**Master of Science Program in Mathematics (2012)**

**Name of Degree:** Master of Science (Mathematics)

**Abbreviation:** M.Sc. (Mathematics)

**Admission Requirements**

Plan A Type A 2:

Hold a bachelor’s degree, or an equivalent qualification, in mathematics, applied mathematics, mathematics education, or in any fields incorporating at least 15 credits of mathematics; or hold a suitable qualification approved by the Curriculum Executive Committee

**Curriculum**

**Total Credits**

Plan A Type A 2 38 Credits

**Curriculum Structure**

Required Courses (\*) 14 Credits

Elective Courses (\*\*) 12 Credits

Thesis 12 Credits

**Total 38 Credits**

|  |  |  |
| --- | --- | --- |
| **First Year, 1st Semester** | | **Number of Credits** |
| **Course Number** | **Course Title** |
| 314 711\* | Algebra | 3(3-0-6) |
| 314 712\* | Linear Algebra | 3(3-0-6) |
| 314 751\* | Topology | 3(3-0-6) |
| **Total credits** | | **9** |
| **Cumulative credits** | | **9** |

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| --- | --- | --- |
| **First Year, 2nd Semester** | | **Number of Credits** |
| **Course Number** | **Course Title** |
| 314 721\* | Real Analysis | 3(3-0-6) |
| 314 713\*\* | Semigroups | 3(3-0-6) |
| 314 715\*\* | Universal Algebra | 3(3-0-6) |
| **Total credits** | | **9** |
| **Cumulative credits** | | **18** |

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| **Second Year, 1st Semester** | | **Number of Credits** |
| **Course Number** | **Course Title** |
| 314 891\* | Seminar in Mathematics I | 1 (1-0-2) |
| 314 899 | Thesis | 3 |
| 314 723\*\* | Complex Analysis | 3(3-0-6) |
| 314 745\*\* | Selected Topics in Advanced Mathematics | 3(3-0-6) |
| **Total credits** | | **10** |
| **Cumulative credits** | | **28** |

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| --- | --- | --- |
| **Second Year, 2nd Semester** | | **Number of Credits** |
| **Course Number** | **Course Title** |
| 314 892\* | Seminar in Mathematics II | 1(1-0-2) |
| 314 899 | Thesis | 9 |
| **Total credits** | | **10** |
| **Cumulative credits** | | **38** |

**Program Lecturers**

1. Assoc. Prof. Dr. Kittikorn Nakprasit

2. Assoc. Prof. Dr. Narakorn Khanasri

3. Assoc. Prof. Dr. Satit Saejung

4. Assoc. Prof. Dr. Thawhat Changphas

5. Asst. Prof. Dr. Keaitsuda Nakprasit