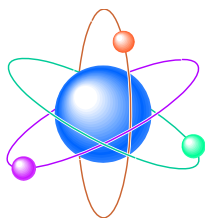




The University of Hong Kong

# Chemistry Major/Minor Talk

4 Aug 2011



# Welcome

1

BSc Curriculum: *Choose one option*

| Option A        | Option B   | Option C   |
|-----------------|--|--|
| One Major       | One Major<br>+<br>One Minor                                      | Double Major   |
| Chemistry Major | e.g.<br>CHEM major + FNS minor,<br>or<br>CHEM major + ECON minor | e.g.<br>CHEM major + PHYS major<br>or<br>CHEM major + FINA major |

- (1) All BSc students are required to **complete at least one Science major** as your primary major for the award of BSc degree.
- (2) In addition to the primary Science major, students **may take a second major or a minor in a Science or non-Science discipline**. Students should note that some non-Science majors and minors may require students to have achieved a minimum academic result before they are allowed to enroll in them.
- (3) You will **declare your primary Science major** (and second major or minor, if any) in August before the **start of your 2<sup>nd</sup> year of study** (i.e. Aug 2012).

2

## BSc Graduation Requirements

**Award of a BSc degree (for students admitted to the first year in 2010-11 or thereafter)**

To be eligible for the award of the degree of Bachelor of Science, students must fulfill the following requirements:

- Satisfied the requirements in UG5 of the Regulations for First Degree Curricula #;
- Passed not fewer than **180 credits**, comprising
  - (i) **At least 90 credits of Science courses, of which no less than 60 credits must be gained from advanced Science courses;** and
  - (ii) **All required courses as prescribed in the major programme** of the BSc degree curriculum; and the **Faculty elective courses**.



- # UG5 specifies that students have to successfully complete
- (1) **6 credits in English language enhancement**, i.e. CAES1801 Academic English for Science Students and CAES2802 Advanced English for Science Students;
  - (2) **3 credits in Chinese language enhancement**, i.e. CSCI0001 Practical Chinese language course for science students;
  - (3) **12 credits of courses in the Common Core Curriculum**, selecting no more than one course from each Area of Inquiry.

3

## Science Course

- An **introductory** Science course means any **level 0 and 1** course offered by the Faculty of Science and the Department of Biochemistry.
- An **advanced** Science course means any **level 2, 3 and above** course.

| Advanced Science courses         |  |
|----------------------------------|--|
| Courses                          | Course code with a prefix                    |
| Biochemistry                     | BIOC2... or BIOC3...                         |
| Biological Sciences              | BIOL2... or BIOL3...                         |
| Chemistry                        | CHEM2... or CHEM3...                         |
| Earth Sciences                   | EASC2... or EASC3...                         |
| Mathematics                      | MATH2... or MATH3... or MATH6...             |
| Physics                          | PHYS2... or PHYS3... or PHYS6...             |
| Statistics and Actuarial Science | STAT2... or STAT3... or STAT6...             |
| Science Faculty                  | ENVS2... or ENVS3... or SCNC2... or SCNC3... |

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**Block A - Quantitative Reasoning**

| Course   | Credit | Title                               | Remarks   |
|----------|--------|-------------------------------------|---|
| MATH0201 | 6      | Basic calculus                      | Bridging course for students with HKCEE Mathematics only  |
| MATH1001 | 6      | Fundamental concepts of mathematics |   |
| MATH1111 | 6      | Linear algebra                      |   |
| MATH1804 | 6      | University mathematics A            | Bridging course for students with AS Mathematics & Statistics only  |
| STAT0301 | 6      | Elementary statistical methods      | Bridging course for students with HKCEE Mathematics only Bridging course for students with AS Mathematics & Statistics only |
| STAT1301 | 6      | Probability and statistics I        |   |
| STAT1306 | 6      | Introductory statistics             |   |

