a href="mailto:wardah@usm.my">wardah@usm.my</a>
HEA 101/4 - INTRODUCTION TO ENGLISH LANGUAGE STUDIES	091	This is a foundation course which aims to help develop the skills students need to communicate effectively in English. The main emphasis of this course is the development of the four language skills, reading, writing, speaking and listening.	NAME: DR RAJA ROZINA RAJA SULEIMAN EMAIL: <a href="mailto:rrozina@usm.my">rrozina@usm.my</a>
HEK 212/3 - ORAL COMMUNICATION AND PUBLIC SPEAKING IN ENGLISH	092	This course aims to help develop the students' public speaking skills. It is divided into two parts. The first part provides the theoretical framework for oral communication and public speaking in English while the second part deals with the actual mechanism in speaking.	NAME: PROF MADYA SARJIT KAUR GURDIAL SINGH EMAIL: <a href="mailto:sarjit@usm.my">sarjit@usm.my</a>
HEK 222/3 - CRITICAL READING AND WRITING	092	The course will provide an introduction to the critical reading of informative, persuasive and entertaining texts. The students will also see how texts may be read in different ways by different readers.	NAME: PROFESOR AMBIGAPATHY PANDIAN EMAIL: <a href="mailto:ambiga@usm.my">ambiga@usm.my</a>
HET 123/4 - A STUDY OF LANGUAGE	092	The primary objective of this course is to provide a broad understanding of human language and of the methods and techniques employed by linguists in arriving at that understanding.	NAME: DR AZIMAH SAZALIE EMAIL: <a href="mailto:azimah@usm.my">azimah@usm.my</a>

HET 212/4 - CHILDREN'S LITERATURE	091	The course provides an introduction to the general field of children's literature and aims to familiarize students with some of its major genres, texts and issues; the history of children's literature.	NAME: DR AZLENA ZAINAL EMAIL: <a href="mailto:azlina@usm.my">azlina@usm.my</a>
HET 213/4 - STRUCTURE AND GRAMMAR IN ENGLISH	091	This course deals with how the English language works. It is a course on the study of English grammar and its usage in language.  The course will introduce the student to an appraisal of the value of grammar in present day education.	NAME: DR MUNIR SHUIB EMAIL: <a href="mailto:munir@usm.my">munir@usm.my</a>
HET 224/4 - STYLE IN CONTEMPORARY LITERATURE IN ENGLISH	092	This course will introduce students to new creative works written in English. It will examine the concerns, interests, experiences and themes represented in the various works by literary artists from different parts of the world.	NAME: DR MOHAMAD RASHIDI MOHD PAKRI EMAIL: <a href="mailto:rashidi@usm.my">rashidi@usm.my</a>
HET 311/4 - SEMANTICS	091	This course focuses on important semantic elements and discusses the main approaches to the study of meaning. Meaning is analysed based on two basic semantic concepts namely sense and reference. Hence, the relation, between words and the world, and between the sound and the person is actually the keyword by studying this subject.	NAME: PROF MADYA HAJAR ABDUL RAHIM EMAIL: <a href="mailto:hajar@usm.my">hajar@usm.my</a>
HET 312/4 - DISCOURSE ANALYSIS	091	The main aim of this course is to study the organisation of language beyond the levels of sentence and clause. It is an attempt to identify and analyse the formal linguistic features that bind texts together to form coherent wholes.	NAME: DR AZIMAH SAZALIE EMAIL: <a href="mailto:azimah@usm.my">azimah@usm.my</a>

