

Frequently Asked Questions

Q1. How many papers a student studies in B.Sc.(H) Mathematics?

Ans. In four years of UGCF, the students will study 20 core papers of mathematics. In addition to these they will also study discipline specific electives, generic electives, skill enhancement papers, value added courses and ability enhancement courses.

Q2. Can a student apply for B.Sc.(H) Mathematics without studying Mathematics in higher secondary?

Ans. No, a student cannot apply for B.Sc.(H) Mathematics without studying Mathematics in higher secondary as it is a mandatory subject in the calculation of best four subjects.

Q3. Is there any practical related paper in B.Sc.(H) Mathematics?

Ans. B.Sc.(H) Mathematics course is designed in such a manner, that students are taught multiple software throughout their course of study. The software are included in the form of practical component in the syllabus.

Q4. What are the other activities students can do during the course of study?

Ans. Students can participate in conferences, symposiums, seminars and workshops. Lectures of eminent speakers are also being organized from time to time for the benefit of students. Students can also participate in extra-curricular activities by joining different societies such as Dance society, Sports Society, Music society, Literary society, NSS and others.

Q6. How many colleges are offering B.Sc.(H) Mathematics in University of Delhi?

Ans. There are about 40 colleges that offer B.Sc.(H) Mathematics in University of Delhi.

Q7. Is B.Sc.(H) Mathematics a good course?

Ans. B.Sc.(H) Mathematics is a very prospective course with a large spectrum of research fields and many career prospects.

Q8. What are the opportunities for higher studies after completing B.Sc.(H) Mathematics?

Ans. After completing B.Sc.(H) Mathematics, a student can opt for various fields to pursue higher education such as M.Sc. Mathematics, M.Sc. Operational Research, MBA, MCA, MPH, UPSC and others.

Q9. Can a student of B.Sc.(H) Mathematics give an MCA/MBA entrance exam?

Ans. Yes, a student can give the entrance exam of MBA/MCA after doing B.Sc.(H) Mathematics.

Q10. Does a B.Sc.(H) Mathematics student study papers other than mathematics?

Ans. The new education policy focusses on a major and minor degree. A student has the opportunity to study a subject other than Mathematics throughout their 4-year UGCF to get a minor degree in it. They also study multiple career-oriented papers in SEC, VAC and AECC.

Q11. What is a Generic Elective (GE) paper?

Ans. A generic elective is a paper which must be chosen by the student among the papers offered by different departments of the college apart from the parent department in which the student is enrolled to pursue the undergraduate major degree. They provide multidisciplinary education to students.

Q12. What is a minor degree?

Ans. A student may be awarded Minor in a discipline, on completion of VIII Semester, if he/she earns minimum 28 credits from seven GE courses of that discipline. Any DSE (Discipline Specific Elective) opted by a student of other department than the parent department will be treated as Generic Elective course.

Q13. What are the advantages of studying a Generic Elective paper?

Ans. A generic elective course is chosen generally from a different discipline/subject, with an intention to give exposure towards different fields. There are various advantages of studying a generic elective paper:

1. It gives an exposure to a new discipline/subject.
2. It provides the student with an alternative option for masters based on their interests.
3. It prepares them to look for interdisciplinary research.

Q15: Is it compulsory for every student to study generic elective papers?

Ans. Yes, it is compulsory for all the students to study four generic papers in the Ist and IInd semester and Vth and VIth semester.

Q16. Which generic elective paper should a student of B.Sc.(H) Mathematics choose?

Ans. A student may choose any subject of his/her own interest, but not from his/her own disciplinary subjects and may continue with the same generic elective discipline during their entire graduation programme to pursue a minor degree in the respective discipline.

Q17. What are Ability Enhancement course (AEC), Skill Enhancement Course (SEC) & Value Addition Course (VAC)?

Ans.(i) AEC courses are the courses based upon the content that leads to knowledge enhancement through various areas of study. They are Language and Literature and Environmental Science and Sustainable Development which will be mandatory for all disciplines.

(ii) SEC courses are skill-based courses in all disciplines and are aimed at providing hands-on-training, competencies, skills, etc. SEC courses may be chosen from a pool of courses designed to provide skill-based instruction.

(iii) VAC courses are value-based courses which are meant to inculcate ethics, culture, Indian Knowledge systems, constitutional values, soft skills, sports education and such similar values to students which will help in all round development of students

Q18. What are the SEC papers offered by the Department of Mathematics?

Ans. The Department of Mathematics offers: Statistics with R, Document preparation software, Spreadsheet tools and many more.

Q19. What are the VAC papers offered by the department of Mathematics?

Ans. Mathematics department offers Vedic Mathematics I and II as Value Added Course papers.