

Program Structure

FIRST SEMESTER

Course Code	Course Title	Lectures (L) Hours per week	Tutorial (T) Hours per week	Practical (P) Hours per week	Total Credits
FCH 4101	Criminology, Criminal Law, Police Administration	2	1	-	3
FCH 4102	Crime Scene Investigation (CSI)	2	1	-	3
FCH 4103	Forensic Physics	2	1	-	3
FCH 4104	Cyber Forensic & Computer Applications	2	1	-	3
FCH 4105	General Forensic Science	2	1	-	3
FCH 4106	Forensic Ballistics & Explosives	2	1	-	3
FCH 4107	Forensic Physics - Practical	-	-	4	2
FCH 4108	Crime Scene Investigation (CSI) - Practical	-	-	4	2
FCH 4109	Forensic Ballistics & Explosives - Practical	-	-	4	2
FCH 4110	Seminar	-	-	-	5
CSS4151	Basics of Communication	1	-	-	1
BEH4151	Self Development and Interpersonal skills	1	-	-	1
LAN4151	Foreign Language I French- I	3	-	-	3
LAN4152	German- I				
LAN4153	Spanish -I				
LAN4154	Russian -I				
LAN4155	Chinese -I				
LAN4156	Portuguese -I				
LAN4157	Korean-I				
LAN4158	Japanese-I				
	TOTAL				34

Approved

A. K. J. / 28/7/16

Accepted

SECOND SEMESTER

Course Code	Course Title	Lectures (L) Hours per week	Tutorial (T) Hours per week	Practical (P) Hours per week	Total Credits
FCH 4201	Forensic Photography	2	1	-	3
FCH 4202	Elements of Forensic Medicine, Odontology	2	1	-	3
FCH 4203	Instrumental Analysis (Chemical)	2	1	-	3
FCH 4204	Instrumental Analysis (Physical)	2	1	-	3
FCH 4205	Questioned Documents & Fingerprints	2	1	-	3
FCH 4206	Photography, Forensic Medicine & Odontology - Practical	-	-	4	2
FCH 4207	General Forensic Science -	-	-	4	2
FCH 4208	Questioned Documents & Fingerprints - Practical	-	-	4	2
FCH 4209	Instrumental Analysis (Biological)	2	1	-	3
BEH4251	Behavioral Communication and Relationship Management	1	-	-	1
CSS4251	Corporate Communication	1	-	-	1
	Foreign Language II	3	-	-	3
LAN4251	French- II				
LAN4252	German- II				
LAN4253	Spanish -II				
LAN4254	Russian- II				
LAN4255	Chinese- II				
LAN4256	Portuguese -II				
LAN4257	Korean-II				
LAN4258	Japanese-II				
	TOTAL				29

MMER INTERNSHIP

e: Students must submit their summer internship report immediately on return from summer vacation in /August and the same would be evaluated for 9 credit units, which would be included in the Third ester marks.

A. K. Jain
25/7/16

Alamy

THIRD SEMESTER

Course Code	Course Title	Lectures (L) Hours per week	Tutorial (T) Hours per week	Practical (P) Hours per week	Total Credits
FCH 4301	Forensic Chemistry, Toxicology & Pharmacology	2	1	-	3
FCH 4302	Forensic Biology & Serology	2	1	-	3
FCH 4303	Forensic Practical	-	-	4	2
FCH 4304	Forensic Biology and Serology - Practical	-	-	4	2
FCH 4305	Forensic Chemistry & Toxicology - Practical	-	-	4	2
FCH 4314	Principles of Human Genetics	2	1	-	3
FCH 4315	Statistics & Research Methodology	2	1	-	3
	Elective I (any one)				
FCH 4306	Advanced Forensic Biology & Anthropology	2	1	-	3
FCH 4307	Advanced Forensic Serology & DNA Profiling				
FCH 4308	Advanced Forensic Chemistry				
FCH 4309	Advanced Forensic Pharmacology & Toxicology				
	Elective II (any one)				
FCH 4310	Advanced Questioned Documents Examination	2	1	-	3
FCH 4311	Advanced Fingerprinting and other Impressions				
FCH 4312	Advanced Forensic Ballistics				
FCH 4313	Advanced Forensic Explosives				
FCH4335	Summer Internship (Evaluation) + Project Formulation	-	-	-	9
CSS4351	Interpersonal Communication	1	-	-	1
BEH4351	Leading through Teams	1	-	-	1
	Foreign Language III	2	-	-	2
LAN4351	French III				
LAN4352	German III				
LAN4353	Spanish III				
LAN4354	Russian III				
LAN4355	Chinese III				
LAN4356	Portuguese III				
	Korean-III				

