

Math 314/814–002: Matrix Theory Course Syllabus

The following syllabus shows the material expected to be covered and the corresponding tentative exercise assignments for each week of the semester. Note that what is shown here is *approximate*; there may be changes during the semester.

Week of	Section	Exercises
August 26	1.1	3,5,11,12,15,17,18,21
	1.3	3,6,9,10
	2.1	1,3,5,7,9,11,13,14,15,16,20,23,28,29,35
September 1	<i>No classes — Labor Day</i>	
September 2	2.2	3,5,7,13,14,17,23,25,26,33,35,36,37,43,49,50
	2.3	1,2,3,7,9,15,17,19,23,24,29,33,34,42,43
September 5	<i>Last day to file a drop to remove course from student's record</i>	
September 9	2.4	selected topics
	3.1	3,5,7,13,14,17,18,19,20,21,22,23,29,39
	3.2	3,4,7,11,15,22,23,26,27
September 16	3.3	3,8,12,13,17,19,22,23,25,27,29,33,34,35,39,43,49,53
	3.5	4,5,7,11,15,17,18,21,22,28,29,31
September 23	3.5	35,39,41,42,46,49
	3.6	1,4,5,9,12,13,15,17,18,19,20,21,23,24,31,37
September 30	3.7	selected topics
	4.1	5,6,9,10,11,13,17,25,26,27,28
	4.2	1,6,9,13,23,26,35,36,37,40,45
October 7	4.2	47,48,49,51,53,55,59,63
	4.3	1,2,5,8
October 9	<i>Exam 1</i>	
October 14	4.3	11,12,17,18,19,21,24
	4.4	1,2,5,6,7,9,12,15,17,18,21,34,37,41
	4.6	selected topics
October 17	<i>Last day to change to or from "Pass/No Pass"</i>	
October 20–21	<i>No classes — Fall Break</i>	
October 23	4.6	selected topics
	5.1	1,5,9,13,37
October 28	5.1	16,19,20,26
	5.2	1,2,3,6,7,9,11,12,16,17,21,25,29
	5.3	1,4,5,6,9
November 4	5.3	7,8,11
	7.3	7,8,11,12,19,20,23,25,26,29,32
	6.1	1,2,3,5,9,25,26,35,36,61,62
November 11	6.2	3,5,6,10,11,17,19,22,23,27,29,35,39,45,51,53
	6.3	2,3,9,11,13,14
November 14	<i>Last day to withdraw from one or more courses and receive a "W"</i>	
November 18	6.3	17,18
	6.4	2,3,5,7,8,16,17,19,20,25,29
	6.5	1,3,5,7,11,17,21,23
November 25	6.5	29,31,33,35,37
	6.6	1,2,5,6,13
November 26–28	<i>No classes — Thanksgiving Break</i>	
December 2	6.6	17, 18, 19, 20
	6.7	selected topics
December 4	<i>Exam 2</i>	
December 9	6.7	selected topics
	Catch Up and Review	
December 19	<i>Final Examination: 7:30 a.m.–9:30 a.m.</i>	