HET 313/4 - SOCIOLOGICAL LINGUISTICS	091	This course will be concerned with language as a social and cultural phenomenon. This includes the focus on speech community, code diversity, language use, attitude and language planning.	NAME: SOR AMBIGAPATHY PANDIAN EMAIL: <a href="mailto:ambiga@usm.my">ambiga@usm.my</a>
HET 314/4 - SELECTED WORKS OF DRAMA	091	This course will introduce student so selected works of drama in the English language (including translated works) from Britain, Europe, the America and Asia.  The aim of the course is to look into theater as a whole in terms of methodology and guidelines.	NAME: DR SUZANA MUHAMMAD EMAIL: <a href="mailto:szna@usm.my">szna@usm.my</a>
HET 321/4 - WRITING FOR PROFESSIONAL PURPOSES	091	This course will focus on the theory and practice of professional writing.  As such, students will be introduced to the skills and methods of the different types of professional writing. This includes different types of report writing, letter writing and others.	NAME: DR MUNIR SHUIB EMAIL: <a href="mailto:munir@usm.my">munir@usm.my</a>
HET 322/4 - LANGUAGE, POWER AND IDEOLOGY	092	The primary objective of this course is to show the relationship between language, power and ideology, i.e. connections which may be hidden from people. In essence, this course attempts to show how linguistic rules and conventions that are drawn upon in society.	NAME: PROF MADYA SHAKILA ABDUL MANAN EMAIL: <a href="mailto:shakila@usm.my">shakila@usm.my</a>
HET 323/4 - CONTRASTIVE AND ERROR ANALYSIS	092		NAME: DR AZIMAH SAZALIE EMAIL: <a href="mailto:azimah@usm.my">azimah@usm.my</a>
HET 324/4 - COMPUTATIONAL LINGUISTICS	092	The course introduces students to natural language processing (NLP) by means of this relatively new discipline which combines the field of linguistics and computer science.	NAME: PROF MADYA HAJAR ABDUL RAHIM EMAIL: <a href="mailto:hajar@usm.my">hajar@usm.my</a>

HFI 302E/4 - ISLAMIC PHILOSOPHY	092		NAME: PROF MADYA ZAILAN MORIS EMAIL: <a href="mailto:zailan@usm.my">zailan@usm.my</a>
HFP 303E/4 - ASIAN THOUGHT: INDIAN, CHINESE AND JAPANESE	092		NAME: MR. PETER GAN CHONG BENG EMAIL: <a href="mailto:petergan@usm.my">petergan@usm.my</a>
HXE 107/3 - THEORIES OF RECEPTIVE AND PRODUCTIVE SKILLS	091	The course deals with the theories of receptive (reading and listening) and productive (speaking and writing) skills. Students will be exposed to various aspects of the development of teaching strategies, different approaches and current trends for teaching.	NAME: PROF MADYA SARJIT KAUR GURDIAL SINGH EMAIL: <a href="mailto:sarjit@usm.my">sarjit@usm.my</a>

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# SCHOOL OF INDUSTRIAL TECHNOLOGY

## ACADEMIC SESSION 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
IBG 102/3 - BIOLOGY FOR TECHNOLOGISTS	092		NAME: DR LIONG MIN TZE EMAIL: <a href="mailto:mintze.liong@usm.my">mintze.liong@usm.my</a>
IBG 202/3 - INDUSTRIAL IMCROBIOLOGY	091		NAME: MRS. WAN NADIAH WAN ABDULLAH EMAIL: <a href="mailto:wnadiah@usm.my">wnadiah@usm.my</a>
IBG 203/3 - BIOANALYSIS I	091		NAME: PROF MADYA NORZIAH MOHD HANI EMAIL: <a href="mailto:norziah@usm.my">norziah@usm.my</a>
IBK 201/3 - FUNDAMENTALS OF BIOPROCESS TECHNOLOGY	091		NAME: DR ROSMA AHMAD EMAIL: <a href="mailto:rosmah@usm.my">rosmah@usm.my</a>
IBK 211/3 - FOOD BIOPROCESS TECHNOLOGY	091		NAME: DR LIONG MIN TZE EMAIL: <a href="mailto:mintze.liong@usm.my">mintze.liong@usm.my</a>
IEA 201/2 - UNIT OPERATIONS LABORATORY	092		NAME: MR. RIZOL MD ARIFF EMAIL: <a href="mailto:rizol@usm.my">rizol@usm.my</a>
IEK 101/3 - CHEMICAL PROCESS CALCULATIONS	093		NAME: PROF MADYA NORHASHIMAH MORAD EMAIL: <a href="mailto:nhashima@usm.my">nhashima@usm.my</a>
IEK 105/3 - TREATMENT AND MANAGEMENT OF SOLID WASTE	092		NAME: DR NORLI ISMAIL EMAIL: <a href="mailto:norlii@usm.my">norlii@usm.my</a>
IEK 107/3 - THERMODYNAMICS	092		NAME: PROF MADYA NORHASHIMAH MORAD EMAIL: <a href="mailto:nhashima@usm.my">nhashima@usm.my</a>
IEK 108/3 - PROCESS FLUID MECHANICS	092		NAME: PROFESOR TENG CHONG SIEW @ TENG TJOON TOW EMAIL: <a href="mailto:tteng@usm.my">tteng@usm.my</a>
IEK 205/3 - AIR POLLUTION CONTROL TECHNOLOGY	092		NAME: PROF MADYA MAHAMAD HAKIMI IBRAHIM EMAIL: <a href="mailto:mhakimi@usm.my">mhakimi@usm.my</a>

