

Chemistry Professor Interview Questions

1. Please share an experience in which you successfully taught a difficult principle or concept. How were you able to be successful?

2. What factors do you consider when preparing course materials?

3. Share an experience in which you effectively prepared and/or delivered a lecture to students. What methods led to your success?

4. Please share with me an example of how you helped coach or mentor someone. What improvements did you see in the person's knowledge or skills?

5. Describe an experience in which you identified the educational needs of your students and successfully developed a way to teach/train them.

6. Share an experience you had in dealing with a difficult person and how you handled the situation.

7. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

8. Tell me how you organize, plan, and prioritize your work.

9. What are some long-range objectives that you developed in your last job? What did you do to achieve them?

10. Share an experience when you applied new technology or information in your job. How did it help your company?

11. Give me an example of when you thought outside of the box. How did it help your employer?

12. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

13. Would you consider analyzing data or information a strength? How so?

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14. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

15. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

16. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?

17. What have you found to be the best way to monitor the performance of your work and/or the work of others? Share a time when you had to take corrective action.

18. Share an experience in which you used new training skills, ideas, or a method to adapt to a new situation or improve an ongoing one. (Look for the candidate's ability to learn.)

19. Share an experience in which your understanding of a current or upcoming problem helped your company to respond to the problem.

20. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was the impact?

21. Share a time when you successfully used scientific rules or methods to solve a problem at work.

22. Please share an experience in which you presented to a group. What was the situation and how did it go?

23. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)

24. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?

25. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

26. Tell me about a time when you developed your own way of doing things or were self-motivated to finish

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an important task.

27. Provide an example when your ethics were tested.

28. Provide an effective method you have used to evaluate and grade students' class work.

29. Share an experience in which your ability to consider the costs or benefits of a potential action helped you choose the most appropriate action.

30. Share a time when you willingly took on additional responsibilities or challenges. How did you successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and can demonstrate some initiative.)

31. Share an experience in which you supervised students' laboratory work. What methods made you successful?

32. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the candidate is dependable.)

33. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

34. Provide an example of when you were persistent in the face of obstacles.

35. Describe an examination you administered which was effective. How about one which was not as effective?

36. Name a time when your creativity or alternative thinking solved a problem in your workplace.

37. Share an experience in which your willingness to lead or offer an opinion helped your company.

38. Describe an effective method you have used to ensure that students comply with safety rules.

39. Provide a time when you dealt calmly and effectively with a high-stress situation.

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40. Describe how you plan, evaluate, and revise curricula, course content, materials, and/or methods of instruction. Share an experience.

41. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

42. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

43. Share an experience in which you successfully supervised teaching, internship, and/or research work. What methods made you successful?

44. Describe research you have conducted. How did you publish your findings?

45. What is the state of your student records? What is one thing you would like to improve upon?

46. Provide an effective method you have used to initiate and facilitate classroom discussions. Share an experience.

47. Share an experience in which your regular office hours helped you in assisting your students.

48. Name a time when your patience was tested. How did you keep your emotions in check?

49. Provide an effective method you have used to keep abreast of developments in your field.

50. Share an effective method you have used to advise students on curricula and career issues.

51. Provide an example of when you set expectations and monitored the performance of subordinates. What guidance and direction did you find most effective?

52. How do you balance cooperation with others and independent thinking? Share an example. (Try to determine if the candidate has a cooperative attitude or is otherwise good-natured.)

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53. Provide an effective method you have used to procure external research funding.

54. Share an experience in which collaborating with colleagues helped you to address a difficult issue.

55. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? (Make sure the candidate is flexible.)

56. Share an experience in which personal connections to coworkers or others helped you to be successful in your work. (Make sure candidate works well with others.)

57. What factors do you consider when selecting materials and/or supplies for teaching and/or research?

58. Describe your experience serving on academic and/or administrative committees. How did your service benefit your school?

59. Provide an experience in which you effectively performed administrative duties, e.g. serving as department head.

60. Share an experience in which your participation in student recruitment, registration, and/or placement activities benefited your school.

61. Share an experience in which your participation on a committee or professional society benefited your school.

62. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges and results?

63. Name a time when your advice to management led to an improvement in your company or otherwise helped your employer.

64. Provide an example when you were able to prevent a problem because you foresaw the reaction of another person.

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65. Share an experience in which you successfully coordinated with others. How about a coordination effort that was not as successful?

66. In your experience, what is the key to developing a good team? (Look for how they build mutual trust, respect, and cooperation.)

67. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

68. Share an experience in which you successfully acted as an adviser to a student organization.

69. Provide an effective method you have used to compile bibliographies for outside reading assignments.

70. Provide an experience in which your ability to actively find ways to help people improved your company or your own work ethic.

71. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem.

72. Share your experience how to write letters of recommendation for students that will help them succeed.

73. In your experience, what is the key to ensuring your company was compliant with all laws, regulations and standards that were applicable to your area of responsibility?

74. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, develop, and direct the worker(s)?

75. Describe a time when you successfully provided personal assistance to a coworker or patron.

76. Describe a time when you successfully persuaded another person to change his/her way of thinking or behavior.

77. Share an experience in which you provided professional consulting services.

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78. Tell me about a time when your ability to analyze needs and product requirements helped you create an effective design or make an informed decision to benefit your company.