**Block B - Physical World**

| Course   | Credit | Title  | Remarks  |
|----------|--------|--|--|
| CHEM0008 | 6      | Fundamental chemistry  | Bridging course for students with HKCEE Chemistry only |
| CHEM1002 | 6      | Chemistry: principles and concepts   |  |
| CHEM1009 | 6      | Basic chemistry  |  |
| EASC0105 | 6      | Earth through time   |  |
| EASC0118 | 6      | Blue planet  |  |
| ENVS0001 | 6      | Introduction to environmental science  |  |
| PHYS0001 | 3      | Nature of the universe I: introduction to observational astronomy and the solar system |  |
| PHYS0002 | 3      | Nature of the universe II: stars, galaxies and cosmology for beginners                 |  |
| PHYS0625 | 6      | Physics by inquiry   | Bridging course for students with HKCEE Physics only   |
| PHYS1414 | 6      | General physics I  |  |
| PHYS1417 | 6      | Basic physics  |  |

**Block C - Life & Living**

| Course   | Credit | Title                              | Remarks  |
|----------|--------|------------------------------------|--|
| BIOC1003 | 6      | Introduction to molecular genetics |  |
| BIOL0126 | 6      | Fundamentals of biology            | Bridging course for students with HKCEE Biology only |
| BIOL0625 | 6      | Ecology and evolution              |  |
| BIOL1122 | 6      | Functional biology                 |  |
| BIOL1125 | 6      | Introduction to biochemistry       |  |
| ENVS1002 | 6      | Environmental life science         |  |

**List of Courses in Faculty Electives: Blocks A, B and C (for students admitted to the first year in 2011-12)**

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**Major in Chemistry** (for students admitted to the 1<sup>st</sup> year in 2010-2011 or thereafter)**Major in Chemistry (2011-12)****Required courses (72 credits)****1. Introductory level courses (18 credits)**

CHEM1002 Chemistry: principles and concepts 6 (S1)  
 CHEM1003 Chemistry: the molecular world 6 (S1/2)  
 CHEM1004 Chemistry: an experimental science I 6 (S1/2)

**2. Advanced level courses (48 credits)**

CHEM2202 Chemical instrumentation 6 (S1)  
 CHEM2303 Intermediate inorganic chemistry 6 (S1)  
 CHEM2403 Intermediate organic chemistry 6 (S2)  
 CHEM2504 Physical chemistry I: Introduction to quantum chemistry 6 (S2)  
 CHEM2510 Principles and applications of spectroscopic and analytical techniques 6 (S2)

Plus at least 18 credits of advanced level Chemistry courses (CHEM2XXX or CHEM3XXX level) including at least 12 credits of the following courses from two different areas (note 1):

- (1) CHEM3305 Advanced Inorganic Chemistry 6
- (2) CHEM3406 Integrated Organic Synthesis 6 OR CHEM3404 Advanced Organic Chemistry 6
- (3) CHEM3507 Physical Chemistry II: Statistical Thermodynamics and Kinetic Theory 6

**3. Experiential learning (EL) requirement (6 credits)\***

Students must take at least one of the following forms of extra-ordinary learning experience to fulfill the experiential learning requirement:

- CHEM2111 Directed studies in chemistry 6
- CHEM3105 Chemistry project 12
- CHEM3988 Chemistry internship 6
- SCNC2005 Career development for science students (non-credit bearing)
- SCNC2988 Service learning internship (non-credit bearing)
- Exchange study via HKU Worldwide of Science Faculty/Department Level (1st sem/2nd sem/1 yr) (non-credit bearing)
- Any other activities determined by the Faculty to conform to the spirit of experiential learning experience (non-credit bearing)

\* If the extra-ordinary learning experience is fulfilled by non-credit bearing activities, students must take an additional 6-credit advanced level chemistry course (CHEM2XXX or CHEM3XXX level). Students are not required to take EL if this Science major is taken as a second major but a 6-credit advanced level course in the second major must be taken to fulfill the credit requirement.

**Notes:**

- Students who wish to specialize in a certain area are recommended to choose courses from the following lists.
- For students who are interested in Analytical Chemistry: CHEM2102, CHEM2207, CHEM3204, CHEM3208.
- For students who are interested in Applied Chemistry: CHEM2103, CHEM3107, CHEM3110, CHEM3204.
- For students who are interested in Medicinal Chemistry: CHEM3404, CHEM3405, CHEM3406, CHEM3407.
- For students who are interested in Pure Chemistry: CHEM3106, CHEM3305, CHEM3406, CHEM3506/CHEM3507.