IEK 211/3 - EQUIPMENT DESIGN FOR WATER TREATMENT	092		NAME: PROFESOR MOHD OMAR AB KADIR EMAIL: <a href="mailto:akmomar@usm.my">akmomar@usm.my</a>
IEK 212/3 - PROCESS HEAT TRANSFER	091		NAME: PROFESOR TENG CHONG SIEW @ TENG TJOON TOW EMAIL: <a href="mailto:ttteng@usm.my">ttteng@usm.my</a>
IEK 213/3 - MASS TRANSFER AND SEPARATION PROCESSES	092		NAME: PROFESOR TENG CHONG SIEW @ TENG TJOON TOW EMAIL: <a href="mailto:ttteng@usm.my">ttteng@usm.my</a>
IEK 215/3 - ENVIRONMENTAL, SAFETY AND HEALTH LEGISLATION	092		NAME: MS. FERA FIZANI AHMAD FIZRI EMAIL: <a href="mailto:fera@usm.my">fera@usm.my</a>
IEK 216/3 - COMPUTER APPLICATIONS IN INDUSTRY	091		NAME: DR ANEES AHMAD EMAIL: <a href="mailto:anees@usm.my">anees@usm.my</a>
IEK 306/3 - TREATMENT AND MANAGEMENT OF SCHEDULED WASTE	091		NAME: PROF MADYA NORHASHIMAH MORAD EMAIL: <a href="mailto:nhashima@usm.my">nhashima@usm.my</a>
IEK 307/3 - NOISE AND VIBRATION CONTROL TECHNOLOGY	091		NAME: PROFESOR MOHD OMAR AB KADIR EMAIL: <a href="mailto:akmomar@usm.my">akmomar@usm.my</a>
IEK 308/3 - INDUSTRIAL WASTEWATER TREATMENT PLANT DESIGN	091		NAME: DR NORLI ISMAIL EMAIL: <a href="mailto:norlii@usm.my">norlii@usm.my</a>
IEK 309/3 - CHEMODYNAMICS	092		NAME: PROFESOR TENG CHONG SIEW @ TENG TJOON TOW EMAIL: <a href="mailto:ttteng@usm.my">ttteng@usm.my</a>

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# SCHOOL OF CHEMICAL SCIENCES

