## CHEM30006: Advanced Physical & Theoretical Chemistry



[1]

Atkins, P.W. and De Paula, J. 2002. Atkins' Physical chemistry. Oxford University Press.

[2]

Brouard, M. 1998. Reaction dynamics. Oxford University Press.

[3]

Brouard, M. 1998. Reaction dynamics. Oxford University Press.

[4]

Brouard, M. and Vallance, C. 2010. Tutorials in molecular reaction dynamics. RSC Publishing.

[5]

Dill, K.A. and Bromberg, S. 2011. Molecular driving forces: statistical thermodynamics in biology, chemistry, physics, and nanoscience. Garland Science.

[6]

Flory, P.J. 1953. Principles of polymer chemistry. Cornell University Press.

[7]

Gennes, P.-G. de 1979. Scaling concepts in polymer physics. Cornell University Press.

[8]

Hamley, I.W. 2007. Introduction to soft matter: synthetic and biological self-assembling materials. John Wiley & Sons.

[9]

Hamley, I.W. 2007. Introduction to soft matter: synthetic and biological self-assembling materials. John Wiley & Sons.

[10]

Hollas, J.M. 1998. High resolution spectroscopy. John Wiley.

[11]

Hollas, J.M. 2004. Modern spectroscopy. Wiley.

[12]

Israelachvili, J.N. 1991. Intermolecular and surface forces. Academic Press.

[13]

Keeler, J. and Wothers, P. 2014. Chemical structure and reactivity: an integrated approach. Oxford University Press.

[14]

Levine, R.D. 2005. Molecular reaction dynamics. Cambridge University Press.

[15]

Napper, D.H. 1983. Polymeric stabilization of colloidal dispersions. Academic Press.

[16]

Pilling, M.J. and Seakins, P.W. 1995. Reaction kinetics. Oxford University Press.