**Remarks:**

Important! Ultimate responsibility rests with students to ensure that the required pre-requisites and co-requisite of selected courses are fulfilled. Students must take and pass all required courses in the selected major and/or minor in order to satisfy the degree graduation requirements. Courses which appear in 2 or more majors or minors will only be counted once.

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**Minor in Chemistry** (for students admitted to the 1<sup>st</sup> year in 2010-2011 or thereafter)**Minor in Chemistry (2011-12)****Required courses (36 credits)****1. Introductory level courses (12 credits)**

12 credits of the following courses:

CHEM1002 Chemistry: principles and concepts (note 1) 6 (S1)  
 CHEM1003 Chemistry: the molecular world (note 2) 6 (S1/2)  
 CHEM1009 Basic chemistry (note 1) 6 (S1/2)  
 CHEM1401 Fundamentals of organic chemistry (note 2) 6 (S2)

**2. Advanced level courses (24 credits)**

Any 24 credits of advanced level Chemistry courses (CHEM2XXX or CHEM3XXX level), subject to prerequisite requirements.

**Notes:**

- 1 CHEM1002 and CHEM1009 are mutually exclusive
- 2 CHEM1003 and CHEM1401 are mutually exclusive

**Remarks:**

Important! Ultimate responsibility rests with students to ensure that the required pre-requisites and co-requisite of selected courses are fulfilled. Students must take and pass all required courses in the selected major or/and minor in order to satisfy the degree graduation requirements. Courses which appear in 2 or more majors or minors will only be counted once.

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**Chemistry Prizes / Scholarships****Vacoas II Trust Scholarship**

(Up to four scholarships each year for [1<sup>st</sup> year Chemistry Major](#) students, **\$10,000** each)

**Dorothy Collins Memorial Scholarships**

(Up to three scholarships each year for [1<sup>st</sup> year Chemistry Major](#) students, **\$10,000** each)

**Cheung King Pak Memorial Scholarship**

([1<sup>st</sup> year Chemistry Major](#) students, the interest generated from the investment of the donation in that year)

**Rayson Huang Scholarships**

(Two scholarships for two Chemistry Major students entering the 2<sup>nd</sup> year, **\$10,000** each)

**Norman Chui Scholarship**

(**\$5,000** each, two scholarships each year)

**Rohm and Haas Electronic Materials Asia Ltd Scholarship**

(**\$10,000** for the selected final year Chemistry Major student)

**Douglas Payne Prizes in Chemistry**

(**\$400** book prize for the best Chemistry Major student completing 1<sup>st</sup> year;  
**\$1,200** for the best Chemistry Major student in Analytical Chemistry completing 3<sup>rd</sup> year)

**Dick Arthur Memorial Prize in Chemistry**

(**\$2,800** book prize for the best Chemistry Major 3<sup>rd</sup> year student in Organic Chemistry)

**G.T. Byrne Memorial Prize in Chemistry**

(**\$2,500** for the best Chemistry Major student among those completing 3<sup>rd</sup> year)

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# Chemistry Courses

• We offer a wide variety of courses which can suit different needs of students.

| Course Code | Title                    | Credit | Pre-requisite   | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator       |
|-------------|--------------------------|--------|---|--------------|-----------|--|------------------------|-------|--------------------------|
|             |                          |        |   | 2011-2012    | 2012-2013 |  |                        |       |                          |
| CHEM003     | Chemistry and daily life | 3      | Not for students who have passed in CHEM1002, or have already enrolled in this course; and<br>Not for students who have passed in CHEM1003, or have already enrolled in this course; and<br>Not for students who have already passed in CHEM1005 before; and<br>Not for students who have already passed in CHEM1007 before; and<br>Not for students who have passed in CHEM1009, or have already enrolled in this course; and<br>Not for students who have passed in CHEM1401, or have already enrolled in this course; and<br>Not for Chemistry major students. | Y            | N         | 1  | No exam                | 200   | Prof W K Chan, Chemistry |

