



BBSI Pre-Masters Courses in Science, Technology, Computers & IT

The BBSI Pre-Masters Courses in Science, Technology, Computers & IT are extremely flexible and are carefully designed to enable international graduates with either a first degree or equivalent, or a higher diploma and relevant work experience, to acquire the advanced study skills necessary for postgraduate entry to a UK university for a Masters course related to science and technology. Participants can also gain worthwhile technical and English qualifications. The course is available in 12, 24 or 36-week study options, depending on individual requirements and a student's current level in English. Successful participants gain qualifications awarded by BBSI. The course syllabus includes extensive preparation for the IELTS[†] Examination and Advanced Study Skills[‡]. Courses are conducted around a busy social and activity programme. The maximum class size is 12, which can be extended to 15 during peak periods.

UK University Placement. While undertaking our pre-Masters course at BBSI and acquiring the qualifications and advanced study skills necessary for postgraduate study at a UK university, students are provided with extensive counselling and guidance in all aspects of study at UK universities, and are also given full assistance with the university application process. All students who successfully complete their course and achieve the required IELTS level for entry are assured of a university place prior to graduation from BBSI.

University Entry Requirements. Students seeking to enter a Masters degree course at a UK university must be a minimum of 20 years of age and have achieved an equivalent of IELTS 6.0 in English. Moreover, applicants must have full records of their High-School education and their diploma or first degree education. Copies of these academic records, as well as evidence of work experience, should be submitted to BBSI at the time of enrolment.

Study Options. There are 3 study options for our Pre-Masters course:

12-Week Certificate Course. For those students with excellent high-school grades, a diploma or first-degree qualification, and a sound Upper-Intermediate to Advanced level in English or above, and who already have a firm offer of a place on a Masters course at a university in the UK, we offer a 12-week study programme that leads to a Certificate award from BBSI.

24-Week Higher-Certificate Course. For those students with excellent High-School grades, a diploma or first-degree qualification, and a sound Intermediate level in English or above, we offer a 24-week study programme that leads to a Higher-Certificate award from BBSI.

36-Week Diploma Course. For those students with a low Intermediate level in English, who require more emphasis initially on developing their academic English and technical English to Upper-Intermediate level prior to the introduction of more advanced specialised training, we offer a longer, 36-week Diploma programme that builds more gradually in intensity and specialisation. This study option leads to a BBSI Diploma, a Certificate award from NCFE and the option of acquiring the ICDL qualification.



Certificate Study Option

Minimum English Entry Level: IELTS 5.5 (*Upper-Intermediate*)

Course Duration: 12 weeks (1 term)

Course Designation: PST 12

Lessons Weekly: 30 (*each of 45 minutes' duration*)

Main Course Entry Dates: September, January, March or June.

Minimum Age: 20 years

Course Structure & Content:

20 weekly lessons in Science, Technology, Computers & IT
10 lessons Advanced Study Skills & IELTS Examination Preparation

Award:

BBSI Certificate in Science, Technology, Computers & IT
(*continuous assessment*)

Optional External Examination*: IELTS [Academic] (*examinations monthly*)

Course Objectives. The course objectives are to:

- * fully prepare students academically for entry to a Masters degree course related to science, technology, computers, IT, or engineering at a university in the UK
- * have completed the university-application process so that students secure a UK university placement on the postgraduate degree course of their choice
- * acquire the necessary study skills for postgraduate study at a university in the UK
- * develop an understanding of current theory and practice in science, technology and engineering
- * acquire a sound, professional understanding and knowledge of science, technology, computers, computer software, IT and engineering concepts
- * develop effective technical English and professional communication skills
- * build appropriate technical vocabulary
- * acquire the necessary communication skills for a career related to science, technology or engineering
- * develop confidence and fluency in the English language beyond Upper-Intermediate Level
- * prepare participants for the IELTS (Academic) examination

Course Elements. In addition to providing students with a thorough and comprehensive grounding in technical English and professional communication skills, the Certificate syllabus incorporates specialised elements selected from the following:



Applied Mathematics

- * statistics
- * scale & ratio
- * algebra & equations

- * number
- * probability theory
- * space & trigonometry

Applied Physics & Engineering

- * materials & stresses
- * light & radio waves
- * engineering

- * force & effect
- * nuclear physics
- * electrics, electromagnetism & electronics