## ACADEMIS SESSIONS 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
KAE 248/2 - ADVANCED PRACTICAL-ANALYTICAL CHEMISTRY	092		NAME: DR AMAT NGILMI AHMAD SUJARI EMAIL: <a href="mailto:angilmi@usm.my">angilmi@usm.my</a>
KAE 345/3 - SPECIAL TOPICS IN ANALYTICAL CHEMISTRY	091		NAME: DATO <sup>1</sup> PROFESOR MUHAMMAD IDIRIS SALEH EMAIL: <a href="mailto:midiris@usm.my">midiris@usm.my</a>
KAE 346/2 - POLLUTION AND ENVIRONMENTAL CHEMISTRY	092		NAME: PROFESOR MOHD ASRI MOHD NAWI EMAIL: <a href="mailto:masri@usm.my">masri@usm.my</a>
KAT 141/3 - ANALYTICAL CHEMISTRY I	093		NAME: PROFESOR BAHRUDDIN SAAD EMAIL: <a href="mailto:bahrud@usm.my">bahrud@usm.my</a>
KAT 242/3 - SPECTROSCOPIC METHODS	091		NAME: DR MD SARIFF JAB EMAIL: <a href="mailto:mdsariff@usm.my">mdsariff@usm.my</a>
KAT 341/3 - POLLUTION AND ENVIRONMENTAL CHEMISTRY	092		NAME: PROFESOR MOHD ASRI MOHD NAWI EMAIL: <a href="mailto:masri@usm.my">masri@usm.my</a>
KAT 347/3 - ELECTROANALYTICAL METHODS	091		NAME: PROF MADYA SULAIMAN AB GHANI EMAIL: <a href="mailto:sag@usm.my">sag@usm.my</a>
KFE 331/3 - SPECIAL TOPICS IN PHYSICAL CHEMISTRY	091		NAME: DR ROHANA ADNAN EMAIL: <a href="mailto:r_adnan@usm.my">r_adnan@usm.my</a>
KFT 131/3 - PHYSICAL CHEMISTRY I	093		NAME: DR AFIDAH ABDUL RAHIM EMAIL: <a href="mailto:afidah@usm.my">afidah@usm.my</a>
KFT 232/3 - PHYSICAL CHEMISTRY II	092		NAME: PROF MADYA SENG CHYE ENG EMAIL: <a href="mailto:ceseng@usm.my">ceseng@usm.my</a>
KFT 331/3 - PHYSICAL CHEMISTRY III	091		NAME: PROFESOR LIM POH ENG EMAIL: <a href="mailto:pelim@usm.my">pelim@usm.my</a>
KIE 355/3 - INDUSTRIAL COLOURANTS	091		NAME: MRS. CHE SU ENDUD EMAIL: <a href="mailto:chesu@usm.my">chesu@usm.my</a>

KIE 356/3 - FOOD AND PALM OIL CHEMISTRY	092		NAME: PROFESOR BOEY PENG LIM EMAIL: <a href="mailto:plboey@usm.my">plboey@usm.my</a>
KIE 358/3 - CURRENT TOPICS IN INDUSTRIAL CHEMISTRY	092		NAME: PROF MADYA MOHAMAD ABU BAKAR EMAIL: <a href="mailto:bmohamad@usm.my">bmohamad@usm.my</a>
KIT 253/3 - CHEMICAL ENGINEERING THERMODYNAMICS	091		NAME: PROF MADYA MOHAMAD NASIR MOHAMAD EMAIL: <a href="mailto:mnm@usm.my">mnm@usm.my</a>
KIT 254/2 - POLYMER	092		NAME: MRS. CHE SU ENDUD EMAIL: <a href="mailto:chesu@usm.my">chesu@usm.my</a>
KIT 257/3 - MATERIAL CHEMISTRY	091		NAME: PROF MADYA MOHD JAIN NOORDIN MOHD KASSIM EMAIL: <a href="mailto:mjain@usm.my">mjain@usm.my</a>
KIT 355/2 - UNIT OPERATION PRACTICAL	093		NAME: PROF MADYA MOHAMAD NASIR MOHAMAD EMAIL: <a href="mailto:mnm@usm.my">mnm@usm.my</a>
KIT 356/4 - CHEMICAL PROCESSING	091		NAME: PROF MADYA MOHAMAD ABU BAKAR EMAIL: <a href="mailto:bmohamad@usm.my">bmohamad@usm.my</a>
KOE 223/2 - MECHANISMS IN ORGANIC REACTIONS	091		NAME: DR HASNAH OSMAN EMAIL: <a href="mailto:ohasnah@usm.my">ohasnah@usm.my</a>

