

**GOVT. COLLEGE CHOWARI
DISTT. CHAMBA HIMACHAL
PRADESH-176302
(ESTABLISHED 1994)**



**PROSPECTUS SESSION- 2024-25
M.A. /M.SC. COURSES**

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GOVERNMENT DEGREE COLLEGE CHOWARI, CHAMBA(HP)

Government Degree College Chowari is going to inaugurate the PG courses from the current session 2024-25. **However, all admissions to PG classes will be provisional and subject to approval by the affiliating University.**

POSTGRADUATE COURSES OFFERED

1. Master of Arts in Political Science (M.A. POLITICAL SCIENCE)
2. Master of Arts in English (M.A. HINDI)
3. Master of Science in Chemistry (M.Sc. Chemistry)

A. Admission Schedule:

Online Registration starting date: 01/10/2024

Last date for submission of online application forms: 06/10/2024

Display of Merit List: 07/10/2024 (11 AM)

Online Fee deposition for Merit List: 07/10/2024 11 AM onwards up to 11PM

Note: The candidates who have appeared and qualified the Entrance Examinations conducted by HP University Shimla for admission to PG courses (Session 2024-25) will be entertained in the first counseling in this institution. **If seats remain vacant, the directions/rules of HP University will be adopted.**

B. ADMISSION PROCEDURE FOR P.G. COURSES

Admission in all PG courses will be made based on marks obtained in the entrance test conducted by Himachal Pradesh University Shimla. All the candidates seeking admission to M.A /M.SC. at G.C Chowari will have to apply to Himachal Pradesh University Shimla for the entrance test as per the HPU schedule. After the declaration of the result of the entrance test by HPU, the applicants must apply to the college for admission and present themselves for the verification of original documents on the counselling date and time fixed by the college. The list of selected candidates will be displayed on the college notice board/website. Selected candidates will have to deposit their dues within the notified time, failing which the admission will stand cancelled and the vacant seats will be allotted to the next candidates in the merit list.

Basis of Admission

The admission will be made purely on merit, except where otherwise mentioned, subject to the limitation of seats available and the reservation. The following are the eligibility conditions for admission to various courses, provided further that for admission 0.5% and above marks should be considered equal to 1% marks (Notification No. 4-9/94-HPU-Acad. dated 27-6-1995)

Eligibility for M. A. (Political Science & Hindi)

A Bachelor's Degree or equivalent (with the subject of study for M.A./M.Sc. as one of the subjects) with a minimum of 132 credits for the award of pass degree with at least 50% marks in aggregate (45% in case of SC.ST.) from a University established by law in India.

(The duration of the M.A., and M.Sc. courses will be two academic years spread over four semesters)

AGE LIMIT FOR P.G. COURSES

1. The upper age limit for admission to MA & M.Sc. First semester is 26 years for male and 28 years for female candidates as on 1st July 2024. 2. Age relaxation of 3 years is allowed for SC/ST candidates. 3. The Vice-Chancellor of Himachal Pradesh University can allow age relaxation up to a maximum period of 3 months in special cases.

Admission Rules

- I. Candidates/Parents/Guardians must read all instructions given in the prospectus carefully and submit the online application form complete in all respects to the admission committee.
- II. The candidates have to fill up the particulars in the prescribed admission forms.
- III. Admission will be strictly on fulfilment of eligibility criteria.
- IV. Any gap in the academic career of applicant must be supported by an undertaking/affidavit by the candidate.
- V. A student must produce original certificates at the time of admission.
- VI. Rules for admission are subject to change as per UNIVERSITY notification from time to time.
- VII. Candidates coming from Boards/Universities other than HP Board of School Education, Dharamshala/ H.P.U. Shimla, must produce original migration certificate.
- VIII. A candidate having compartment in B.A. 3rd in any subject is not eligible for seeking admission in M.A. /M.Sc. 1st year.
- IX. Admission of a student will be liable to cancellation if he/she furnishes incomplete/false information or in case of concealment of facts. Disciplinary action will be taken against such candidates.
- X. Girl students seeking admission in any class must bring an attested copy of HP Bonafide certificate for tuition fee-concession.
- XI. Principal reserves the right to disallow or cancel any admission.