Technology

- * materials & systems
- * security

- * applications
- * human factor/needs/values/aesthetics

General Science

- * research methods
- * writing scientific reports

- * reading & interpreting scientific information
- * problem solving

Computers & IT

- * database systems
- * binary system
- * viruses
- * word processing
- * types of computer
- * Microsoft Office™
- * business modelling
- * SQL
- * computer configuration
- * electronic communications

- * spreadsheets
- * presentation software
- * operating systems
- * object-oriented programming with Java
- * publishing in HTML
- * Website-design theory
- * information & effective communication
- * using a computer effectively & managing files
- * concepts of information & computing technology

Higher-Certificate Study Option

Minimum English Entry Level: IELTS 5.0 (*Intermediate*)

Course Duration: 24 weeks (2 terms)

Course Designation: PST 24

Lessons Weekly: 30 (*each of 45 minutes' duration*)

Main Course Entry Dates: September, January, March or June.

Minimum Age: 20 years



Course Structure & Content:

20 lessons weekly in Science, Technology, Computers & IT
10 lessons weekly in Advanced Study Skills & IELTS Examination Preparation

Award:

BBSI Higher-Certificate in Science, Technology, Computers & IT
(*continuous assessment*)

Optional External Examination*: IELTS [Academic] (*examinations monthly*)

Course Objectives. The course objectives are to:

- * fully prepare students academically for entry to a Masters degree course related to science, technology, computers, IT, or engineering at a university in the UK
- * have completed the university-application process so that students secure a UK university placement on the postgraduate degree course of their choice
- * acquire the necessary study skills for postgraduate study at a university in the UK
- * develop an understanding of current theory and practice in science, technology and engineering
- * acquire a sound, professional understanding and knowledge of science, technology, computers, computer software, IT and engineering concepts
- * develop effective technical English and professional communication skills
- * build appropriate technical vocabulary
- * acquire the necessary communication skills for a career related to science, technology or engineering
- * develop confidence and fluency in the English language beyond Upper-Intermediate Level
- * prepare participants for the IELTS (Academic) examination

Course Elements. In addition to providing students with a thorough and comprehensive grounding in technical English and professional communication skills, the Higher-Certificate syllabus incorporates all the following specialised elements:

Applied Mathematics

- | | |
|----------------------------------|-----------------------------------|
| * <i>statistics</i> | * <i>number</i> |
| * <i>scale & ratio</i> | * <i>probability theory</i> |
| * <i>algebra & equations</i> | * <i>space & trigonometry</i> |

Applied Physics & Engineering

- | | |
|-----------------------------------|--|
| * <i>materials & stresses</i> | * <i>force & effect</i> |
| * <i>light & radio waves</i> | * <i>nuclear physics</i> |
| * <i>engineering</i> | * <i>electrics, electromagnetism & electronics</i> |

Technology

- | | |
|----------------------------------|---|
| * <i>materials & systems</i> | * <i>applications</i> |
| * <i>security</i> | * <i>human factor/needs/values/aesthetics</i> |



General Science

- * *research methods*
- * *writing scientific reports*

- * *reading & interpreting scientific information*
- * *problem solving*

Computers & IT

- * *database systems*
- * *binary system*
- * *viruses*
- * *word processing*
- * *types of computer*
- * *Microsoft Office™*
- * *business modelling*
- * *SQL*
- * *computer configuration*
- * *electronic communications*

- * *spreadsheets*
- * *presentation software*
- * *operating systems*
- * *object-oriented programming with Java*
- * *publishing in HTML*
- * *Website-design theory*
- * *information & effective communication*
- * *using a computer effectively & managing files*
- * *concepts of information & computing technology*

Diploma Study Option

Minimum English Entry Level: IELTS 4.5 (*Intermediate*)

Course Duration: 36 weeks (3 terms)

Course Designation: PST 36

Lessons Weekly: 30 (*each of 45 minutes' duration*)

Main Course Entry Dates: September, January, March or June.

