University of PYAY

Department of Chemistry

Curriculum for MSc Degree

MSc First Year Chemistry Specialization Semester I

Module No.	Module Name	Credit Unit	Hours/Week	
			Lecture	Practical
Chem 611	Inorganic Chemistry	4	4	2
Chem 612	Physical Chemistry	4	4	2
Chem 613	Organic Chemistry	4	4	2
Chem 614	Analytical Chemistry	4	4	2
	Total	**16**	**16**	**8**

MSc First Year Chemistry Specialization Semester II

Module No.	Module Name	Credit Unit	Hours/Week	
			Lecture	Practical
Chem 621	Inorganic Chemistry and Nuclear Chemistry	4	4	2
Chem 622	Physical Chemistry	4	4	2
Chem 623	Organic Chemistry	4	4	2
Chem 624	Analytical Chemistry	4	4	2
	Total	**16**	**16**	**8**

MSc Second Year **Chemistry Specialization** **Semester I**

Module No.	Module Name	Credit Unit	Hours/Week	
			Lecture	Practical
Chem 631	Inorganic Chemistry and Nuclear Chemistry	4	4	2
Chem 632	Physical Chemistry	4	4	2
Chem 633	Organic Chemistry	4	4	2
Chem 634	Analytical Chemistry	4	4	2
	Total	**16**	**16**	**8**

Note : 3 Credit points for 4 lecture hours and 1 Credit point for 2 Tutorial hours.

MSc Second Year **Chemistry Specialization** **Semester II**

Module No.	Module Name	Credit Unit
Chem 641	Research Progress Report and Seminar	8
Chem 642	Thesis and Viva Voce	8
	Total	**16**

University of Pyay

Department of Chemistry

Mark Distribution for MSc Degree

Chemistry MSc programme

Sr.	Year	Semester I				Semester II			
1	I	Chem 611	Chem 612	Chem 613	Chem 614	Chem 621	Chem 622	Chem 623	Chem 624
2	II	Chem 631	Chem 632	Chem 633	Chem 634	Chem 641		Chem 642	

Year I	Semester I							
Sem I	Chem 611	Marks	Chem 612	Marks	Chem 613	Marks	Chem 614	Marks
	Exam	70	Exam	70	Exam	70	Exam	70
	Tutorial	–	Tutorial	–	Tutorial	–	Tutorial	–
	Practical	30	Practical	30	Practical	30	Practical	30
	Total	100	Total	100	Total	100	Total	100

Chem 611= Advanced Inorganic & Nuclear Chemistry

Chem 612= Advanced Physical Chemistry

Chem 613= Advanced Organic Chemistry

Chem 614= Advanced Analytical Chemistry

Year I	Semester II							
Sem II	Chem 621	Marks	Chem 622	Marks	Chem 623	Marks	Chem 624	Marks
	Exam	70	Exam	70	Exam	70	Exam	70
	Tutorial	–	Tutorial	–	Tutorial	–	Tutorial	–
	Practical	30	Practical	30	Practical	30	Practical	30
	Total	100	Total	100	Total	100	Total	100

Chem 621= Advanced Inorganic & Nuclear Chemistry;

Chem 622= Advanced Physical Chemistry

Chem 623= Advanced Organic Chemistry

Chem 624= Advanced Analytical Chemistry

Year II	Semester I			
Sem I	**Chem 631 (Research Outline and Presentation)**	**Marks**	**Chem 632 (Progress of Research and Presentation)**	**Marks**
	Contact with supervisor	20	Contact with supervisor	20
	Orientation of Research	20	Originality and creativity	20
	Literature Survey & Organization of the proposal	20	Systematic/Scientific Approach & Literature Survey	20
	Originality and creativity	20	Presentation (Seminar) Format & Style	20
	Presentation (Proposal and Design)	20	Response to Questions	20
	Total	100		100
	Chem 633 (Research Progress Report)	**Marks**	**Chem 634 (Research Progress Report and Presentation)**	**Marks**
	Contact with supervisor	20	Originality, creativity & Contact with supervisor	20
	Orientation of Research	20	Systematic/Scientific Approach	20
	Originality and creativity	20	Contribution of research outcome to Academic and National interest	20
	Systematic/Scientific Approach	20	Presentation (Seminar)	20
	Research Progress Report	20	Response to Questions	20
	Total	100	Total	100

Year II	Semester II			
Sem II	Chem 641 (Research & Seminar)	Marks	Chem 642 (Thesis & Viva Voce)	Marks
	Research Progress Report & Contact with Supervisor	20	Organization of thesis	20
	Organization of the paper	20	Originality and creativity	20
	Originality and creativity	20	Contribution of research outcome to Academic and National interest	20
	Presentation	20	Presentation	20
	Response to Question	20	Response to Question	20
	Total	100		100