- XII. Student seeking exemption from fee and funds for disability must attach an attested copy of at least 40% disability certificate.
- XIII. Students who have been expelled or rusticated from any institution will not be eligible for admission.
- XIV. All admissions are provisional and subject to final approval of UNIVERSITY concerned.
- XV. A student can migrate from one college to another in accordance with the rules laid by the UNIVERSITY.

Procedure for Online Admission

1. Read the instructions thoroughly as given in the prospectus.
2. Keep soft copies of following documents with you:
 - (a) Passport size photograph.
 - (b) Signature specimen.
 - (c) Matric and 10+2 certificates.
 - (d) B.A. Certificate.
 - (e) HPU Entrance Examination (session 2024-25) admit card & score card.
 - (f) Character certificate (not more than 6 months older) from the head of the institution last attended (original character certificate to be uploaded with the admission form. For gap cases, character certificate from Panchayat Pradhan / Gazetted Officer along with self-declaration for the gap earlier).
 - (g) SC/ST/PH/Sports/PwD/EWS/WFF/IRDP/BPL/Ward of Ex-man/Cultural Certificates (if applicable)
 - (h) Bonafide Certificate for Himachali girls/J&K students.
 - (i) Photocopy of Aadhar Card.
 - (j) Photocopy of bank account number.
 - (k) Migration certificate for students, if passed B.A. other than HPU/SPU.
 - (l) If applicable, single girl child affidavit from the competent authority and certificate being a single girl child from the SDM/Tehsildar of the area concerned.
3. Go through the link available on the college website (www.gcchowari.edu.in)
4. Register yourself by paying a fees of |50 and then by creating login ID (your working e-mail ID) and password and then proceed to fill in the online admission form.
5. Upload your photograph, signature and the required documents (original scanned and clearly visible documents).

6. Now, submit your online admission form.
7. After submission of admission form by the candidate, it will be checked by the concerned admission committee. In case of any discrepancy, it will be unlocked and sent back to the candidate for necessary corrections and resubmission. A message regarding this shall be sent to the candidate either through SMS or e-mail.
8. If all required information and uploaded documents are found correct; your admission form will be approved by the concerned admission committee.
9. After approval from the concerned admission committee, the link for the payment of admission fee will be opened.
10. Submit your fee online through the given link/payment gateway and the roll number of the candidate will be generated automatically.
11. First year candidate must submit the hard copy/printout of application form along with supporting documents and copy of fee receipt to the respective in-charge.

Programmes

Sr.No	Name	Duration	Total Seats	Fee (in. Rs.)
1	Master of Arts (M.A.)	2 years course in 4 sems.	30 Seats	As per university norms
2	Master of Science (M.Sc.)	2 years course in 4sems.	20	As per university norms

Fee Structure

Fee Type	MA-1 Sem (Boys)		MA-1 Sem (Girls)	
	Non-IRDP (Rupees)	IRDP (Rupees)	Non-IRDP (Rupees)	IRDP (Rupees)
Amalgamated Fund	150	150	150	150
Library Security	100	100	100	100
Youth Welfare Fee	15	15	15	15
HPU Sports Fee	15	15	15	15
Holiday Home Fee	1	1	1	1
University Development Fund	250	100	250	250
Medical Fund	6	6	6	6
Campus Development Fund	10	10	10	10
Furniture Fund	10	10	10	10
Magazine Fund	50	50	50	50
NCC Fund	10	10	10	10
Student Aid Fund	2	2	2	2
Sports Fund	120	120	120	120
Cultural Activity Fund	20	20	20	20

Computer & Internet Fund	20	20	20	20
Book Replacement Fund	25	25	25	25
Identity Card	10	10	10	10
Admission Fee	25	25	25	25
Tuition Fee	300	300		
Building Fund	60	60	60	60
Rovers & Rangers	30	30	30	30
House Exam. Fund	40	40	40	40
PTA Fund	300	300	300	300
Total	1569	1419	1269	1119

ROSTER TO BE FOLLOWED FOR ADMISSION

The roster system is applied to UG and PG courses in the college. HP University 120-point reservation roster for admission to all courses is, hereby given below:-