**FOR FURTHER INFORMATION ON THE COURSES, YOU CAN VISIT OUR WEBSITES AT**

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<http://www.usm.my/chem/>

# SCHOOL OF LANGUAGE, LITERACIES AND TRANSLATION

## ACADEMIC SESSION 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
LAA 100/2 - ARABIC I	093		NAME: MRS. ROHAIDA IDRIS EMAIL: <a href="mailto:rohaida@usm.my">rohaida@usm.my</a>
LAC 100/2 – CHINESE I	093		NAME: MR. LOO HOOI HUCK EMAIL: <a href="mailto:hh_loo@usm.my">hh_loo@usm.my</a>
LAE 100/2 - SPANISH LANGUAGE I	093		NAME: MS. UMMU SALMAH RAHAMATULLAH EMAIL: <a href="mailto:ummu_salmah@usm.my">ummu_salmah@usm.my</a>
LAG 100/2 - GERMAN I	093		NAME: MRS. SITI WALTRAUD BRIGITTE MAYR EMAIL: <a href="mailto:waltraud@usm.my">waltraud@usm.my</a>
LAJ 100/2 - JAPANESE I	093		NAME: MRS. ZAM ZAM IRYANI CHE ZAINON EMAIL: <a href="mailto:zamzam@usm.my">zamzam@usm.my</a>
LAK 100/2 - KOREAN LANGUAGE I	093		NAME: MRS. KIM HYUN SOOK EMAIL:
LAP 100/2 - FRENCH I	093		NAME: MRS. TUNKU FATIMAH FIRDAUS TUNKU FARIDDUDIN EMAIL: <a href="mailto:fatimah@usm.my">fatimah@usm.my</a>
LAR 100/2 - RUSSIAN LANGUAGE 1	091		NAME: MRS. INESSA CHERKESOVA EMAIL: <a href="mailto:pbinna@eng.usm.my">pbinna@eng.usm.my</a>
LAS 100/2 - THAI I	093		NAME: MS. WALLAPA BURANAWIJARN EMAIL: <a href="mailto:wallapa@usm.my">wallapa@usm.my</a>
LAT 100/2 - TAMIL LANGUAGE I	093		NAME: MR. BALAN CHELLIAH EMAIL: <a href="mailto:balan@usm.my">balan@usm.my</a>
LDN 201/2 - ENGLISH FOR NURSING I	092		NAME: MRS. TETIAN SURIATI CYNTHIA ABDULLAH EMAIL: <a href="mailto:tetian@kb.usm.my">tetian@kb.usm.my</a>
LHP 451/2 - EFFECTIVE READING	093		NAME: MRS. AKMAR MOHAMAD EMAIL: <a href="mailto:akmar@usm.my">akmar@usm.my</a>

LHP 456/2 - SPOKEN ENGLISH	093		NAME: MS. VIJAYA LATSHMI M. SUPPIAH EMAIL: <a href="mailto:vlatsmi@usm.my">vlatsmi@usm.my</a>
LKM 101/0 - PREPARATORY BAHASA MALAYSIA I	093		NAME: MRS. EZALEENA MOHD KHALID EMAIL: <a href="mailto:ezza@usm.my">ezza@usm.my</a>
LHP 458/2 - ENGLISH FOR TRANSLATION	092		NAME: PROF MADYA TENGKU SEPORA TENGKU MAHADI EMAIL: <a href="mailto:tsepora@usm.my">tsepora@usm.my</a>
LLA 100/4 - COMMUNICATIVE ARABIC I	091		NAME: MR. ENID ZUREEN ZAINAL ABIDIN EMAIL: <a href="mailto:enid@usm.my">enid@usm.my</a>
LLC 100/4 - ELEMENTARY CHINESE	091		NAME: DR TANG LAI CHAN EMAIL: <a href="mailto:lctang@usm.my">lctang@usm.my</a>
LLJ 100/4 - ELEMENTARY JAPANESE	091		NAME: MRS. SHIBAHARA RIKA EMAIL: <a href="mailto:shiba@usm.my">shiba@usm.my</a>
LTC 200/2 - COMMUNICATIVE CHINESE II	092		NAME: MR. LOO HOOI HUCK EMAIL: <a href="mailto:hh_loo@usm.my">hh_loo@usm.my</a>
LTP 200/2 - COMMUNICATIVE FRENCH II	093		NAME: MRS. TUNKU FATIMAH FIRDAUS TUNKU FARIDDUDIN EMAIL: <a href="mailto:fatimah@usm.my">fatimah@usm.my</a>

