

**UNIVERSITY COLLEGE OF SCIENCE**  
**MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR**  
मोहनलाल सुखाड़िया विश्वविद्यालय, उदयपुर  
*(NAAC Accredited A grade State University)*

**Main Courses (Full Time Regular)**

**1. Under Graduate Courses**

Srno	Course	Eligibility	Minimum Required Marks	Duration	Seats/SF S seats	Fee for SFS/payment ent seats
<b>Bachelor of Science (B.Sc.)</b>						
1	Physics-Mathematics Group (PCM, PMComp., PMG, PMStat.,)	10+2 (Science) with Maths.	48%	Three Years	120	Normal Fee
2	Mathematics with any two following subjects Chemistry, Geology, Statistics	10+2 (Science) with Mathematics	48%	Three Years	60	Normal Fee
3	Physics, Mathematics & Comp.Sc. (Additional Seats)	10+2 (Science) with Mathematics	48%	Three Years	20(SFS)	Rs 6875/- +Normal Fee
4	Life Science Group Chemistry with any two of the following Subjects' Botany, Zoology, Env.Sc., Geology	10+2 (Science) with Biology	48%	Three Years	180	Normal Fee
5	Life Science Group (Additional seats)	10+2 (Science) with Biology	48%	Three Years	30(SFS)	Rs 6875/- +Normal

	Chemistry with any two of the following Subjects' Botany, Zoology, Env.Sc., Geology					Fee
6	B.Sc. with Additional Subject Geology	B.Sc.	48%	One Year	20	Normal Fee
7	B. C. A (Annual) SFS Course	10+2	48%	Three Year	60(SFS)	Rs 29,500/- per year + Local Fund Fee
8	B. Pharma	10+2 Science	48%	Four Years	40	Rs 35,000/- per year+Rs 5000/- Caution Fee
9	B.Sc.(CBCS) With following Subject combinations:(Biotechnol ogy+Botany+Chemistry) SFS Course	10+2 (Science) with Biology	48%	Three Years	60(SFS)	Rs 40,600/- per year+ Local Fund Fee
10	B.C.A (CBCS) Semester SFS Course	10+2 (Science)	48%	Three Years	60(SFS)	Rs 29,500/- per year + Local Fund Fee

**Normal Fee: Tuition Fee + College Local Fund Fee**

**Note:**

1. Total number of seats for the three year degree courses in Physics, Geology, statistics and computer Science shall not exceed Physics :120, Geology: 40,Statistics:40 and Computer Science:40.

2. If number of students admitted in a subject combination is less than 10, admitted students will be transferred to other subject combinations as per merit due to minimum number of students required to offer a subject combination.

### 2. Master of Science (CBS) Programme: M. Sc. (CBCS) Semester Course

Srno	Discipline (Subject)	Eligibility	Minimum Required Marks	Duration	Total Seats Normal fee+SFS	Fees for Payment /SFS seats
1	Biotechnology	B.Sc. *	48%	Two Years	08+22(SFS)	Rs 30,700/- per semester +Normal Fee
2	Botany	B.Sc.	48%	Two Years	25+10(SFS)	Rs 25,100/-per year+Normal Fee
3	Chemistry	B.Sc.	48%	Two Years	30+15(SFS)	Rs 25,100/-per year +Normal Fee
4	Environmental Sciences	B.Sc.*	48%	Two Years	10+15(SFS)	Rs 30,600/-per year +Normal Fee
5	Geology	B.Sc.	48%	Two Years	10+15(SFS)	Rs 25,100/-per year +Normal Fee
6	Information Technology	B.Sc./B.C.A	48%	Two Years	25(SFS)	Rs 29,500/-per semester+Local Fund Fee
7	Industrial Chemistry	B.Sc.	48%	Two Years	25(SFS)	Rs 25,100/-per semester+Local Fund Fee (Rs 45,100/-per year)
8	Mathematics	B.Sc./B.A	48%	Two	50+10(SFS)	Rs 24,800/-per year