1 PWD	26SC	51	76	101PWD
2	27ST	52SC	77	102
3	28	53ST	78SC	103
4	29	54	79SP	104
5	30	55	80ST	105
6	31	56	81CUL	106SC
7SC	32	57	82PWD	107ST
8	33SC	58	83	108
9	34	59SC	84	109
10	35	60SP	85SC	110
11	36	61CUL	86	111
12SC	37	62(PWD)	87	112
13ST	38CUL	63	88	113
14	39SC	64	89	114SC
15	40SP	65SC	90	115
16	41ST	66	91SC	116
17	42 (PWD)	67ST	92	117 SP
18C	43	68	93ST	118 CUL
19SP	44	69	94	119SC
20CUL	45	70	95	120ST
21	46SC	71	96	
22	47	72SC	97SC	
23	48	73	98CUL	
24	49	74	99SP	
25	50	75	100HC	
PWD5%	CUL5%	SP5%	SC 15%	ST 7.5%
6	6	6	18	9

Abbreviations used in the table: CUL: Culture, PwD: Persons with Disabilities, SC: Schedule Caste, SP: Sports Person, ST: Scheduled Tribe

Besides the above Reservation Roster:

- 10% reservation will be provided for EWS (Economically Weaker Section) candidates
- One supernumerary seat for “Single girl Child” candidate is reserved in each course provided she fulfils the minimum eligibility criteria

There are forty (30) seats in M.A. Pol Science, (30) seats in M.A. Hindi and 20 seats in

M.Sc. The admission will be done by HP University Norms & procedures.

M.A. (POLITICAL SCIENCE) SYLLABUS

M.A. (Pol. Science) Course consists of sixteen Courses ((DSC-12; DSE -2; GE -2). The students have to qualify for all the papers to complete the degree in Political Science. Each paper contains a hundred marks (100 Marks). Students are required to attempt FOUR questions in each paper and the time allowed is 03 Hours. Following will be the sixteen courses:

Scheme of the Course Division:

Sr. No.	Semester Type	Subject Code	Title	Type	Total credits
1.	Semester I		DSC-POLS 101 to 104	All Compulsory	
		101	Western Political Thinkers	DSC	6
		102	Comparative Politics: Approaches & Processes	DSC	6
		103	Theories & Concepts of International Relations	DSC	6
		104	Indian Politics I: Political Institutions	DSC	6
2.	Semester II		DSC-POLS 201 to 203	All Compulsory	
			GE-POLS 204	Compulsory (Inter-departmental)	
		201	Contemporary Debate in Political Theory	DSC	6
		202	Comparative Political Analysis: Concepts & Recent Theories	DSC	6

		203	Indian Politics II: Political Processes	DSC	6
			India and the World	GE	4
3.	Semester III		DSC-POLS 301 to 303	Compulsory	
			DSE I-POLS304 to 306 * AEC-POLS-307	Optional (students have to opt any one out of the three courses) Environment and Politics	
4.	Semester IV		DSC-POLS 401to 402	Compulsory	
			DSE II-POLS 403 to 405 / 406 Dissertation or Project Work	Optional (students have to opt any one out of the three courses or for dissertation or project work)	
			GE-POLS- 407	Compulsory (Inter-departmental)	

Note:

► MA in Political Science comprises of 92 credits (DSC-72 credits; DSE-12 credits; GE- 8 credits).

► The DSE courses 304 to 306 (Semester III) and 403 to 405 (Semester IV) are internal choice-based. The students have the choice to select any one of them respectively or opt for a dissertation or project work. Course 305 (Research Methods and Research Ethics) is essential for students who wish to opt for a dissertation or Project work in Semester IV. The supervisor for the dissertation or project work will be internal. The course adds to the values of research ethics, value neutrality, intellectual property, skills of data collection and interpretation, publication ethics and researcher’s responsibilities. The IA part of the courses helps in developing students' communication and writing skills, leadership quality and debating. Courses 101 to 103 and 401 help the students to have conceptual clarity, and develop individual perspectives, analytical

approach, communication, debating and negotiating skills. Courses 104 and 203 inform the students about institutional roles, and performances, and train them how to access and utilize the legal, constitutional and power processes. Courses 302 and 401 develop among the students the policy analysis and application skills and increase their knowledge about international legal institutions, processes and order. The dissertation part and IA based on assignments and presentations add to the data organization, analysis, reporting, writing, communication and presentation skills among the students.

► The Students are required to qualify two courses across four semesters (during two years of degree) offered by other Departments under the Scheme of Generic Elective (Interdisciplinary Choice Based Courses for other Departments). These courses shall be of 4 credits each.

