

UTTARAKHAND AYURVEDIC
GRADUATE MEDICAL

U.G. ORDINANCE



UTTARAKHAND AYURVED
UNIVERSITY

Tel Phone : 0135-2685124 FAX : 0135-2685137 Email : info@uau.ac.in

1. AIMS AND OBJECTS OF UNIVERSITY

The bachelor of Ayurved education will aim at producing graduates, having profound Knowledge of Ashtanga Ayurved supplemented with Knowledge of scientific advances in modern medicine along with extensive practical training; who will become efficient physicians and surgeons fully competent to serve the health care service.

2. ADMISSION QUALIFICATION

12TH standard with science or any other equivalent examination recognized by concerned state Governments and Education boards, provided the candidate passes the examination with 50% aggregate marks in the subjects of physics, Chemistry and Biology.

Entrance examination will be arranged state level for the government seat and national level for management seats in separate. The qualified candidates in the entrance test are called on order of merit and admission will be made accordingly.

For foreign students any other equivalent qualification to be approved by the University will be allowed.

3. DURATION OF COURSE:

Degree Course 5-1/2 years, Comprising

- | | |
|-----------------------------------|------------|
| a) I Professional | -12 months |
| b) II Professional | -12 months |
| c) III Professional | -12 months |
| d) Final Professional | -18 months |
| e) Compulsory Rota try Internship | -12 months |

4. DEGREE TO BE AWARDED

Ayurvedacharya (Bachelor of Ayurvedic Medicine and Surgery- B.A.M.S)

The candidate shall be awarded Ayurvedacharya (Bachelor of Ayurvedic Medicine and Surgery- B.A.M.S) degree after passing the final examination, after completion of prescribed course of study extending over; prescribed period and thereafter satisfactorily completing the compulsory rotatory internship over twelve months.

5. MEDIUM OF ANSTRUCTION

Sanskrit, Hindi, any recognized regional language or English.

6.1 FIRST PROFESSIONAL EXAMINATION:

- I. The first professional examination shall be at the end of one academic year of first professional session. The first Professional session will ordinarily start in July.
- II. The first professional examination shall be held in the following subjects:-
 1. Padarth Vigyan avam Ayurved Itihas
 2. Sanskrit
 3. Kriya Sharir (Physlogy)
 4. Rachna Sharir (Anatomy)
 5. Maulik Siddhant avam Ashtang Hridaya (Sutra Sthan).
- III. A student failed in not more two subjects shall be held eligible to keep the terms for the second professional course, however he/she passes in all the subjects of the first professional.

6.2 SECOND PROFESSIONAL EXAMINATION:

- i. The Second Professional session shall start every year in the month of July following completion of first Professional examination.

The second professional examination shall be ordinarily held and completed by the end of month of may/June every year after completion of one year of second professional session.
- ii. The second professional examination shall be held in the following subjects:-
 1. *Dravyaguna Vigyan (Pharmacology and Materia Medica)*
 2. *Rasashastra- Bhaishajya Kalpana (Pharmaceutical Science)*
 3. Agad tantra Vyavhar Ayurved evam vidhi vaidyaka (Toxicology and Medical Jurisprudence.)
 4. Charak-Purvardh
- iii. A student failed in not more than two subjects shall be held eligible to keep the terms for the third professional examination, however he/she will not be allowed to allowed to appear for the third professional examination uniesh he/she passes in all the subjects of second professional examination.

6.3 THIRD PROFESSIONAL EXAMINATION:

- i. The Third Professional session shall start every year in the month of July following completion of second Professional examination.

The Third professional examination shall be ordinarily held and completed by the end of month of may/june every year after completion of one year of third professional session.
- ii. The Third professional examination shall be held in the following subjects:-
 1. Roga Nidan Vikriti Vigyan (Pathology & Microbiology)
 2. Charak Samhita-Uttarardh

3. Swastha Vritta & Yoga (Preventive and Social Medicine & Yoga)
4. Prasuti & Striroga (Gynaecology & Obstetrics)

PAGE-2

- 1) A student failed in not more than two subjects shall be held eligible to keep the terms or the final professional examination, however he/she will be allowed to appear for the final professional examination unless passes in all subject of Third Professional examination.

6.4. FINAL PROFESSIONAL EXAMINATION

- 2) The final professional session will be of 1 and ½ year duration and shall start every year in the month of July following completion of Third Professional Examination.

The final professional examination shall be ordinarily held and completed by the end of month of Oct/Nov every year after completion of one and half year of final professional session.