A. K. Jain
25/7/16

Alamy

LAN4357	Japanese-III				
LAN4358					
	TOTAL				37

FOURTH SEMESTER

Course Code	Course Title	Lectures (L) Hours per week	Tutorial (T) Hours per week	Practical (P) Hours per week	Total Credits
FCH 4437	Research Work Based Project*	-	-	-	15
	Disaster Management and Victim Identification	3	1		4
	Speech Analysis and Multimedia Forensics	3	1		4
	Applied Cognitive Psychology	3	1		4
	Digital Image Processing	2	1		3
	TOTAL				30

Student will be sent to laboratories at universities, national institute and industries for their project based research work during 4th semester. At the end of 4th semester student will be evaluated on the basis of dissertation followed by presentation of their research work.

A.K. Jainwal
25/7/16

APL...

2016

M.Sc (Forensic Science) (Total Credits 130)

Programme Structure-2016

Proposed Modifications for BOS 2016

MSc FS 1st Semester			
Sr. No.	Course code	Subject name	Modifications
No change			
MSc FS 2nd semester			
No Change			
MSc FS 3rd Semester			
No change			
4th Semester			
1	FCH 4437	Research work based project	Credits reduced from 30 to 15
2	FCH4401	Disaster Management and Victim identification	New Course with 4 credits introduced
3	FCH4402	Security Speech Analysis and Multimedia	New Course with 4 credits introduced
4	FCH4403	Applied Cognitive Psychology	New Course with 4 credits introduced
5	FCH4404	Digital Image Processing	New Course with 3 credits introduced

FIRST SEMESTER

Existing

M.Sc. Forensic Science (130 credits)

Proposed

M.Sc. Forensic Science (130 credits)

Course Code	Course Title	L-T-P	Total	
			Credits/Hrs	
Concentration Courses				
FCH 4101	Criminology, Criminal Law, Police administration	2-1-0	3	
FCH 4102	Crime Scene Investigation (CSI)	2-1-0	3	
FCH 4103	Forensic Physics	2-1-0	3	
FCH 4104	Cyber Forensic & Computer Applications	2-1-0	3	
FCH 4105	General Forensic Science	2-1-0	3	
FCH 4106	Forensic Ballistics & Explosives	2-1-0	3	
FCH 4107	Forensic Physics - Practical	0-0-2	2	
FCH 4108	Crime Scene Investigation (CSI) - Practical	0-0-2	2	
FCH 4109	Forensic Ballistics & Explosives - Practical	0-0-2	2	
FCH 4110	Seminar	-	5	
Value Added				
CSS4151	Basics of Communication	1-0-0	1	
BEH4151	Self Development and Interpersonal skills	1-0-0	1	
Foreign Language				
	Foreign Language I			
LAN4151	French- I			
LAN4152	German- I			
LAN4153	Spanish- I			
LAN4154	Russian- I			
LAN4155	Chinese- I	3-0-0	3	
LAN4156	Portuguese- I			
LAN4157	Korean- I			
LAN4158	Japanese- I			
TOTAL				34 Cr