Minimum Age: 20 years

Course Structure & Content:

Term 1

- 10 weekly lessons in Computers, Computing & IT Skills
(*includes the complete ICDL syllabus*)
- 20 weekly lessons in General English

Terms 2 & 3

- 20 lessons weekly in Science, Technology, Computers & IT
- 10 lessons weekly in Advanced Study Skills & IELTS Examination Preparation



Awards:

BBSI Higher-Certificate in Science, Technology, Computers & IT

(continuous assessment)

NCFE Certificate in Science, Technology, Computers & IT

(continuous assessment)

Optional External Examinations* :

International Computer Driving License®

IELTS [Academic] *(examinations monthly)*

Course Objectives. The course objectives are to:

- * fully prepare students academically for entry to a Masters degree course related to science, technology, computers, IT, or engineering at a university in the UK
- * have completed the university-application process so that students secure a UK university placement on the postgraduate degree course of their choice
- * acquire the necessary study skills for postgraduate study at a university in the UK
- * develop an understanding of current theory and practice in science, technology and engineering
- * acquire a sound, professional understanding and knowledge of science, technology, computers, computer software, IT and engineering concepts
- * develop effective technical English and professional communication skills
- * build appropriate technical vocabulary
- * acquire the necessary communication skills for a career related to science, technology or engineering
- * develop confidence and fluency in the English language beyond Upper-Intermediate Level
- * prepare participants for the IELTS (Academic) examination
- * prepare participants for the International Computer Driving License® award *(optional)*

Course Elements. In addition to providing students with a thorough and comprehensive grounding in technical English and professional communication skills, the Diploma syllabus incorporates all the following topics:

Applied Mathematics

- | | |
|----------------------------------|-----------------------------------|
| * <i>statistics</i> | * <i>number</i> |
| * <i>scale & ratio</i> | * <i>probability theory</i> |
| * <i>algebra & equations</i> | * <i>space & trigonometry</i> |

Applied Physics & Engineering

- | | |
|-----------------------------------|--|
| * <i>materials & stresses</i> | * <i>force & effect</i> |
| * <i>light & radio waves</i> | * <i>nuclear physics</i> |
| * <i>engineering</i> | * <i>electrics, electromagnetism & electronics</i> |

Technology

- | | |
|----------------------------------|---|
| * <i>materials & systems</i> | * <i>applications</i> |
| * <i>security</i> | * <i>human factor/needs/values/aesthetics</i> |



General Science

- * *research methods*
- * *writing scientific reports*

- * *reading & interpreting scientific information*
- * *problem solving*

Computers & IT

- * *database systems*
- * *binary system*
- * *viruses*
- * *word processing*
- * *types of computer*
- * *Microsoft Office™*
- * *business modelling*
- * *SQL*
- * *computer configuration*
- * *electronic communications*

- * *spreadsheets*
- * *presentation software*
- * *operating systems*
- * *object-oriented programming with Java*
- * *publishing in HTML*
- * *Website-design theory*
- * *information & effective communication*
- * *using a computer effectively & managing files*
- * *concepts of information & computing technology*

A week-by week syllabus of the entire 36-week Pre-Masters syllabus in Science, Technology, Computers & IT is included below. The course content for those wishing to study the 12-week, Certificate study option would depend upon the precise time of year that students elect to study. For example, those seeking to commence the 12-week Certificate option in January or July would follow the syllabus outlined in weeks 13-24, whilst those commencing the same course in March or September would study weeks 25-36. The course content for those wishing to study the 24-week, Higher-Certificate study option and seeking to commence their course in January or June would follow the syllabus outlined in weeks 13-36.

Certificate, Higher-Certificate, Diploma and University Foundation versions of the above course are also available.

† International Computer Driving License®

The International Computer Driving License® (ICDL) is an internationally-recognised qualification that verifies practical competence in computer skills in either a professional or personal capacity and is the fastest growing international IT user-qualification. It is designed specifically for those who wish to gain a benchmark qualification in computing to enable them to develop their IT skills and enhance their career prospects. No prior knowledge of IT or computer skills is needed. The ICDL raises an individual's level of competency in IT & computing skills; improves personal productivity, both at home & at work; requires no prior knowledge of IT or computer skills; and provides individual's with an internationally-recognised qualification.



‡ IELTS

IELTS is the International English Language Testing System. It measures ability to communicate in English across all 4 language skills – listening, reading, writing and speaking – for people who intend to study or work where English is the language of communication.

IELTS is the preferred English language assessment for universities in English-speaking countries worldwide. Examinations take place monthly in Bournemouth and a place can be secured at the time of booking your course with BBSI. Candidates must book for the examination at least 6 weeks before each examination sitting.