- 3) Final professional examination shall comprise of the following subjects:-
 1. Shalya Tantra (General Surgery)
 2. Shalakyata Tantra (Diseases of Head & Neck including Ophthalmology, ENT and Dentistry)
 3. Kayachikitsa (Internal Medicine-including Manas Roga, Rasayan & Vajikarana).
 4. Panchakarma
 5. Research Methodology & Medical-statistics

7. COMPULSORY INTERN

Duration of internship: 1 year

The student will join the compulsory internship programme after passing the final professional examination. The internship programme will start after the declaration of the result of final professional examination. The period of the internship will be of one year.

- i. The interns will receive an orientation regarding programme details of internship programme along with the rules and regulations, in an orientation workshop, which will be organized during the first three days of the beginning of internship programme. A workbook, will be given to each intern. The intern will enter date wise details of activities undertaken by him/her during his/her training.
- ii. Every intern will provisionally register himself with the concerned State Board/Council and obtain a certificate to this effect before joining the internship programme.
- iii. Daily working hours of intern will be not less than eight hours.
- iv. Normally one year internship programme will be divided into Clinical training of six months in the Ayurvedic hospital attached to the college and six months in PHC/CHC/Rural hospital/District Hospital/Civil Hospital or only Govt. hospital of

modern medicine. But where there is no provision/permission of the State Government for allowing the graduate of Ayurveda in the hospital/dispensary of Modern Medicine, the one year Internship will be completed in the hospital of Ayurved college.

- v. Clinical Training of six/twelve months as case may be in the Ayurvedic hospital attached to the college will be conducted as follows:-

Departments	Distribution of six months	Distribution of twelve months
1. Kayachikitsa	2 months	4 months
2. shalya	1 months	2 months
3. Shalakya	1 months	2 months
4. prasuti Avam Stirog	1 months	2 months
5. kaumar Bhriyara	15 days	1 month
6. Panchakarma	15	1 month

- vi. Six months training of interns will be carried out with an object to orient and acquaint the intern with National health programme. The intern will have to join in one of the following institutes or undertaking such training.
- vii. Primary Health Centre
- viii. Community Health Centre/District Hospital
- ix. Any hospital of modern medicine.
- x. Any Ayurved hospital or Dispensary.
- xi. All the above centers (a, b, c and d) will have to be recognized by the concerned University and concerned Govt. designated authority for taking such a training.

Detail Guideline for training programme.

- xii. Guidelines for conducting the internship clinical training of 06/12 months in the Ayurvedic hospital attached to the college.
- xiii. The intern will undertake following activities department as shown below:-

1. Kavachikitsa Duration: 2 months/4 months

- xiv. All routine work such as case taking, investigations, diagnosis and management of common diseases by Ayurvedic Medicine.
- xv. Routine clinical pathological work I.e Hemoglobin estimation, complete haemogram, urine analysis, microscopic examination of blood parasites, sputum examination, stool examination etc.. Mutra evam Mala pariksha by Ayurvedic method. Interpretation of laboratory data and clinical findings and arriving at a diagnosis.
- xvi. Training in routine ward procedures and Supervision of patients in respect of their diet, habits and verification of medicine schedule.

2. Panchakarma- Duration: 15 days/ 1month

- a) Panchakarma procedures and techniques regarding poorva Karma, pradhan Karma and paschat Karma.

3. Shalya Duration: 1 days/ 2 month

Intern should be trained to acquaint with

- I. Diagnosis and management of common Surgical disorders according to Ayurvedic principal.
- II. Management of certain Surgical emergencies such as fractures and dislocations, Acute abdomen etc.

- III. Practical training of aseptic and antiseptics techniques, sterilization etc.
- IV. Intern should be involved in pre-operative and post-operative managements.
- V. Practical use of anesthetic techniques and use of anesthetic drugs.
- VI. Radiological procedures, clinical interpretation of X-ray, IVP, Barium meal, sonography etc.
- VII. Surgical procedures and routine ward techniques such as:-
 - i. Suturing of fresh injuries.
 - ii. Dressing of wounds, burns, ulcers etc.
 - iii. Incision of abscesses.
 - iv. Excision of cysts.
 - v. Venesection etc.
 - vi. Application of Ksharasutra in ano rectal diseases.

4. shalakyā Duration: 1 days/ 2 month

Intern should be trained to acquaint with

- a) Diagnosis and management of common surgical disorders according to Ayurvedic principal.
- b) Intern should be involved in Pre-operative and Post-operative management.
- c) Surgical procedures in Ear, Nose, Throat, Dental problems, ophthalmic problems.
- d) Examination of Eye, Ear, Nose, Throat and Refractive Error etc. with the supportive instruments in OPD.
- e) Procedures like Anjana Karma, Nasya, Raktamokshan, Karnapuran, Shirodhara, Putpak, Kawal, Gandush etc. at OPD level.