For course descriptions, pls go to <http://chem.hku.hk>

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| Course Code                      | Title                                | Credit | Pre-requisite  | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator           |
|----------------------------------|--------------------------------------|--------|--|--------------|-----------|--|------------------------|-------|------------------------------|
|                                  |                                      |        |  | 2011-2012    | 2012-2013 |  |                        |       |                              |
| Department of Chemistry (Cont'd) |                                      |        |  |              |           |  |                        |       |                              |
| CHEM008                          | Fundamental chemistry                | 6      | E or above in HKCEE Chem; and<br>Not for students with E or above in AL Chem or AS Chem.   | Y            | Y         | 1  | Dec                    | ---   | Dr A P L Tong, Chemistry     |
| CHEM1002                         | Chemistry: principles and concepts   | 6      | (E or above in AL or AS Chem; or Pass in CHEM008); and<br>Not for students who have already passed in CHEM1007 before; and<br>Not for students who have passed in CHEM1009, or have already enrolled in this course.   | Y            | Y         | 1  | Dec                    | ---   | Prof D L Phillips, Chemistry |
| CHEM1003                         | Chemistry: the molecular world       | 6      | (E or above in AL or AS Chem; or Pass in CHEM008); and<br>Not for students who have already passed in CHEM1406 before; and<br>Not for students who have passed in CHEM1401, or have already enrolled in this course.   | Y            | Y         | 1, 2   | Dec, May               | ---   | Prof V W W Yam, Chemistry    |
| CHEM1004                         | Chemistry: an experimental science I | 6      | E or above in AL or AS Chem; or Pass in CHEM008.   | Y            | Y         | 1, 2   | No exam                | ---   | Dr A P L Tong, Chemistry     |
| CHEM1006                         | Introduction to forensic science     | 3      | (E or above in AL or AS Chem; or Pass in CHEM004 or CHEM008); and<br>Not for students who have already passed in YSCN0017 before.  | Y            | N         | 1  | No exam                | ---   | TBC, Chemistry               |
| CHEM1009                         | Basic chemistry                      | 6      | E or above in AL or AS Chem; and<br>Not for students who have already passed in CHEM1001 before; and<br>Not for students who have already passed in CHEM1007 before; and<br>Not for students who have passed in CHEM1002, or have already enrolled in this course. | Y            | Y         | 1, 2   | Dec, May               | 132   | Dr I K Chu, Chemistry        |

For course descriptions, pls go to <http://chem.hku.hk>

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| Course Code | Title   | Credit | Pre-requisite  | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator           |
|-------------|---|--------|--|--------------|-----------|--|------------------------|-------|------------------------------|
|             |   |        |  | 2011-2012    | 2012-2013 |  |                        |       |                              |
| CHEM1401    | Fundamentals of organic chemistry                       | 6      | (E or above in AL or AS Chem; or Pass in CHEM004 or CHEM008); and<br>Not for students who have passed CHEM1003, or have enrolled in this course. | Y            | Y         | 1<br>2   | Dec<br>May             | ---   | Dr P H Toy, Chemistry        |
| CHEM1410    | Basic chemistry principles for pharmacy students        | 6      | E or above in AL or AS Chem; and<br>Not for students who have passed in CHEM1009, or have already enrolled in this course.                       | Y            | Y         | 2  | May                    | 40    | Dr I K Chu, Chemistry        |
| CHEM1411    | Fundamentals of Organic Chemistry for Pharmacy Students | 6      | E or above in AL/AS Chemistry; and<br>Not for students who have passed in CHEM1401, or have already enrolled in this course.                     | Y            | Y         | 1<br>2   | Dec<br>May             | ---   | Dr P H Toy, Chemistry        |
| CHEM2003    | Introductory instrumental chemical analysis             | 6      | Pass in CHEM1002 or CHEM1007 or CHEM1009; and<br>Not for students who have passed CHEM2202, or have already enrolled in this course.             | Y            | Y         | 2  | May                    | 132   | Dr W T Chan, Chemistry       |
| CHEM2102    | Environmental chemistry                                 | 6      | Pass in CHEM1002 or CHEM1003 or CHEM1007 or CHEM1009 or CHEM1401   | Y            | Y         | 2  | May                    | ---   | Dr W T Chan, Chemistry       |
| CHEM2103    | Chemical process industries and analysis                | 6      | Pass in CHEM1002 or CHEM1502 or CHEM1007 or CHEM1009   | Y            | Y         | 2  | May                    | 90    | Prof K Y Chan, Chemistry     |
| CHEM2109    | Introduction to materials chemistry                     | 6      | Pass in CHEM1003 or CHEM1009 or CHEM1401   | Y            | Y         | 2  | May                    | ---   | Prof W K Chan, Chemistry     |
| CHEM2111    | Directed studies in chemistry                           | 6      | Pass in CHEM1002 or CHEM1003 or CHEM1004 or CHEM1406 or CHEM2507 or CHEM2510.  | Y            | Y         | 0  | No exam                | ---   | Prof D L Phillips, Chemistry |