► The Marks Scheme for each course is as follows: Total Marks- 100 (Theory 80, Internal Assessment 20). The Internal Assessment shall comprise of Assignment- 10 marks; Presentation- 05 marks and Attendance – 05 marks. For the students of ICDEOL IA will comprise of Assignments- 20 marks and for private students the course shall comprise of 100 marks.

► A student shall have to secure at least 40 percent marks in each paper (theory as well as internal assessment) to qualify for the examination (In theory 32 out of 80 and in IA 8 out of 20). For private students, the pass marks are 40. * AEC-POLS-307 is a qualifying paper that will be conducted by the Department itself. It will be mandatory for all the students to pass this course for the award of the degree of M.A. in Political Science. The marks of this paper will not be counted in the overall CGPA of the students. The question paper setting for AEC (Ability Enhancement Course) will be external under the aegis of the COE. However, the evaluation will be internal to be carried out at the departmental level.

SEMESTER-I

Course- I: Western Political Thought: From Plato to Bodin

Course- II: Government and Politics in India

Course-III Comparative Politics

Course- IV: International politics (Theories, Approaches & concepts)

SEMESTER- II

Course-V: Western Political Thought: From Hobbes to Marx

Course- VI: Recent Trends in Indian Politics.

Course- VII: Comparative Politics and Political Analysis

Course- VIII: Emerging World Order

SEMESTER-III

Course-IX: Indian Political Thought OR Theories, Approaches and Concepts

Course-X Regional Politics in India

Course-XI: Theories of Nationalism and Processes of Nation Building

Course-XII India's Foreign Policy and Relations

SEMESTER- IV

Course: XII Democratic Theory OR Modern Indian Political Thought

Course: XIV; Politics in South Asia

Course: XV: Society, Economy and politics in Himachal Pradesh

Course-XVI; Public International Law

OR

Marxism after Marx

OR

Political Economy of Development

M.A. (Hindi) Syllabus

Sr. No.	Semester	Subject Code	Title	Total credits
1	SEMESTER-I	MHIN 101	संस्कृत का इतिहास	6
		MHIN 102	संस्कृत का इतिहास का अर्थ और महत्त्व (संस्कृत, संस्कृत का इतिहास)	6
		MHIN 103	संस्कृत का इतिहास का अर्थ और महत्त्व	6
		MHIN 104	संस्कृत-संस्कृत	6
2	SEMESTER-II			
		MHIN 201	संस्कृत का इतिहास का अर्थ और महत्त्व	6
		MHIN 202	संस्कृत का इतिहास का अर्थ और महत्त्व (संस्कृत का इतिहास)	6
		MHIN 203	संस्कृत का इतिहास का अर्थ और महत्त्व	6

		MHIN 204	<p>□□□□ □□□□ □□ □□□□□□□□</p> <p>□□□□</p>	6
		MHIN 205	<p>□□□□□□ □□□□ □□ □□□□□□</p> <p>□□□□□□□□□□ (□□□□□□□-I)</p>	4
	SEMESTER-III			
		MHIN 301	<p>□□□□□□ □□□□□□□□□□□□</p> <p>□□□ □□□□□□□□□□□□</p>	6
		MHIN 302	<p>□□□□□□ □□□□□□□□</p>	6
		MHIN 303	<p>□□□□□□□□ □□□□□□</p>	6
		MHIN 304	<p>(□□□□□□□□□□) □□□□□□ □□□□□□</p> <p>□□□□□□ (□□□□□□□□-□□)</p>	6
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			<p>□□□□□□ □□□□□□ □□□□□□ (□□□□□□□□-□□□)</p>	
		MHIN 305	<p>□□□□□□ □□□□□□□□ □□□ □□□□□□□□□□</p> <p>(AEC)</p>	
4	SEMESTER-IV			
		MHIN 401	<p>□□□□□□□□□□□□ □□□□□□</p>	6
		MHIN 402	<p>□□□□□□□□ □□□□□□□□</p> <p>□□□□□□□□□□</p>	6
		MHIN 403	<p>□□□ □□□□□□□□□</p>	6
		HIN 404	<p>□□□ □□□□□□□□□□ □□□□□□□□□□□□</p> <p>□□□□□□□ □□□ □□□□□□□□□□ □□□□□</p>	6

		MHIN 405	□□□□ □□□□□□ □□ □□□□□□ (□□□□□□-II)	4
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SEMESTER-I