		with Maths.		Years		+Normal Fee
9	Microbiology	B.Sc.*	48%	Two Years	20(SFS)	Rs 38,300/-per semester+Normal Fee
10	Physics	B.Sc.	48%	Two Years	25+10(SFS)	Rs 24,800/-per year +Normal fee
11	Polymer Science	B.Sc.*	48%	Two Years	20(SFS)	Rs 25,100/-per year+Normal fee
12	Statistics	B.Sc.	48%	Two Years	20(SFS)	Rs 24,800/-per year+Normal fee
13	M. C.A	B.Sc./B.C.A with Mathematic s	48%	Three Years	30+30(SFS)	As per Govt. Approved fee
14	M. Tech Geology	B.Sc.	48%	Two Years	10+4(SFS)	Rs 25,100/-per semester +Normal Fee

Normal Fee: Tuition Fee + College Local Fund Fee

Note:

\*1. For admission to M.Sc. Biotechnology, Candidates must have any of the following two subjects at B.Sc.

Chemistry, Botany, Zoology, Environmental Sc., Environmental Technology, Microbiology, Genetics, Biotechnology/Microbial Genetics /Biotechnology

\*\* 2. For Admission to M.Sc.,the student must have compulsorily studied Chemistry as one of the optional subject.

3. For SFS seats additional fee (other than College fee ) will be charged as per table 2.

4. In M.Sc (CBCS) ,additional Rs 600/- will be charged in the college fee towards General category of Skill courses offered by the College. Those who select specialized Skill courses offered by the Departments under SFS additional fee will be charged by the department.

5. According to CBCS scheme minimum 75% attendance in each paper of every course is compulsory for students taking B.Sc., M.Sc. and B.C.A (CBCS) programme. If at the end of the semester their attendance is found less than 75%, they shall not be allowed to appear in the end semester theory and practical examinations. No concession in the attendance shall be given on medical grounds or any other grounds. There is no provision exists for condoning attendance. Students are advised to read the attendance rules of the college before taking admission.

### **Diploma & Certificate Courses**

#### 1. Short Term Diploma: Vocational Skill Courses (Part Time)

Srno	Discipline (Subject)	Eligibility	Total Seats Normal fee+SFS	Fees for Payment /SFS seats
1	Software Development	Graduate	08+22(SFS)	Rs 8000/-
2	Computer Network Installation and Maintenance	10+2	25+10(SFS)	Rs 10,000/-

#### 2. Certificate Programme : Skill Enhancement Courses (part-time)

Srno	Discipline (Subject)	Eligibility	Total Seats	Fees
1	Basic Electricity and Electronics	10+2	40	RS 2000/-
2	Computer Hardware Maintenance and Installation	10+2	40	Rs 2000/-
3	Computer Network Maintenance	10+2	40	Rs 2500/-
4	Optical Fiber Maintenance	10+2	40	Rs 2500/-
5	Information Technology for Business and Accounting Applications	10+2	40	Rs 2500/-

6	Advanced Information Technology for Business and Accounting Applications	10+2	40	Rs 3000/-
7	Video Editing and Production	10+2	40	Rs 2500/-
8	Statistical Analysis of Data using SPSS	Graduate	40	Rs 2500/-
9	Big Data Analytics	Graduate	40	Rs 2500/-
10	Java J2EE	10+2	40	Rs 2000/-
11	Visual Studio dot Net	10+2	40	Rs 2000/-
12	Office Automation and E-governance	10+2	40	Rs 1500/-
13	Cloud Computing	10+2	40	Rs 2500/-

Note: Skill courses will be offered only a minimum number of applicants available for admission as well as availability of skill trainers to offer the courses. Interested students are required to register in the student helpline.

