**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** |
| 1.
 | **CHM5001**Statistics and Chemometrics for Analytical Chemistry*Statistik dan Kemometrik untuk Kimia Analisis/**3 hours* | Monday6-9 pm | Online | Assoc. Prof. Dr. Jaafar Abdullah | **CHM5901**Research Methodology/3 | Tuesday15-17 | BSF206/ BSF207 (40)  | Prof. Dr. Nor Azah Yusof (2)Prof. Madya Dr. Yusran Sulaiman (1) |
|  | **CHM5002**Laboratory Safety*Keselamatan Makmal/**3 hours* | Tuesday6-9 pm | Online | Dr. Mohamed Ibrahim Mohamed TahirDr. Mohd Izham Saiman | **CHM5002**Laboratory Safety/3 | Thursday15-17 | BSF206/ BSF207 (40)  | Prof. Madya Dr. Jaafar Abdullah (1)Prof. Madya Dr. Irmawati Ramli (2) |
|  | **CHM5406**Atomic Spectroscopy*Spektroskopi Atomik/**3 hours* | Wednesday6-9 pm | Online | Prof. Dr. Lim Hong NgeeAssoc. 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* | Thursday6-9 pm | Online | Assoc. Prof. Dr. Abdul Halim AbdullahAssoc. Prof. Dr. Intan Safinar Ismail |

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| **FSA5905** **(Section 3)** |
| MASTER'S RESEARCH FINAL SEMINAR (1) |
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 | ADK |  | Dr. Mohd Haniff Wahid |
|  | **CHM5901**Research Methodology*Kaedah Penyelidikan Kimia/**3 hours* | Saturday9 am -12  | Online | Prof. Dr. Nor Azah Yusof |

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| **FSA6904****(Section 3)** |
| DOCTORAL'S RESEARCH PROGRESS SEMINAR (1) |
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 | ADK |  |  |
|  | **CHM5998A**Master Disertation*Disertasi Master/3 hours* | Every semester | Online | Assoc. Prof. Dr. Shahrul Ainliah Alang Ahmad |

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| **FSA6905****(Section 3)** |
| DOCTORAL'S RESEARCH FINAL SEMINAR (1) |
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 | ADK |  |  |
|  | **CHM/FST/ ESC****Elektif CHM5301**Solid State Characterisation*Pencirian Keadaan Pepejal/**3 hours* | Friday6-9 pm | Online | Assoc. Prof. Dr. Tan Kar BanProf. Dr. Zulkarnain Zainal |

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| **SPS 6903/SPS5903** |
| SEMINAR PROPOSAL (1) |
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 | ADK |  |  |
|  | **CHM/FST/ ESC****Elektif CHM5403**Sensor Technology*Teknologi Sensor/ 3 hours* | Friday6-9 pm | Online | Prof. Dr. Nor Azah YusofAssoc. 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****)**

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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/MSPhD and MS Research | Wajib daftar setiap SemesterCompulsory 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* |