Course Code	Course Title	L-T-P	Total	
			Credits/Hrs	
Concentration Courses				
FCH 4101	Criminology, Criminal Law, Police administration	2-1-0	3	
FCH 4102	Crime Scene Investigation (CSI)	2-1-0	3	
FCH 4103	Forensic Physics	2-1-0	3	
FCH 4104	Cyber Forensic & Computer Applications	2-1-0	3	
FCH 4105	General Forensic Science	2-1-0	3	
FCH 4106	Forensic Ballistics & Explosives	2-1-0	3	
FCH 4107	Forensic Physics - Practical	0-0-2	2	
FCH 4108	Crime Scene Investigation (CSI) - Practical	0-0-2	2	
FCH 4109	Forensic Ballistics & Explosives - Practical	0-0-2	2	
FCH 4110	Seminar	-	5	
Value Added				
CSS4151	Basics of Communication	1	1	
BEH4151	Self Development and Interpersonal skills	1	1	
Foreign Language				
	Foreign Language I			
LAN4151	French- I			
LAN4152	German- I			
LAN4153	Spanish- I			
LAN4154	Russian- I			
LAN4155	Chinese- I	3	3	
LAN4156	Portuguese- I			
LAN4157	Korean- I			
LAN4158	Japanese- I			
TOTAL				34 Cr

SECOND SEMESTER

Existing
M.Sc. Forensic Science (130 credits)

Proposed
M.Sc. Forensic Science (130 credits)

Course Code	Course Title	L-T-P	Total Credits/Hrs
Concentration Courses			
FCH 4201	Forensic Photography	2-1-0	3
FCH 4202	Elements of Forensic Medicine, Odontology	2-1-0	3
FCH 4203	Instrumental Analysis (Chemical)	2-1-0	3
FCH 4204	Instrumental Analysis (Physical)	2-1-0	3
FCH 4205	Questioned Documents & Fingerprints	2-1-0	3
FCH 4206	Photography, Forensic Medicine & Odontology - Practical	0-0-2	3
FCH 4207	General Forensic Science - Practical	0-0-2	2
FCH 4208	Questioned Documents & Fingerprints - Practical	0-0-2	2
FCH 4209	Instrumental Analysis (Biological)	2-1-0	2
Value Added			
BEH4251	Behavioral Communication and Relationship Management	1-0-0	1
CSS4251	Corporate Communication	1-0-0	1
Foreign Language			
LAN4251	French- II		
LAN4252	German- II		
LAN4253	Spanish -II		
LAN4254	Russian- II	3-0-0	3
LAN4255	Chinese- II		
LAN4256	Portuguese -II		
LAN4257	Korean-II		
LAN4258	Japanese-II		
TOTAL			29 Cr.

Course Code	Course Title	L-T-P	Credits/Hrs
Concentration Courses			
FCH 4201	Forensic Photography	2-1-0	3
FCH 4202	Elements of Forensic Medicine, Odontology	2-1-0	3
FCH 4203	Instrumental Analysis (Chemical)	2-1-0	3
FCH 4204	Instrumental Analysis (Physical)	2-1-0	3
FCH 4205	Questioned Documents & Fingerprints	2-1-0	3
FCH 4206	Photography, Forensic Medicine & Odontology - Practical	0-0-2	3
FCH 4207	General Forensic Science - Practical	0-0-2	2
FCH 4208	Questioned Documents & Fingerprints - Practical	0-0-2	2
FCH 4209	Instrumental Analysis (Biological)	2-1-0	2
Value Added			
BEH4251	Behavioral Communication and Relationship Management	1	1
CSS4251	Corporate Communication	1	1
Foreign Language			
LAN4251	French- II		
LAN4252	German- II		
LAN4253	Spanish -II		
LAN4254	Russian- II	3	3
LAN4255	Chinese- II		
LAN4256	Portuguese -II		
LAN4257	Korean-II		
LAN4258	Japanese-II		
TOTAL			29 Cr.

THIRD SEMESTER

Existing
M.Sc. Forensic Science (130 credits)

Proposed
M.Sc. Forensic Science (100 credits)