For course descriptions, pls go to <http://chem.hku.hk>

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| Course Code                      | Title  | Credit | Pre-requisite   | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator           |
|----------------------------------|--|--------|---|--------------|-----------|--|------------------------|-------|------------------------------|
|                                  |  |        |   | 2011-2012    | 2012-2013 |  |                        |       |                              |
| Department of Chemistry (Cont'd) |  |        |   |              |           |  |                        |       |                              |
| CHEM2202                         | Chemical instrumentation   | 6      | Pass in CHEM1002 or (CHEM1004 and CHEM2510) or CHEM1007 or CHEM1009   | Y            | Y         | 1  | Dec                    | 132   | Dr W T Chan, Chemistry       |
| CHEM2207                         | Food and water analysis  | 6      | Pass in CHEM1002 or CHEM1003 or CHEM1004 or CHEM1007 or CHEM1009; and<br>Pass in CHEM2202, or already enrolled in this course.    | Y            | Y         | 2  | May                    | 72    | Dr Y S Fung, Chemistry       |
| CHEM2303                         | Intermediate Inorganic Chemistry                                       | 6      | Pass in CHEM1003; and<br>Not for students who have already passed in CHEM2302 before.   | Y            | Y         | 1  | Dec                    | ---   | Prof V W W Yam, Chemistry    |
| CHEM2304                         | Bioinorganic Chemistry   | 6      | Pass in CHEM1002 and CHEM1003 and CHEM2303  | Y            | Y         | 2  | May                    | ---   | Prof H Z Sun, Chemistry      |
| CHEM2403                         | Intermediate Organic Chemistry   | 6      | Pass in CHEM1003; and<br>CHEM2510; or having enrolled in CHEM2510<br>Not for students who have already passed in CHEM2402 before. | Y            | Y         | 2  | May                    | ---   | Prof D Yang, Chemistry       |
| CHEM2410                         | Analytical techniques for pharmacy students                            | 6      | Pass in CHEM1410  | Y            | Y         | 2  | May                    | 40    | Dr W T Chan, Chemistry       |
| CHEM2504                         | Physical Chemistry I: Introduction to Quantum Chemistry                | 6      | Pass in CHEM1002; and<br>Not for students who have already passed in CHEM2503 before.   | Y            | Y         | 2  | May                    | ---   | Prof A S C Cheung, Chemistry |
| CHEM2509                         | Principles of chemical biology   | 6      | Pass in CHEM1003 or CHEM1401 or CHEM1406 or BIOC1001  | Y            | Y         | 2  | May                    | 100   | Dr X L Li, Chemistry         |
| CHEM2510                         | Principles and applications of spectroscopic and analytical techniques | 6      | Pass in any CHEM1XXX level course; and<br>Not for students who have already passed CHEM2507 before.                               | Y            | Y         | 2  | May                    | 100   | TBC, Chemistry               |
| CHEM3105                         | Chemistry project  | 12     | Pass in (CHEM2202 and CHEM2302 and CHEM2402 and CHEM2503)   | Y            | Y         | 0  | No exam                | ---   | Prof D L Phillips, Chemistry |
| CHEM3106                         | Symmetry, group theory and applications                                | 6      | Pass in CHEM2302  | Y            | Y         | 1  | Dec                    | 100   | Prof V W W Yam, Chemistry    |
| CHEM3107                         | Interfacial science and technology                                     | 6      | Pass in CHEM2503  | Y            | Y         | 2  | May                    | 100   | Prof K Y Chan, Chemistry     |