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[http://www.usm.my/pbt/default\\_bm.asp](http://www.usm.my/pbt/default_bm.asp)

# SCHOOL OF MATHEMATICAL SCIENCES

## ACADEMIC SESSIONS 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
MAT 101/4 - CALCULUS	091		NAME: DR LEE SEE KEONG EMAIL: <a href="mailto:ena@cs.usm.my">ena@cs.usm.my</a>
MAT 111/4 - LINEAR ALGEBRA	093		NAME: DR HAJAR SULAIMAN EMAIL: <a href="mailto:hajar@cs.usm.my">hajar@cs.usm.my</a>
MAT 122/4 - DIFFERENTIAL EQUATIONS I	092		NAME: PROF MADYA ZARITA ZAINUDDIN EMAIL: <a href="mailto:zarita@cs.usm.my">zarita@cs.usm.my</a>
MAT 203/4 - VECTOR CALCULUS	091		NAME: PROF MADYA JAMALUDIN MD ALI EMAIL: <a href="mailto:jamaluma@cs.usm.my">jamaluma@cs.usm.my</a>
MAT 251/4 - INTRODUCTION TO OPERATIONS RESEARCH	091		NAME: PROF MADYA ADAM BAHARUM EMAIL: <a href="mailto:adam@cs.usm.my">adam@cs.usm.my</a>
MAT 263/4 - PROBABILITY THEORY	093		NAME: DR NORHASHIDAH AWANG EMAIL: <a href="mailto:shidah@usm.my">shidah@usm.my</a>
MAT 282/4 - ENGINEERING COMPUTATION I	091		NAME: DR ONG HONG CHOON EMAIL: <a href="mailto:hccong@cs.usm.my">hccong@cs.usm.my</a>
MSG 228/4 - INTRODUCTION TO MODELLING	092		NAME: DR YAHYA ABU HASAN EMAIL: <a href="mailto:ahyahya@cs.usm.my">ahyahya@cs.usm.my</a>
MSG 252/4 - LINEAR AND INTEGER PROGRAMMING	092		NAME: MRS. CHE ROHANI YAACOB EMAIL: <a href="mailto:rohani@cs.usm.my">rohani@cs.usm.my</a>
MSG 262/4 - QUALITY CONTROL	092		NAME: PROF MADYA LOW HENG CHIN EMAIL: <a href="mailto:hclow@cs.usm.my">hclow@cs.usm.my</a>
MSG 265/4 - DESIGN AND ANALYSIS OF EXPERIMENTS	092		NAME: MS. NUZLINDA ABD. RAHMAN EMAIL: <a href="mailto:adli@cs.usm.my">adli@cs.usm.my</a>
MSG 355/4 - INVENTORY CONTROL	092		NAME: PROF MADYA ADAM BAHARUM EMAIL: <a href="mailto:adam@cs.usm.my">adam@cs.usm.my</a>