Course – 1 Madhya Kaleen Kavya

Course – 2 Hindi Sahitya ka Itihaas (Aadi, Bhagti avam Reetikaal)

Course – 3 Aadhunik Hindi Natak avam Upanyaas

Course – 4 Bhasha-Vigyaan

SEMESTER-II

Course – 5 Bhagti avam Reetikaal

Course – 6 Hindi Sahitya ka Itihaas (Aadhunik Kaal)

Course – 7 Aadhunik Gadya Sahitya

Course – 8 Hindi Bhasha avam Devnagri Lipi

SEMESTER-III

Course – 9 Bhartiya Kavya Shashter avam Sahityalochan

Course – 10 Anuvaad Vigyaan

Course – 11 Chaayavadi Kavya

Course – 12 Lok Sahitya: Sedhantik Vivechan (Ek)

Or

Aadhunik Hindi Upanyaas (Do)

SEMESTER-IV

Course – 13 Chayavadotter Kavya

Course – 14 Pashchatya Sameeksha Sidhaant

Course – 15 Anuvaad Vigyaan: Vyavharik Paksh

Course – 16 Lok Sahitya: Prayogik Aayaam (Ek)

Or

Samkaaleen Hindi Upanyaas (Do)

POSTGRADUATE (TRANSLATION COURSE)

FIRST SEMESTER

Paper – 1 Anuvaad: Parampara avam Prakriti 80 Marks

Paper – 2 Anuvaad: Prakriya avam Seemayen 80 Marks

SECOND SEMESTER

Paper – 3 Anuvaad ka Anuprayogik Sandharbh 80 Marks

Paper – 4 Anuvaad ka Bhashik aur Samaagik Paksh 80 Marks

THIRD SEMESTER

Paper – 5 Vyaavhaarik Anuvaad: Sahitya, Kala, Sanskriti,

Samaagik Vigyaan, Jansanchaar Prikshetra 80 Marks

Paper – 6 Vyaavhaarik Anuvaad: Karyalyee, Vanijye, Vigyaan tatha Prodyogiki ke Prikshetra 80 Marks

FOURTH SEMESTER

Paper – 7 Vyaavhaarik Anuvaad: Vidhi avam Sansadiye Prikshetra 80 Marks

Paper – 8 Anuvaad – Prabandh – Lekhan 80 Marks

Master of Science (M.Sc.) Chemistry

Eligibility:

A Bachelor's degree of a University established by law in India, with Chemistry as one of the subjects, with a minimum of 48 credits in Major subject, 48 credits in two minor subjects, 9 credits in compulsory, 1 credit in GI & Hobby with aggregate of 106 credits/132 credits under new system for the award of pass degree

OR

A Bachelor's degree with 2nd Division or with at least 45% marks {40% in case of SC/ST candidates) in aggregate in the subject concerned in three years of degree or Honors in the subject concerned.

Basis of Admission: The admission to these courses will be made strictly on the basis of marks obtained in the Entrance Test and shall be open to all, subject to the reservation approved by the University/State Govt. The merit will be determined on the basis of competitive examination. The minimum qualifying marks for the Entrance Test will be 35% (in case of SC/ST candidates, the minimum qualifying marks shall be reduced until the full SC/ST quota for admission has been exhausted) for calling the candidates for Interview/Admission.

Reservation: Reservation for various categories will be provided as per the University/HP Govt. Rules.

Age Limit: As per the HP University Rules applicable to other Master's Degree Program of the University. The forms will be filled up online.

Fee Structure

Fee Type	M.Sc. 1st Sem. (Boys)		M.Sc. 1st Sem. (Girls)	
	Non-IRDP (Rupees)	IRDP (Rupees)	Non-IRDP (Rupees)	IRDP (Rupees)
Amalgamated Fund	150	150	150	150
Library Security	100	100	100	100
Youth Welfare Fee	15	15	15	15
HPU Sports Fee	15	15	15	15
Holiday Home Fee	1	1	1	1
University Development Fund	250	100	250	100
Medical Fund	6	6	6	6
Campus Development Fund	10	10	10	10
Furniture Fund	10	10	10	10
Magazine Fund	50	50	50	50
NCC Fund	10	10	10	10
Student Aid Fund	2	2	2	2
Sports Fund	120	120	120	120
Cultural Activity Fund	20	20	20	20
Computer & Internet Fund	20	20	20	20
Book Replacement Fund	25	25	25	25
Identity Card	10	10	10	10
Admission Fee	25	25	25	25
Tuition Fee	300	300		
Building Fund	60	60	60	60
Rovers & Rangers	30	30	30	30
House Exam. Fund	40	40	40	40
Chemistry Practical Fee	1240	1240	1240	1240
PTA Fund	300	300	300	300
Total	2809	2659	2509	2359