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| Course Code | Title  | Credit | Pre-requisite  | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator        |
|-------------|--|--------|--|--------------|-----------|--|------------------------|-------|---------------------------|
|             |  |        |  | 2011-2012    | 2012-2013 |  |                        |       |                           |
| CHEM3110    | Advanced materials                               | 6      | Pass in CHEM2109   | Y            | Y         | 1  | Dec                    | ---   | Prof W K Chan, Chemistry  |
| CHEM3203    | Analytical chemistry                             | 9      | Pass in CHEM2202 or CHEM2002   | Y            | N         | 0  | May                    | 60    | Dr Y S Fung, Chemistry    |
| CHEM3204    | Modern chemical instrumentation and applications | 6      | Pass in CHEM2202   | Y            | Y         | 1  | Dec                    | 96    | Dr I K Chu, Chemistry     |
| CHEM3206    | Analytical Chemistry                             | 6      | Pass in CHEM2202 or CHEM2207   | N            | Y         | ---  | ---                    | ---   | Dr Y S Fung, Chemistry    |
| CHEM3303    | Advanced inorganic chemistry                     | 9      | Pass in CHEM2302; and Pass in CHEM3106, or already enrolled in this course.  | Y            | N         | 0  | May                    | 100   | Prof C M Che, Chemistry   |
| CHEM3304    | Organometallic chemistry                         | 6      | Pass in CHEM2302   | Y            | Y         | 1  | Dec                    | 100   | Prof V W W Yam, Chemistry |
| CHEM3305    | Advanced Inorganic Chemistry                     | 6      | Pass in CHEM2303; and Pass in CHEM3106, or already enrolled in this course; and Not for students who have passed in CHEM3303, or have already enrolled in this course. | N            | Y         | ---  | ---                    | ---   | Prof C M Che, Chemistry   |
| CHEM3403    | Integrated organic synthesis                     | 9      | Pass in CHEM2402   | Y            | N         | 2  | May                    | ---   | Dr P Chiu, Chemistry      |
| CHEM3404    | Advanced organic chemistry                       | 6      | Pass in CHEM2402   | Y            | Y         | 1  | Dec                    | 100   | Prof D Yang, Chemistry    |
| CHEM3405    | Organic chemistry of life                        | 6      | Pass in CHEM1401 or CHEM1406 or CHEM2402   | Y            | Y         | 2  | May                    | ---   | Dr P H Toy, Chemistry     |
| CHEM3406    | Integrated Organic Synthesis                     | 6      | Pass in CHEM2403; and Not for students who have passed in CHEM3403, or have already enrolled in this course.   | N            | Y         | ---  | ---                    | ---   | Dr P Chiu, Chemistry      |
| CHEM3407    | Medicinal chemistry                              | 6      | Pass in CHEM1003 or CHEM2402 or CHEM3405   | Y            | Y         | 2  | May                    | ---   | Prof H Z Sun, Chemistry   |