MSG 356/4 - MATHEMATICAL PROGRAMMING	092		NAME: DR NORHASHIDAH AWANG EMAIL: <a href="mailto:shidah@usm.my">shidah@usm.my</a>
MSG 366/4 - MULTIVARIATE ANALYSIS	091		NAME: DR HUSNA HASAN EMAIL: <a href="mailto:husna@cs.usm.my">husna@cs.usm.my</a>
MSG 368/4 - SAMPLE SURVEY AND SAMPLING TECHNIQUE	092		NAME: MRS. NORLIDA MOHD NOOR EMAIL: <a href="mailto:norlida@cs.usm.my">norlida@cs.usm.my</a>

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<http://www.mat.usm.my/math/>

# SCHOOL OF PHYSICS

## ACADEMIC STUDIES 2009/2010

Course Code/ Title	Unit	Synopsis	Name of Lecture
ZAE 384/4 - LASER AND ITS APPLICATION	092		NAME: PROF MADYA ABDUL HALIM ABDUL AZIZ EMAIL: <a href="mailto:abdul@usm.my">abdul@usm.my</a>
ZAE 385/4 - APPLIED SPECTROSCOPY	091		NAME: DR MAGDY HUSSIEN MOURAD MOHAMED
ZAE 388/4 - NON-DESTRUCTIVE TESTING	092		NAME: DR MUTHARASU DEVARAJAN EMAIL: <a href="mailto:mutharasu@usm.my">mutharasu@usm.my</a>
ZAT 281/4 - INTRODUCTION TO MICROPROCESSORS	092		NAME: PROF MADYA MOHD ZUBIR MAT JAFRI EMAIL: <a href="mailto:mjafri@usm.my">mjafri@usm.my</a>
ZAT 386/4 - PHYSICS OF SEMICONDUCTOR DEVICES	091		NAME: PROFESOR KAMARULAZIZI IBRAHIM EMAIL: <a href="mailto:kamarul@usm.my">kamarul@usm.my</a>
ZAT 387/4 - SEMICONDUCTOR FABRICATION PROCESS	092		NAME: PROF MADYA AZLAN BIN ABDUL AZIZ EMAIL: <a href="mailto:lan@usm.my">lan@usm.my</a>
ZAT 389/3 - LOW DIMENSIONAL SEMICONDUCTOR STRUCTURES	092		NAME: PROF MADYA HASLAN ABU HASSAN EMAIL: <a href="mailto:haslan@usm.my">haslan@usm.my</a>
ZAT 394/6 - PROJECT AND SEMINAR APPLIED PHYSICS	096		NAME: PROF MADYA ABDUL HALIM ABDUL AZIZ EMAIL: <a href="mailto:abdul@usm.my">abdul@usm.my</a>
ZCA 101/4 - PHYSICS I (MECHANICS)	093		NAME: DR ONG LYE HOCK EMAIL: <a href="mailto:onglh@usm.my">onglh@usm.my</a>
ZCA 102/4 - PHYSICS II (ELECTRICITY AND MAGNETISM)	093		NAME: DR NURHAYATI BINTI ABDULLAH EMAIL: <a href="mailto:nurhaya@usm.my">nurhaya@usm.my</a>
ZCE 305/3 - ATOMIC AND NUCLEAR PHYSICS	091		NAME: PROFESOR HANAFI ATAN EMAIL: <a href="mailto:ahanafi@usm.my">ahanafi@usm.my</a>

ZCE 341/4 - ENERGY STUDIES	092		NAME: DR NURHAYATI ABDULLAH EMAIL: <a href="mailto:nurhaya@usm.my">nurhaya@usm.my</a>
ZCE 351/3 - X-RAY ANALYSIS	091		NAME: PROF MADYA ABDUL HALIM ABDUL AZIZ EMAIL: <a href="mailto:abdul@usm.my">abdul@usm.my</a>
ZCT 205/3 - QUANTUM MECHANICS	092		NAME: PROFESOR FUN HOONG KUN EMAIL: <a href="mailto:hkfun@usm.my">hkfun@usm.my</a>