Syllabus (M.Sc.) Chemistry

1st Semester

Sr. No.	Subject Code	Subject Name	Subject Category	Credits
1	CHEM 101	Inorganic Chemistry Theory -1	DSC	4
2	CHEM 102	Organic Chemistry Theory -1	DSC	4
3	CHEM 103	Physical Chemistry Theory -1	DSC	4
4	CHEM 104	Mathematics for Chemists	GE	3
5	CHEM 105	Applications of computer in Chemistry	AECC	3
6	CHEM 106	Inorganic Chemistry Practical -1	DSC	3
7	CHEM 107	Organic Chemistry Practical -1	DSC	3
8	CHEM 108	Physical Chemistry Practical -1	DSC	3

2nd Semester

Sr. No.	Subject Code	Subject Name	Subject Category	Credits
1	CHEM 201	Inorganic Chemistry Theory -2	DSC	4
2	CHEM 202	Organic Chemistry Theory -2	DSC	4
3	CHEM 203	Physical Chemistry Theory -2	DSC	4
4	CHEM 204	Chemistry of Life Science	GE	3
5	CHEM 205	Environmental Chemistry	GE	3
6	CHEM 206	Inorganic Chemistry Practical -2	DSC	3
7	CHEM 207	Organic Chemistry Practical -2	DSC	3
8	CHEM 208	Physical Chemistry Practical -2	DSC	3

3rd Semester

Sr. No.	Subject Code	Subject Name	Subject Category	Credits
1	CHEM 301	Inorganic Chemistry Theory -3	DSC	4
2	CHEM 302	Organic Chemistry Theory -3	DSC	4
3	CHEM 303	Physical Chemistry Theory -3	DSC	4
4	CHEM 304	Inorganic Chemistry Special Theory -1	DSE	4
5	CHEM 305	Organic Chemistry Special Theory -1	DSE	4
6	CHEM 306	Physical Chemistry Special Theory -1	DSE	4
7	CHEM 307	Inorganic Chemistry Practical -3	DSC	3
8	CHEM 308	Organic Chemistry Practical -3	DSC	3
9	CHEM 309	Physical Chemistry Practical -3	DSC	3

4th Semester

Sr. No.	Subject Code	Subject Name	Subject Category	Credits
1	CHEM 401	Inorganic Chemistry Special Theory -2 (Advanced Organometallics)	DSE	4
2	CHEM 402	Inorganic Chemistry Special Theory -3 (Modern Techniques of Chemical Analysis)	DSE	4
3	CHEM 403	Inorganic Chemistry Special Theory -4 (Inorganic Spectroscopy)	DSE	4
4	CHEM 404	Inorganic Chemistry Special Theory -5 (Bio- Inorganic Chemistry)	DSE	4
5	CHEM 405	Organic Chemistry Special Theory -2 (Organic Synthesis)	DSE	4
6	CHEM 406	Organic Chemistry Special Theory -3 (Natural products)	DSE	4
7	CHEM 407	Organic Chemistry Special Theory -4 (Medicinal Chemistry)	DSE	4
8	CHEM 408	Organic Chemistry Special Theory -5 (Polymer Chemistry)	DSE	4
9	CHEM 409	Physical Chemistry Special Theory -2 (Advanced Quantum Chemistry)	DSE	4
10	CHEM 410	Physical Chemistry Special Theory -3 (Solid State Chemistry)	DSE	4
11	CHEM 411	Physical Chemistry Special Theory -4 (Biophysical Chemistry)	DSE	4
12	CHEM 412	Physical Chemistry Special Theory -5 (Chemistry of Macromolecules)	DSE	4
13	CHEM 413	Inorganic Chemistry Special Practical -1	DSE	6
14	CHEM 414	Organic Chemistry Special Practical-1	DSE	6
15	CHEM 415	Physical Chemistry Special Practical-1	DSE	6
16	CHEM 416	Two Seminar*	AECC	4