**Program Road Map**

**PhD Chemistry**

**Scheme of Studies**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Code** | **Course Title** | **CH** | **Pre-req** |   | **Code** | **Course Title** | **CH** | **Pre-req** |
| **SEMESTER 1** | **SEMESTER 2** |
| CH-xxx | Elective-I | 3 | - - - - | CH-xxx | Elective-IV | 3 | - - - - |
| CH-xxx | Elective-II | 3 | - - - - | CH-xxx | Elective-V | 3 | - - - - |
| CH-xxx | Elective-III | 3 | - - - - | CH-xxx | Elective-VI | 3 | - - - - |
| **Semester Credit Hours** | **9** |   | **Semester Credit Hours** | **9** |   |
| **SEMESTER 3 onwards** |  |
| CH-xxx | \* Research work (Synopsis and Thesis after passing comprehensive exam) | 36 | - - - - |  |  |  |  |
|  |  |  |  |  |  |
| **Total Credit Hours: 54** |

\* To qualify for a PhD degree the student must complete atleast 54 credits of graduate work (distribution of credit hours is given below).

1. 6 Chemistry Elective courses of 3 credit hours each (18 credits) with comprehensive exam, and

2. PhD thesis (36 credits).