5. Prasuti &striroga Duration: 1 month/ 2 months

Intern should be trained to acquaint with

- a) Antenatal and post-natal problems and their remedies, Antenatal and post- natal care.
- b) Management of normal and abnormal labours.
- c) Minor and major obstetric surgical procedures etc.

6. balroga Duration: 15 days/ 1 months

Intern should be trained to acquaint with

- a) Antenatal and post-natal problems and their remedies, antenatal and post-natal care also by Ayurvedic Principles and medicine.
- b) Antenatal and Post-natal emergencies.
- c) Care of new born child along with immunization programme.
- d) Important pediatric problems and their Ayurvedic management.

B. PHC/Rural Hospital/District Hospital/Civil hospital or any Govt. hospital of modern medicine.

- i. Guidelines for conducting six months internship training in primary Health Centre, Community Health Center/District Hospital; Any hospital of modern medicine any Ayurved hospital or Dispensary.

Intern should get acquaint with

- ii. Routine of the PHC and maintenance o their records.
- iii. They should be acquainted with the routine working of the medical/non-medical staff of PHC and be always in contact with the staff in this period.

- iv. They should be familiar with work of maintaining the register e.g daily patient register, family planning register, and surgical register and take active participation in different Government health schemes/ programme.
- v. They should participate actively in different National Health Programmes of Government of the State/District.

C. **Casualty section** of any recognized hospital of modern medicine.

Identification of casualty and trauma cases and their First aid treatment. Also procedure for referring such cases to the identified hospitals.

D. **Rural Ayurvedic dispensary/Hospital**

Diseases more prevalent in rural and remote areas and their management.

Teaching of health care methods to rural population and also various immunization programmes.

8. Assessment

- vi. After completing the assignment in various sections, they have to obtain a certificate from the head of the Section in respect of their devoted work in the section concerned and finally submitted to principal/Head of the institute so that completion of successful internship can be granted.

9. Migration of Internship: Migration of internship will not be allowed college to college and university in any conditions.

10. EXMINATION:

- a. Theory examination shall have one question for very short answer having 20% marks, two question have short answer question having 40% marks & two Question for long explanatory answer having 40% marks.
- b. Theory and Practical examination will be in two parts; Internal examination and main examination. 100 marks in each question paper will be divide 20 marks or Internal examination and 80 marks for main examination in theory and practical examination separately.

A candidate obtaining 75% marks in the subject shall be awarded distinction in the subject.

The minimum 35% marks required in a paper and total minimum marks for passing the examination shall be 50% in theory and practical separately in each subject.

The supplementary examination will be held within 6th months of regular examination and failed students shall be eligible to appear in its supplementary examination as the case may be.

Minimum 75% attendance of the student in each subject separately in theory & practical shall be essential or appearing in the examination. In the regard a class attendance card shall be maintained for the each student for the different subjects. The Principal shall arrange to obtain the signature of the students, teachers at the end of each course of lectures and practical instructions and send the cards to each Head of the Department for the final completion before the commencement of each examination.

In case a student fails to appear in regular examination for cognitive reason, he/she will appear in supplementary examination as regular students. In such cases his/her nonappearance in regular examination will not be treated as attempt, Such students after passing examination will Join the studies with regular students and appear for next professionals examination after completion the required period of study.

The following facts may be taken into consideration in determining class work in the subject:-

- a. Regularity in attendance
- b. Periodical tests
- c. Practical copy

MIGRATION: The students may be allowed to take the migration to continue his/her study to another college after passing the first year examination. Failed students transfer and midterm migration will not be allowed. For migration, the students shall have to obtain the mutual consent both college and universities and will be against the vacant seat after obtaining NOC from CCIM.