**FOR FURTHER INFORMATION ON OTHER COURSES, YOU CAN VISIT AT OUR WEBSITES AT**

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<http://www.usm.my/phy/>

## SCHOOL OF SOCIAL SCIENCES

### ACADEMIC SESSION 2008/2009

Course Code/ Title	Unit	Synopsis	Name of Lecture
SAU 308E/4 – RELIGION AND SOCIAL RELATIONS	091	This course involves the discussion of a variety of religions and their practices. The focus will be on the definition of religion and magic, and the significance of ceremonies and institutions.	NAME: DR HAFIZAH SELAMAT EMAIL: <a href="mailto:hafiz@usm.my">hafiz@usm.my</a>
SEA 305/4 – CONTEMPORARY MALAYSIA	091	This course investigate the structure of Malaysia systems of governments and the major trends in contemporary Malaysia. Emphasis will be given both to current issues in Malaysian politics and the historical and economic developments and the trends of the country.	NAME: DR. KAMARULZAMAN ASKANDAR EMAIL: <a href="mailto:zam@usm.my">zam@usm.my</a>
SEA 306/4 – INDEPENDENT STUDIES	091	This course is offered to cater students who are interested in focusing a specific are of Southeast Asian studies.	ACADEMIC STAFF CONSULT: OFFICE OF THE DEAN EMAIL: <a href="mailto:dean_soc@usm.my">dean_soc@usm.my</a>
SAU 305E/4 – CRIME AND CRIMINAL BEHAVIOUR	092	This course provides an introduction to basic concepts, theories, methodology, and research in CRIMINOLOGY.	NAME: DR. SUNDRAMOORTHY PATHMAN EMAIL: <a href="mailto:moorthy@usm.my">moorthy@usm.my</a>
SEU 322E/4 – APPLIED ECONOMICS	092	This course discusses topics, which have not been covered at the second year level. The analysis are more detailed and its emphasis the applications of economic concepts in the real world.	NAME: DR LOKE YING JIA EMAIL: <a href="mailto:yjloke@usm.my">yjloke@usm.my</a>
SPU 207E/4 – FOUNDATIONS OF PUBLIC POLICY	092	Students here will learn how to analyse the process of policy-making, including implementation, monitoring and evaluation of policy.	NAME: DR. AZHARI KAREM EMAIL: <a href="mailto:azhari_kb@usm.my">azhari_kb@usm.my</a>

SPU 315E/4 – PUBLIC SECTOR MANAGEMENT	092	This course provides students with an overview to the study of the public sector from management perspective.	NAME: DR. NOREHA HASHIM EMAIL: <a href="mailto:noreha@usm.my">noreha@usm.my</a>
SEA 302/4 – ECONOMIC TRANSFORMATION IN SOUTHEAST ASIA	092	This course is designed to present a macro dynamic picture of the economic transformation of the ASEAN countries, such as Brunei, Malaysia, Philippines, Singapore and Thailand.	NAME: DR CHUA SOO YEAN EMAIL: <a href="mailto:sychua@usm.my">sychua@usm.my</a>
SAU 308E/4 – RELIGION AND SOCIAL RELATIONS	092		NAME: DR NOR HAFIZAH HAJI SELAMAT EMAIL: <a href="mailto:hafiz@usm.my">hafiz@usm.my</a>
SEA 303/4 – SOCIETIES AND CULTURE OF NUSANTARA	092	The course provides students with learning experiences of the historic evolution, continuity and transformation of living and performing arts and heritage in Southeast Asia. It analyse innovations in art and heritage by demonstrating the eclectic fusion and unique separation of ideas between indigenous and extraneous Asiatic and European colonial/post – colonial influences, founded in cultural contact and communication.	NAME: ASSOC. PROF. MOHD. RAZHA HAJI ABDUL RASHID EMAIL: <a href="mailto:raza@usm.my">raza@usm.my</a>

**FOR MORE DETAILS, YOU CAN ALSO VISIT OUR MAIN WEBSITES AT [www.usm.my](http://www.usm.my).**

**THANK YOU.**