### **Rules applicable to Students admitted under Faculty of Science**

1. Students admitted to Under Graduate and Post-graduate Courses shall not be allowed to change their subjects. So students are advised to choose their option carefully during counseling/admission.
2. Students admitted against SFS seats(Payment seats) shall be required to pay Additional Payment seat Fee in addition to college fee annually.
3. Following attendance rules will apply for all the students admitted

(a) All the students admitted as regular students of UG,PG and other courses in the faculty of science shall be required to attend 75% of the classes held in each subject in both practical and theory separately. In CBCS courses, 75% attendance will be required separately in each paper as per course rules.

(b) Attendance will be prepared by the teacher concerned and notified every month on the University website and notice board normally before 7<sup>th</sup> of every month by the Head of the Department.

(c) Candidates whose attendance is less than 75% shall not be allowed to appear in the University external examinations based on the attendance computed at the end of session/semester. However, in genuine cases decided by a committee, maximum 10% of the total classes held can be conducted as remedial classes in each paper provided the expenditure for conducting such classes will be borne by the participating students on sharing basis. No exception and relaxation in the maximum remedial classes to be held is permissible as it dilutes the attendance requirement.

(d) In case of serious medical reasons (to be decided by a committee) maximum 5% of classes lost may be allowed to be compensated by assigning written or any academic work by recording attendance as and when student returns back from medical leave.

(e) In case a student submits his online application form for examination without fulfilling attendance requirements or even if he has been issued online admit card, if the candidate has not satisfied attendance requirement, he/she shall not be eligible to appear in the external examination. Even if the candidate takes the admission, his/her result shall not be declared.

(f) Neither Head of the Department nor Dean of the College shall not relax the above attendance rules and allow the candidate to appear in the examination. No affidavit/certificates etc shall be valid for appearing in the University examination.

4. Candidates admitted in the SFS seats/SFS courses shall not be allowed change into Normal fee seats.

5. Candidates deposited fees but not attended the college shall not be treated as students of the college and shall not be eligible for appearing in any examinations or availing facilities for the students.

6. If a student admitted against the Normal fee seats leaves the course within a period of one month from start of the course, tuition fee and Laboratory fee will be refunded as per University rules provided seat allotted to the candidate is filled by last date of admission.

(i) Such candidates shall be required to apply within a week from taking admission in the outside institution along with fee receipt issued by both the institutions

(ii) Required to submit Transfer certificate issued by the College along with fee refund applications.

(iii) In case of a candidate is admitted against the SFS Course/Payment seat, fee refund will be made only if the seat vacated by the candidate is filled by another candidate due to economical viability of the course.

(iv) Students shall not be eligible if their application is received for fee refund after a period of one month from the date of admission in the College/Department of the University.

7. Students are advised to apply for the refund of their Caution Deposit/Book Bank Security etc. within a period of one year from taking their Transfer Certificate or completion of their course. After a lapse of one year, refund shall not be made.

8. Name of all students who fails to attend the college continuously for a period of one month (excluding vacation period) after taking admission shall be removed from the Students Register and shall not be eligible for re-admission or appearing in the classes held or in the University Examinations. However, if a candidate is absent due to medical reason, and informed in writing, he/she will be required to take re-admission by submitting a valid medical certificate as per Government rules with fitness to continue his/her studies provided the candidate satisfies the minimum 75% attendance requirement.

9. The Attendance rules and other rules and regulations for M.Sc. (CBCS) programme will also be applicable for B.Sc.(CBCS), B.C.A(CBCS) and MCA (CBCS) programme.

10. All the students admitted to B.Sc. and M.Sc. courses shall be required to deposit the



original Transfer Certificate issued by the last institution attended. If the student leaves the institution after regular classes begin or after the issue of Identity card he/she shall be required to get his transfer certificate from the college to leave the college to take admission in another college. The original TC deposited shall not be returned.

