**Master of Science Program in Organic Chemistry (2015)**

**Name of Degree:** Master of Science (Organic Chemistry**)**

**Abbreviation:** M.Sc. (Organic Chemistry)

**Admission Requirements**

Plan A Type A 2:

Hold a bachelor's degree in chemistry or related fields with a GPA of at least 2.50

**Curriculum**

**Total Credits**

Plan A Type A 2 36 Credits

**Curriculum Structure**

Required Courses (\*) 11 Credits

Elective Courses (\*\*) 10 Credits

Thesis 15 Credits

Total 36 Credits

|  |  |  |
| --- | --- | --- |
| **First Year, 1st Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 313 711 (\*) | Advanced Organic Chemistry I | 3 (3-0-6) |
| 313 712 (\*) | Advanced Organic Chemistry II | 3 (3-0-6) |
| 313 713 (\*) | Advanced Organic Spectroscopy | 3 (3-0-6) |
| 313 813 (\*\*) | Natural Product Chemistry | 2 (2-0-4) |
| **Total credits** | | **11** |
| **Cumulative credits** | | **11** |

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| **First Year, 2nd Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 313 812 (\*\*) | Organic Stereochemistry | 2 (2-0-4) |
| 313 814 (\*\*) | Applications of Organometallic Compounds in Organic Synthesis | 2 (2-0-4) |
| 313 817 (\*\*) | Heterocyclic Chemistry | 2 (2-0-4) |
| 313 818 (\*\*) | Special Topics in Organic Chemistry I | 2 (2-0-4) |
| 313 891 (\*) | Seminar in Organic Chemistry I | 1 (1-0-2) |
| 313 899 | Thesis | 2 |
| **Total credits** | | **11** |
| **Cumulative credits** | | **22** |

|  |  |  |
| --- | --- | --- |
| **Second Year, 1st Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 313 892 (\*) | Seminar in Organic Chemistry II | 1 (1-0-2) |
| 313 899 | Thesis | 8 |
| **Total credits** | | **9** |
| **Cumulative credits** | | **31** |

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| **Second Year, 2nd Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 313 899 | Thesis | 5 |
| **Total credits** | | **5** |
| **Cumulative credits** | | **36** |

**Program Committee**

1. Assoc. Prof. Dr. Chavi Yenjai

2. Prof. Dr. Somdej Kanokmedhakul

3. Asst. Prof. Arayan Chansri

4. Asst. Prof. Dr. Phitak Nasomjai

5. Asst. Prof. Dr. Sirirath Sodngam