11.1 NUMBER OF PAPERS AND MARKS FOR THEORY/PRACTICAL:

Name of the subject	Number of hours of teaching			Details of maximum marks			
	Theory	Practical	total	Number of papers	Theory	Practical	total
1st Professional							
1.Padarth vigyan evam Ayurved ka lthas	100		100	Two	200		100
2.Sanskrit	200		200	One	100		100
3. Kriya Sharir	200	200	400	two	200	100	300
4. Rachna Sharir	300	200	500	two	200	100	300
5.Maulik Siddhant evam Asthanga Hriyaya(Sutra Sthana)	150		150	One	100		100
2nd Professional							
1.Dravyaguna Vigyan	200	200	400	Two	200	200	400
2. Agadtantra vyavhr Ayurved evam Vidhi vaidyak	200	100	300	One	100	50	150
3.Rasashastra Evam Bhaistiya Kaipana Part-1	200	200	400	Two	200	200	400
4.Charak Samhita (Purvardh)	200		200	One	100		100
3rd Professional							
1.Roga Vigyan Evam Vikriti vigyan	200	100	300	Two(01-pathology01-Ayurveda)	200	100	300
2.Swastha Vritta & yoga	200	100	300	Two	200	100	300
3.Prasuti Tantra & Stri Roga	200	100	300	Two	200	100	300
4.Balroga	100	100	200	One	100	50	150
5.Chark samhita (Uttarardh)	200		200	One	100		100
Final Professional							
1.Kayachikitsa	300	200	500	Two	200	100	300
2.Panchikarma	100	200	300	One	100	50	150
3.Shaiya Tantra	200	150	350	Two	200	100	300
4.Shalya Tantra	200	150	350	Two	200	100	300
5.Research Methodology & Medical Ststisocs	50		50	One	50		50

NOTE : The period of theory and practical shall not be less than 60 minutes (one hour). The duration of the practical of clinical subjects and Rachna Sharir (Dissection) shall be of at least 120 minutes (two hours).

11.2 Clinical training of the students will start from third year onwards.

11.3 The clinical training in the hospital attached with college to the students shall be as follows:-

1. Kayachikitsa (Indoor and Outdoor): 18 months
 - a) Kayachikitsa (Samanya) 06 months
 - b) Manasroga 03 months
 - c) Rasayan & Vajakaran 03 months
 - d) Panchakarma 03 months
 - e) Rog Vigyan Vikruti Vigyan 03 months
2. Shalya (Indoor and Outdoor): 09 months
 - f) shalya (Samanya) 03 months (at least one month in OT)
 - g) Shalya (Kshar & Anushastra Karma) 03 months (at least one month in OT)

- h) Ksharsutra 02 months
i) Anaesthesia 15 days
j) Radiology 15 days
3. Shalakya Tantra (Indoor and Outdoor): 04 months (at least one month in OT)
4. prasuti Tantra Avam Striroga 03 months (Outdoor and Outdoor)
5. kaumar Bhriyara (Outdoor and Outdoor): 01 months
6. atyayik(casualty) : 02 months

12. Qualifications & Experience for teaching staff for UG teachers:

(Applicable for direct recruitment but age will be relaxed in case of promotion)

i. **ESSENTIAL:**

- a) A degree in Ayurved from a University established by law or a statutory Board/faculty/Examining Body of Indian Medicine or its equivalent as recognized under Indian medicine Central Council Act. 1970.
- b) A Post-graduate qualification in the subject/specialty concerned included in the schedule to Indian medicine Central Council Act, 1970.

ii. **EXPERIENCE:**

a) **For the post professor:**

Total teaching experience of ten years in concerned subject is necessary out of which there should be five years teaching experience as Reader/Associate Professor in concerned subject.

b) **For the post of Associate professor (Reader):**

Teaching experience of five years in concerned subject. (Reader will be treated as Associate Professor).

c) **For the post of Ass.professor (Lecturer): (age not exceeding 40 years).**

No teaching experience is required. Lecturer will be treated as Ass. Professor).

d) **Qualification for the Post of Head of the Institution (Principal/Dean/Director):**

The qualification and experience prescribed for the Post of Professor shall be essential for the these Posts.

Note:- In absence of the candidate of post-graduation qualification in concern subject the candidate of the following subjects as mentioned against shall be eligible for the post of Lecturer / Asstt . professor:-

Speciality required	Name of the allied subject
1.Swastha vritta	1.Kayachikitsa
2. Agadtantra	2. Dravyaguna/Rasashastra
3. Rog Vigyan	3. Kayachikitsa
4.Rachna Sharir	4.Shalya
5.Kriya Sharir	5.Samhita Siddhant
6.Shalakya	6.shalya
7.Panchkarma	7.Kayachikitsa
8.Balroga	8.Prasuti 7 Striroga/Kayachikista
9.Kayachikitsa	9.manasroga
10.Shalya	10.nischetana evam Ksha-Kirana

- a. The above provision of allied subject will be allowed for five years.

- b. The teacher(s) who, had been considered eligible in the past on the basis of previous regulations shall not be considered ineligible on the basis of amendment.

13. Appointment of Examiner in Ayurved:

No person other than Regular/Retired teacher with minimum eight years teaching experience in the concerned subject shall be considered eligible for an examiner.

(Dr, Mritunjay Kumar)

Registrar,
Uttarakhand Ayurved University
Dehradun