**POSTGRADUATE COURSE OFFERED**

**FIRST SEMESTER 2021/2022**

**DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCE**



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| **(1) MASTER IN ANALYTICAL CHEMISTRY** | | | | | | **(2) MASTER/PHD BY RESEARCH** | | | |
| **NO.** | **CODE/TITLE/HOURS** | **DAY/**  **TIME** | **LOCATION** | **LECTURER** | **CODE/TITLE/HOURS** | | **DAY/TIME** | **LOCATION** | **LECTURER** |
|  | **CHM5001**  Statistics and Chemometrics for Analytical Chemistry  *Statistik dan Kemometrik untuk Kimia Analisis/*  *3 hours* | Monday  6-9 pm | Online | Assoc. Prof. Dr. Jaafar Abdullah | **CHM5901**  Research Methodology/3 | | Tuesday  15-17 | BSF206/ BSF207 (40) | Prof. Dr. Nor Azah Yusof (2)  Prof. Madya Dr. Yusran Sulaiman (1) |
|  | **CHM5002**  Laboratory Safety  *Keselamatan Makmal/*  *3 hours* | Tuesday  6-9 pm | Online | Dr. Mohamed Ibrahim Mohamed Tahir  Dr. Mohd Izham Saiman | **CHM5002**  Laboratory Safety/3 | | Thursday  15-17 | BSF206/ BSF207 (40) | Prof. Madya Dr. Jaafar Abdullah (1)  Prof. Madya Dr. Irmawati Ramli (2) |
|  | **CHM5406**  Atomic Spectroscopy  *Spektroskopi Atomik/*  *3 hours* | Wednesday  6-9 pm | Online | Prof. Dr. Lim Hong Ngee  Assoc. Prof. Dr. Bimo Ario Tejo | **CHM5202**  Molecular Spectroscopy/3 | | *Wednesday*  15-17 | BSF206/ BSF207 (20)) | Prof. Madya Dr. Bimo Ario Tejo (2)  Prof. Madya Dr. Emilia Abd Malek (1) |
|  | **CHM5407**  Separation Techniques  *Teknik-teknik Pemisahan/*  *3 hours* | Thursday  6-9 pm | Online | Assoc. Prof. Dr. Abdul Halim Abdullah  Assoc. Prof. Dr. Intan Safinar Ismail | |  | | --- | | **FSA5905**  **(Section 3)** | | MASTER'S RESEARCH FINAL SEMINAR (1) | |  | | | ADK |  | Dr. Mohd Haniff Wahid |
|  | **CHM5901**  Research Methodology  *Kaedah Penyelidikan Kimia/*  *3 hours* | Saturday  9 am -12 | Online | Prof. Dr. Nor Azah Yusof | |  | | --- | | **FSA6904**  **(Section 3)** | | DOCTORAL'S RESEARCH PROGRESS SEMINAR (1) | |  | | | ADK |  |  |
|  | **CHM5998A**  Master Disertation  *Disertasi Master/3 hours* | Every semester | Online | Assoc. Prof. Dr. Shahrul Ainliah Alang Ahmad | |  | | --- | | **FSA6905**  **(Section 3)** | | DOCTORAL'S RESEARCH FINAL SEMINAR (1) | |  | | | ADK |  |  |
|  | **CHM/FST/ ESC**  **Elektif CHM5301**  Solid State Characterisation  *Pencirian Keadaan Pepejal/*  *3 hours* | Friday  6-9 pm | Online | Assoc. Prof. Dr. Tan Kar Ban  Prof. Dr. Zulkarnain Zainal | |  | | --- | | **SPS 6903/SPS5903** | | SEMINAR PROPOSAL (1) | |  | | | ADK |  |  |
|  | **CHM/FST/ ESC**  **Elektif CHM5403**  Sensor Technology  *Teknologi Sensor/ 3 hours* | Friday  6-9 pm | Online | Prof. Dr. Nor Azah Yusof  Assoc. Prof. Dr. Jaafar Abdullah |  | |  |  |  |

**\*NOTE: STUDENT’S MASTER/PHD BY RESEARCH IN DEPARTMENT OF CHEMISTRY ONLY ALLOW TO TAKE COURSES IN COLUMN (2). BUT IF THEY WANT TO TAKE COURSES IN COLUMN 1 (LIMITED SEAT), PLEASE CONTACT THE COORDINATOR, PROF DR. NOR AZAH YUSOF (**[**azahy@upm.edu.my**](mailto:azahy@upm.edu.my)**)**

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| Nota: Cadangan pendaftaran Kursus – Pelajar semester pertama diperlukan untuk mendaftar dua kursus (6 Jam Kredit)  *Note: Suggested Courses to Register – First Semester student is required to register two courses (6 Credit hours)* | | | |
| 1. | SPS 6999 (PhD)/SPS5999 (MS) | Penyelidikan PhD/MS  PhD and MS Research | Wajib daftar setiap Semester  Compulsory to register every semester(6,9,12 *credits*) |
| 2. | SPS 6903 (PhD)/SPS 5903 (MS) | Proposal Seminar  *Seminar Proposal* | Semester 1 atau 2  *Semester 1 or 2* |
| 3. | Kursus  *Course* | 2 Kursus (6 Kredit)  *2 Courses (6 Credits)* | Daftar 2 kursus setiap semester  *Register 2 courses per semester* |
| **Jumlah**  **Total** | | Tidak boleh melebihi 15 jam kredit setiap semester  *Do not exceed 15 credits for each semester* | |