

Virtual Learning Environments for Undergraduate Chemistry Module

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Description Use of WebCT to support undergraduate learning teaching and assessment. Includes: companion texts; use of online journals; online summative and formative assessment, chime models, reaction animations, calendar tools, exemplars of good practice from peer groups, companion texts.

Type of activity or material Online learning. Research informing teaching. Teaching-research interface.

Content Synthesis and coordination chemistry of macrocyclic ligands. Supramolecular chemistry. Bioinorganic Chemistry. Coordination chemistry

Skills developed C&IT skills. Using chemistry software. Self-management. Collaborative learning. Reflective practice. Application of concepts and principles to advanced topic. Deep Learning

Intended academic level Research-Teaching interface (final-year undergraduate)

Maximum number of students supported 60 to date (capacity and efficiency for higher numbers)

Duration (student hours, classroom hours) 16 timetabled hours, student effort 70h

Factors which ensure activity is effective Monitoring and evaluation, staged online formative assessment, summative assessment evidence

Materials available, in what form and from where Online - see above

Further comments None

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Date 7th March, 2002

Publisher Unspecified