+ Advanced Study Skills

- plagiarism
- research skills
- Internet-based study
- bibliography & referencing
- extended writing assignment
- critical thinking & independent thought
- compilation & statistical analysis
- independent learning
- presentations
- seminar skills

** Examination fees for those seeking to undertake external examinations are not included in the BBSI course fees.*

The following Pre-Masters courses are also available at BBSI:

Management & Business Administration
Marketing, Advertising & Public Relations
Finance & Financial Services
Hospitality Management & Tourism
Legal Studies, International & Commercial Law

BBSI courses are carefully designed and structured at different language levels to enable international students to develop all 4 English language skills simultaneously, while developing their professional communication skills and professional knowledge in academic, vocational or professional context, in the specialised subject of their choice. Students therefore have the flexibility to focus on either academic or vocational progression, depending on their personal training needs and particular learning objectives.

Courses can be booked on-Line @ www.bbsi.co.uk

Alternatively, contact BBSI by e-mail at info@bbsi.co.uk



BBSI Pre-Masters Courses in Science, Technology, Computers & IT



Typical Weekly Syllabus

	Computing and Information Technology <i>(10 lessons)</i>	English Language Content <i>(20 lessons)</i>
Week 1 (First week of Term)	<i>Using Computers - managing files; adjusting setting; manipulating files; computer security; the world wide web; email</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 2	<i>Word Processing - formatting</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 3	<i>Word Processing - mail merge</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 4	<i>Presentation - working with charts; slideshows & transitions</i>	<i>grammar, vocabulary reading, listening & speaking</i>



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BBSI Pre-Masters Courses in Science, Technology, Computers & IT



Typical Weekly Syllabus

	Computing and Information Technology <i>(10 lessons)</i>	English Language Content <i>(20 lessons)</i>
Week 5	<i>Spreadsheets - elements & principles; editing; formatting</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 6	<i>Spreadsheets - multiple sheets; charts</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 7	<i>Spreadsheets - review Database - tables</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 8	<i>Databases - editing; queries</i>	<i>grammar, vocabulary reading, listening & speaking</i>



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Typical Weekly Syllabus

	Computing and Information Technology <i>(10 lessons)</i>	English Language Content <i>(20 lessons)</i>
Week 9	<i>Databases - reports; forms</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 10	<i>Concepts - hardware & software</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 11	<i>Concepts – networks and the internet; computers in everyday life; safety & security</i>	<i>grammar, vocabulary reading, listening & speaking</i>
Week 12	<i>Course review</i>	<i>grammar, vocabulary reading, listening & speaking</i>

**Please note that presentation subject order may vary in weeks 7 to 12*



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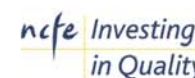


BBSI Pre-Masters Courses in Science, Technology, Computers & IT



Typical Weekly Syllabus

	Science <i>(10 lessons)</i>	Computing and Information Technology <i>(10 lessons)</i>	Advanced Study Skills & IELTS Examination Preparation <i>Typical 12 week programme (10 lessons)</i>
Week 13 <i>(First week of Second Term)</i>	<i>general introduction</i> Chemistry – introduction to Science, Technology, Computers & IT Physics – atomic structure/bonding Mathematics – laws of motion General Science – equations of motion Skills – the water cycle; DVD comprehension; issue assignment one	Computing Theory - the user; language focus Database - RDMS introduction Mathematics - introduction & binary addition	<i>learning styles</i> <i>listening skills – multiple choice</i> <i>note completion</i>
Week 14	Chemistry – the periodic table Physics – electricity & current Mathematics – fractions & percentages General Science – Apollo 13 Skills – ‘We’ve come a long way’ reading & writing practice	Computing Theory - computer architecture; language focus Database - E/R diagrams Mathematics - binary subtraction	<i>IELTS reading test – headings</i> <i>language awareness – compound nouns, modality</i> <i>IELTS speaking – Part 1</i>
Week 15	Chemistry – states of matter Physics – static electricity Mathematics – approximation General Science – solar system Skills – black holes; white holes & wormholes; listening & taking notes; issue assignment two	Computing Theory - computer applications; language focus Database - normalisation Mathematics - binary multiplication	<i>critical thinking</i> <i>reading skills – reading quickly</i> <i>becoming a critical reader</i>
Week 16	Chemistry – types of reactions Physics – types of energy Mathematics – angles, bearings & maps General Science – structure of the earth Skills – microbes & pathogens	Computing Theory - peripherals; language focus Database - intro to MySQL Mathematics - binary division	<i>reading skills – applying headings</i> <i>speaking – Part 2</i> <i>perfect tenses, intensifying adverbs</i>



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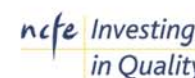


