Progress plan KJM3000 - Fall 2018

week Wedneday Thursday

34 Gen intro, NMR: NMR: Chemical shift

Physical req

Principles

Theory

35 NMR:Spin coupling NMR:Spin coupling

 Improving spectra

36 NMR:NOE NMR: 2D

 Dynamic NMR

 DEPT NMR

37 K1-NMR: chemical shift K2-NMR: chemical shift

38 K3-NMR structure id K4-NMR: structure id

39 MS: Principles MS: Fragmentation

 Ionization techn Isotopes

40 K5-MS: structure id K6-MS: fragmentation

41 K7-MS: structure id K8-MS: fragmentation

42 UV: Absorbance IR: Tables and charts

 Conjugation

 Empirical rules

 IR: Theory

43 K9-UV: structure id K10-IR: structure id

44 K11 structure id K12 structure id

45 K13 structure id K14 structure id

46 K15 structure id K16 structure id

47 K17 structure id K18 structure id

48 K19 structure id K20 structure id

Last colloquium: K20, Thursday 29th of November.

Exam: December 20th, 4 hours written.