Are You Thinking About Doing Chemistry In University?

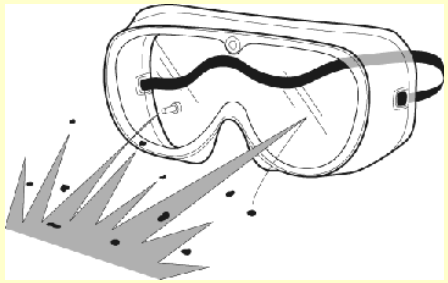
By Tahera Begum

1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	89 Ac	104 Unq	105 Unp	106 Unh	107 Uns	108 Uno	109 Une	110 Unn								

58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr

Manchester metropolitan offer a range of chemistry degrees

- Chemistry as a degree or you can combine it with another subject such as Applicable Mathematics, Biology Business, Economics, Computer Studies Economics, Environmental Studies, European Studies, Information Systems, Languages, Management Systems, Materials Science, Multimedia Technology, Psychology



Entry Requirements In addition to the standard entry requirements for the Combined Honours Scheme , the following special entry requirements apply:

* a pass in A level (6-unit) or AS level (3-unit) chemistry; or
* a BTEC Certificate or Diploma with Level 3 units including chemistry; or

* an equivalent qualification, eg 12-unit VCE Double Award at a suitable level.

Course Content Stage 1
Principles of inorganic, organic and physical chemistry; chemistry laboratory practice.

Stages 2 and 3
Further studies in inorganic, organic and physical chemistry; analytical chemistry; instrumental analysis; chemistry laboratory practice and information technology; plus options from: photochemistry; chemistry of pollution; analytical case studies; chemical speciation; electrochemical and surface studies; frontiers in chemistry (including crown compounds; electrochromism; microbial chemistry; genetic engineering and enzymes; polymer degradation; forensic chemistry and semiconductor processes). Students wishing to bias their studies entirely towards chemistry in their final year may do so and study for the award of BSc (Hons) Chemistry.

Chemistry in University of Manchester

offers you the choice of either a three-year BSc or a four-year MChem degree. The first two years follow a core structure, which allows greater flexibility in the third and fourth years. Core topics include thermodynamics, kinetics, quantum chemistry, organic reaction mechanisms, natural product chemistry, stereochemistry and heterocyclic chemistry, structure and bonding, s, p. d and f block chemistry, interfaces, materials and biological chemistry. You also attend courses covering a range of presentational, computer, and IT skills. Finally, there is time for you to study subsidiary courses from outside departments. Eligibility for continuation on the MChem programme is at our discretion based on your general performance and your second year mark. If you are not eligible you will be transferred to the BSc programme. The final year of the BSc programme is made up of core units, advanced chemistry units and subsidiary units as well as units available in other subjects. Practical work in the third year takes the form of a Laboratory class and, usually, a research project. In the third year of the MChem programme, you study chemistry in greater depth and breadth than the BSc students. In the final year, you carry out an extended project associated with one of the research groups in the School of Chemistry, take advanced chemistry units and other specialist lectures.

Entry requirements are: grades BBC in chemistry and biology, physics or maths

GCSE-Minimum of grade C in English Language and Mathematics.

Careers opportunities with chemistry

Finance, computing, teaching, banking, accounting, IT, law and many more