Course Code	Course Title	L-T-P	Total Credits/Hrs	Course Code	Course Title	L-T-P	Total Credits/Hrs
Concentration Courses				Concentration Courses			
FCH 4301	Forensic Chemistry, Toxicology & Pharmacology	2-1-0	3	FCH 4301	Forensic Chemistry, Toxicology & Pharmacology	2-1-0	3
FCH 4302	Forensic Biology & Serology	2-1-0	3	FCH 4302	Forensic Biology & Serology	2-1-0	3
FCH 4303	Forensic Practical	0-0-2	2	FCH 4303	Forensic Practical	0-0-2	2
FCH 4304	Forensic Biology and Serology - Practical	0-0-2	2	FCH 4304	Forensic Biology and Serology - Practical	0-0-2	2
FCH 4305	Forensic Chemistry & Toxicology - Practical	0-0-2	2	FCH 4305	Forensic Chemistry & Toxicology - Practical	0-0-2	2
FCH 4314	Principles of Human Genetics	2-1-0	3	FCH 4314	Principles of Human Genetics	2-1-0	3
FCH 4315	Statistics & Research Methodology	2-1-0	3	FCH 4315	Statistics & Research Methodology	2-1-0	3
Elective I (any one)				Elective I (any one)			
FCH 4306	Advanced Forensic Biology & Anthropology			FCH 4306	Advanced Forensic Biology & Anthropology		
FCH 4307	Advanced Forensic Serology & DNA Profiling	2-1-0	3	FCH 4307	Advanced Forensic Serology & DNA Profiling	2-1-0	3
FCH 4308	Advanced Forensic Chemistry			FCH 4308	Advanced Forensic Chemistry		
FCH 4309	Advanced Forensic Pharmacology & Toxicology			FCH 4309	Advanced Forensic Pharmacology & Toxicology		
	Elective II (any one)				Elective II (any one)		
FCH 4310	Advanced Questioned Documents Examination			FCH 4310	Advanced Questioned Documents Examination		
FCH 4311	Advanced Fingerprinting and other Impressions	2-1-0	3	FCH 4311	Advanced Fingerprinting and other Impressions	2-1-0	3
FCH 4312	Advanced Forensic Ballistics			FCH 4312	Advanced Forensic Ballistics		
FCH 4313	Advanced Forensic Explosives			FCH 4313	Advanced Forensic Explosives		

FCH4335	Summer Internship Project Formulation	(Evaluation) +	9	9		FCH4335	Summer Internship Formulation	(Evaluation) + Project	9	9
Value Added										
CSS4351	Interpersonal Communication		1	1		CSS4351	Interpersonal Communication		1	1
BEH4351	Leading through Teams		1	1		BEH4351	Leading through Teams		1	1
Foreign Language										
LAN4351	Foreign Language III					LAN4351	Foreign Language III			
LAN4352	French - III					LAN4352	French - III			
LAN4353	German - III					LAN4353	German - III			
LAN4354	Spanish - III					LAN4354	Spanish - III			
LAN4355	Russian - III	2		2		LAN4355	Russian - III	2		2
LAN4356	Chinese - III					LAN4356	Chinese - III			
LAN4357	Portuguese - III					LAN4357	Portuguese - III			
LAN4358	Korean - III					LAN4358	Korean - III			
	Japanese - III						Japanese - III			
	TOTAL			37-Cr						37-Cr

FOURTH SEMESTER

Existing
M.Sc. Forensic Science (130 credits)

Proposed
M.Sc. Forensic Science (130 credits)

Course Code	Course Title	L-T-P	Total Credits/Hrs	Course Code	Course Title	L-T-P	Total Credits/Hrs
FCH4437	Research Work Based Project*	0-0-30	30	FCH4401	Disaster Management and Victim Identification	3-1-0	4
				FCH4402	Speech Analysis and Multimedia Forensics	3-1-0	4
				FCH4403	Applied Cognitive Psychology	3-1-0	4
				FCH4404	Digital Image Processing	2-1-0	3
				FCH4437	Research Work Based Project*	0-0-15	15
			30 Cr				30 Cr

MODIFICATIONS

Course code	Subject name	Modifications	Existing credits	Revised credits	Credit changed	Semester Overall credits change
FCH4437	Research Work Based Project*	Credit changed from 30 to 15	0-0-30	0-0-15	15	0
FCH4401	Disaster Management and Victim Identification	New Subject added	0-0-0	3-1-0	4	
FCH4402	Speech Analysis and Multimedia Forensics	New Subject added	0-0-0	3-1-0	4	
FCH4403	Applied Cognitive Psychology	New Subject added	0-0-0	3-1-0	4	
FCH4404	Digital Image Processing	New Subject added	0-0-0	2-1-0	3	