For course descriptions, pls go to <http://chem.hku.hk>

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| Course Code                              | Title  | Credit | Pre-requisite  | Available in |           | Semester offered in 2011-2012<br>0=year long<br>1=1st sem<br>2=2nd sem<br>S=summer | Exam held in 2011-2012 | Quota | Course Coordinator           |
|--|--|--------|--|--------------|-----------|--|------------------------|-------|------------------------------|
|  |  |        |  | 2011-2012    | 2012-2013 |  |                        |       |                              |
| <b>Department of Chemistry (Con't'd)</b> |  |        |  |              |           |  |                        |       |                              |
| CHEM3410                                 | Medicinal chemistry for pharmacy students                            | 6      | (CHEM1401 or CHEM 1411) and CHEM2410   | Y            | Y         | 2  | May                    | 60    | Prof H Z Sun, Chemistry      |
| CHEM3505                                 | Molecular spectroscopy   | 6      | Pass in CHEM2503   | N            | N         | ---  | ---                    | 132   | Prof D L Phillips, Chemistry |
| CHEM3506                                 | Computational chemistry  | 6      | Pass in CHEM2503 or PHYS2323, and Not for students who have passed in CHEM6109, or have already enrolled in this course. | Y            | Y         | 2  | May                    | 40    | Prof G H Chen, Chemistry     |
| CHEM3507                                 | Physical Chemistry II: Statistical Thermodynamics and Kinetic Theory | 6      | Pass in CHEM2504; and Not for students who have already passed in CHEM2503 before.                                       | N            | Y         | ---  | ---                    | ---   | Dr H Hu, Chemistry           |
| CHEM3513                                 | Advanced physical chemistry  | 6      | Pass in CHEM2503; and Not for students who have already passed in CHEM3504 before.                                       | Y            | N         | 2  | May                    | 40    | Prof G H Chen, Chemistry     |
| CHEM3988                                 | Chemistry internship   | 6      | Students are expected to have satisfactorily completed their Year 2 study.   | Y            | Y         | 1, 2, S  | No exam                | ---   | Dr W T Chan, Chemistry       |
| ENVS2008                                 | Pollution  | 6      | Pass in ENVS0001 or CHEM1009 or BIOL0126 or ENVS1002   | Y            | Y         | 2  | May                    | 60    | Dr W T Chan, Chemistry       |

For course descriptions, pls go to <http://chem.hku.hk>

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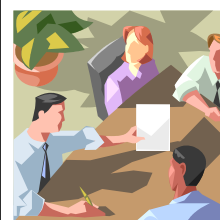
### Important Dates for the 2011-2012 Course Selection Exercise

#### BSc I

| Date (2011)                                | Event  | Venue                              |
|--|--|------------------------------------|
| August 2                                   | The course information system opens for BSc I students after performing master registration to preview available courses   | HKU Portal – SIS                   |
| August 4 (9:30 am – 4:30 pm)               | <b>Induction Day for BSc I students</b><br>(In addition to a general talk session, representatives from each Science major/minor will be present to advise students on general, as well as specific aspects, of course selection. Teachers and students will also be available in the information booths for each Science major and minor to answer questions.)<br><i>(Attendance is COMPULSORY)</i> | LE1, Library Extension Building    |
| August 15 (10:00 am) – August 22 (4:00 pm) | On-line course selection system available  | HKU Portal – SIS                   |
| August 15 – August 22                      | Students to seek advice from Course Selection Advisers on how to select courses  | Course Selection Advisers' offices |
| August 17 & August 19 (9:00 am – 1:00 pm)  | Suspension periods of the online course selection system (class add/drop not allowed)<br>Students are highly recommended to select courses which require course based approval before the First suspension period  | ---                                |
| August 18 (by 6:00 pm)                     | Deadline of application for (a) granting of advanced standing and (b) exemption from taking Chinese language course  | Faculty Office                     |
| August 22 (by 6:00 pm)                     | Closing date for students' submission of:<br>(a) Course Approval Form (if applicable); and<br>(b) Application Form for taking a replacement course for the course required in two different majors/minors (if applicable)  | Faculty Office                     |
| August 26 (10:00 am)                       | Checking of course selection status and ballot result on-line  | HKU Portal – SIS                   |
| January 16, 2012 – February 3, 2012        | Selection of summer courses during the 2 <sup>nd</sup> semester add/drop period  | HKU Portal – SIS                   |

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## Communication Channels



General Office: G/F, Chong Yuet Ming Chemistry Building

Tel. No.: 2859 7919 or 2241 5131

Website: <http://chem.hku.hk>

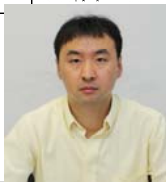
E-mail: [chemmail@hku.hk](mailto:chemmail@hku.hk)



## Your (Chemistry) Course Selection Advisors



| Course Selection Advisors | Contact information  |
|---------------------------|--|
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