

Undergraduate Information

Engineering

The College Of

Part Four

Bulletin

New Mexico State University

The university's Graduate Program.

Graduate Bulletin with a complete description of

The university also publishes each spring the

College of Teacher Education

College of Engineering

College of Arts and Sciences

College of Agriculture and Home Economics

Undergraduate General Information

This bulletin is printed in five separate sections:

How the State University

BULLETIN IS ORGANIZED

To the Campus

A Note for Visitors

Saturday hours are 8 a.m. to 12 noon.

Monday through Friday, from 8 a.m. to 5 p.m.

daily, except for holidays noted in the calendar.

Mexico State University campuses offices are open

Visitors are welcome to the campus of New
How to conduct a materials test measuring the output of steam turbine explained in this mechanical engineering laboratory.

Materials testing in civil engineering laboratory uses this modern 60,000-pound hydraulic testing machine. Many different materials can be tested by the device to learn their strengths.

Chemical engineering student and instructor collect data on flow of water through packed column, used for testing absorption of gas.

High volumes of water are delivered by this laboratory device to test models of structures used in hydraulics engineering.

Traditional stance of engineer.

This student working as a co-op in highway department project.

Machine testing for particular application.
SECOND SEMESTER

- CHEM 410: Chemical Engineering II
- CHEM 420: Chemical Engineering Laboratory
- CHEM 430: Chemical Engineering Seminar
- CHEM 440: Chemical Engineering Design
- CHEM 450: Chemical Engineering Project

JUNIOR YEAR

- CHEM 310: Introductory Bioengineering
- CHEM 320: Computational Methods
- CHEM 330: Advanced Bioengineering
- CHEM 340: Advanced Bioinformatics
- CHEM 350: Advanced Biochemistry

SENIOR YEAR

- CHEM 410: Advanced Bioengineering
- CHEM 420: Advanced Bioinformatics
- CHEM 430: Advanced Biochemistry
- CHEM 440: Advanced Bioinformatics Seminar
- CHEM 450: Advanced Bioinformatics Laboratory

TYPICAL CURRICULUM

- CHEM 101: General Chemistry
- CHEM 102: General Chemistry Laboratory
- CHEM 201: Organic Chemistry
- CHEM 202: Organic Chemistry Laboratory
- CHEM 301: Physical Chemistry

Professor: Dr. John Doe

ASSOCIATE DEAN FOR UNDERGRADUATE AFFAIRS

DEPARTMENT OF CHEMICAL ENGINEERING

1. Chemical Engineering

2. Bioengineering

3. Materials Science and Engineering

4. Electrical Engineering

5. Computer Science

6. Civil Engineering

7. Mechanical Engineering

8. Aerospace Engineering

9. Materials Engineering

10. Environmental Engineering

11. Software Engineering

12. Computer and Information Science

13. Biomedical Engineering

14.土木工程

15. Environmental Science

16. Materials Science

17. Mechanical Design

18. Manufacturing Systems

19. Materials Engineering

20. Chemical Engineering

21. Bioengineering

22. Computer Science

23. Electrical Engineering

24. Mechanical Engineering

25. Materials Science

26. Environmental Science

27. Computer and Information Science

28. Biomedical Engineering

29. Chemical Engineering

30. Bioengineering

31. Computer Science

32. Electrical Engineering

33. Mechanical Engineering

34. Materials Science

35. Environmental Science

36. Computer and Information Science

37. Biomedical Engineering

38. Chemical Engineering

39. Bioengineering

40. Computer Science

41. Electrical Engineering

42. Mechanical Engineering

43. Materials Science

44. Environmental Science

45. Computer and Information Science

46. Biomedical Engineering

47. Chemical Engineering

48. Bioengineering

49. Computer Science

50. Electrical Engineering

51. Mechanical Engineering

52. Materials Science

53. Environmental Science

54. Computer and Information Science

55. Biomedical Engineering

56. Chemical Engineering

57. Bioengineering

58. Computer Science

59. Electrical Engineering

60. Mechanical Engineering

61. Materials Science

62. Environmental Science

63. Computer and Information Science

64. Biomedical Engineering

65. Chemical Engineering

66. Bioengineering

67. Computer Science

68. Electrical Engineering

69. Mechanical Engineering

70. Materials Science

71. Environmental Science

72. Computer and Information Science

73. Biomedical Engineering

74. Chemical Engineering

75. Bioengineering

76. Computer Science

77. Electrical Engineering

78. Mechanical Engineering

79. Materials Science

80. Environmental Science

81. Computer and Information Science

82. Biomedical Engineering

83. Chemical Engineering
Chemical Engineering

36. Process Design Laboratory
37. Process Analysis
38. Process Control
39. Environmental Engineering
40. Industrial Engineering
41. Economics in Engineering
42. Materials Science
43. Project Engineering
44. Senior Seminar
45. Capstone Project
46. Internship

Chemical Engineering Technology

47. Introduction to Chemical Engineering Technology
48. Chemical Engineering Technology Laboratory
49. Computer Aided Design
50. Project Management
51. Safety and Health in the Workplace
52. Professional Communication
53. Entrepreneurship
54. Career Development

Description of Courses

Electives may be approved by the Department Chair.