## **Master of Science Programme under Choice Based Credit System M.Sc.(CBCS)**

As per direction of University Grants Commission New Delhi and as per decision of the Academic Council of the University, the faculty of Science and Faculty of Earth Sciences have decided to adopt CBCS system in all Masters programmes offered by the University Departments and affiliated Colleges from academic session 2015-16

**Duration of Programme:** Four Semesters

**Eligibility:** Bachelor or equivalent degree in the relevant subject on the basis of marks obtained in prescribed subjects with minimum 48 % or B.Sc. under CBCS with minimum 24 credits in the discipline concerned and minimum C Grade.

**Admission:** Admission will be made on the basis of merit determined on the basis of marks obtained in written external examination in theory papers at the graduation level in relevant subject, if the number of application received are more than three times the sanctioned strength admission will be given through entrance examination, merit list will be based on adding 50 percent marks attained in the entrance exam and 50 percent marks attained in theory papers of the qualifying exam.

**Medium of Instruction and Examination:** English

**No. of seats:** According to information given in the table no. 1&2

**Attendance requirement:** a candidate taking admission in the Masters programme under CBCS shall be required to have minimum 75% Attendance. No candidate having attendance less than 75% in each Semester in each course shall be eligible to appear in the external semester End examination in the respective course.

**Credit Requirement:** Each student will have to earn total 100 Credits per semester, 96 from core & discipline specific elective +4 credits from skill courses.

At the beginning of each Semester, students shall be required to register for prescribed number of core courses, discipline specific Elective and Skill Courses.

Students shall be required to contact respective Departments for selecting core courses, Subject specific Elective and Skill courses.

Each university Department will also offer elective Skill courses under SFS programme related to their subject apart from the core and elective courses. In addition to this, four skill courses of general nature will also be offered by the College and a nominal fee of Rs. 600/- per course will be deposited along with regular fee. The following general Skill Courses will be run by the college:

### **General Skill Courses**

- (I) Communication and Presentation Skills
- (II) Scientific writing Skills
- (III) ICT Skills
- (IV) Maintenance and Analytical Skills(For students of Biological Sciences)

Minimum 20 Students will be required to offer each course under General Skill courses where as a minimum 10 students will be required to offer Subject Specific Skill Courses. Each Skill Course shall be of 2 credits (4hrs/week) and students will have to earn at least 4 Credits by offering any 2 Skill Courses from the General list or subject Specific Skill courses. Students can also extra credits about 100 credits for value addition of their degree by taking more Skill Courses which will be listed under extra on the mark sheet. Registration for the Skill Courses and general courses will be offered on first cum first serve basis through registration from the beginning of the registration for CBCS courses.

Since the courses management of choice bases credit system will be done through a web based application , students are expected to use web application on daily basis as well as visit University web site for more details regularly.

### **ACADEMIC CALENDER FOR M.Sc. (CBCS) 2016-17** **Academic Session 2016-17**

Date	Particulars
1 to 9-7-2016	Admission
11-7-2016	Orientation programme for Choice Based Credit System
12-7-2016	Starting of First Semester & Third Semester Teaching
1 to 15-11-2016	Internal Assessment Examination
25-11-2016	Meeting of Internal Assessment Committee & Display of Internal Assessment marks

28-11-2016	Last date for submission of grievances for IA
30-11-2016	End of Teaching
1-12-2016 to 12-12-2016	University Examinations First and Third Semesters
14--12-2016 to 20-12-2016	Practical Examinations for First and Third Semesters
16-12-12-2016 to 20-12-2016	Registration for Skill courses
24-12-2016	Semester Break
1-1-2017	Online Registration for Second Semester & starting of Second & fourth Semester classes
8-4-2016 to 12-4-2017	Internal Assessment Examination
18-4-2017	Meeting of Internal Assessment Committee & Display of Internal Assessment marks
20-4-2017	End of Teaching
25-4-2016 to 30-4-2017	Practical Examination
1-5-2016 to 15-5-2017	Second and Fourth Semester End Semester Examination
16-5-2017	Semester Break

Attendance will be uploaded and displayed on web site by 5<sup>th</sup> of every month. The above academic calendar is also applicable for BCA/B.Sc. CBCS programme.