BBSI Pre-Masters Courses in Science, Technology, Computers & IT



Typical Weekly Syllabus

	Science (10 lessons)	Computing and Information Technology (10 lessons)	Advanced Study Skills & IELTS Examination Preparation Typical 12 week programme (10 lessons)
Week 17	<p><i>Chemistry</i> – rates of reactions <i>Physics</i> – work & power <i>Mathematics</i> – satellites & GPS <i>General Science</i> – volcanoes & rocks <i>Skills</i> – mico-organisms in production & industry</p>	<p><i>Computing Theory</i> - interview/ex-student; language focus <i>Database</i> - SQL <i>Mathematics</i> - hexadecimal arithmetic</p>	<p><i>IELTS listening skills</i> – note completion, multiple choice, matching <i>reading skills</i> – global multiple choice yes/ no/ not given</p>
Week 18	<p><i>Chemistry</i> – isotopes & radioactivity <i>Physics</i> – waves <i>Mathematics</i> – the sound barrier & the speed of light <i>General Science</i> – structure of the ear & sound <i>Skills</i> – Marie Curie internet project; issue assignment three</p>	<p><i>Computing Theory</i> - operating systems; language focus <i>Database</i> - SQL <i>Assembly language</i> - intro</p>	<p><i>IELTS speaking</i> – Part 3 language awareness – word building, cleft sentences <i>IELTS reading skills</i> – identifying themes, skimming</p>
Week 19	<p><i>Chemistry</i> – the carbon/nitrogen cycle <i>Physics</i> – electromagnetic waves <i>Mathematics</i> – sequences <i>General Science</i> – sunshine; DVD comprehension <i>Skills</i> – sunshine DVD comprehension; issue assignment four</p>	<p><i>Computing Theory</i> – graphic user interfaces; language focus <i>Database</i> - SQL <i>Assembly language</i> - practice</p>	<p><i>academic writing skills</i> – planning an essay <i>proof-reading skills</i> – identifying errors in grammar, vocabulary, punctuation, spelling <i>techniques for avoiding errors</i></p>
Week 20	<p><i>Chemistry</i> – acids, bases & salts <i>Physics</i> – electromagnetism, motors & generators <i>Mathematics</i> – the metric vs. imperial system <i>General Science</i> – carbon emissions & renewable energy <i>Skills</i> – carbon emissions & renewable energy cont; DVD comprehension Planet Earth</p>	<p><i>Computing Theory</i> - application programs; language focus <i>Database</i> - SQL</p>	<p><i>reading skills</i> – locating information <i>IELTS speaking</i> – Part 3 <i>listening skills</i> – summary completion</p>



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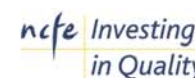


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Typical Weekly Syllabus

	Science <i>(10 lessons)</i>	Computing and Information Technology <i>(10 lessons)</i>	Advanced Study Skills & IELTS Examination Preparation <i>Typical 12 week programme</i> <i>(10 lessons)</i>
Week 21	<p>Chemistry – metals & REDOX reactions Physics – magnetism Mathematics – data General Science – inventions Skills – presentation assignment three issue assignment five</p>	<p>Computing Theory - multimedia; language focus Database - SQL</p>	<p>academic writing – commenting on graphs language awareness – grammatical terms, adverbial clauses</p>
Week 22	<p>Chemistry – industrial chemistry Physics – mechanics & materials Mathematics – temperature scales; celsius, fahrenheit & kelvin General Science – severe weather & weathering Skills -prediction</p>	<p>Computing Theory - interview/computing; support officer; computing support; language focus</p>	<p>self-assessment academic reading skills differentiating register & style</p>
Week 23	<p>Chemistry – esters, flavours & tastes Physics – progress test part one Mathematics – progress test part two General Science – evolution of design Skills – evolution of design continued</p>	<p>Computing Theory - software engineering; people in computing; language focus</p>	<p>listening skills – sentence completion, note completion IELTS speaking – Part 2 IELTS reading skills – sentence completion</p>
Week 24	<p>Chemistry – metals; extraction & uses Physics – graphs of functions Mathematics – evolution; animals General Science – Darwin's theory Skills – argument; debating a point pros & cons</p>	<p>Revision - the future of IT</p>	<p>language awareness – comparatives, collocations, passive forms IELTS speaking – Parts 1,2,3 complete IELTS practice test</p>



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Typical Weekly Syllabus

	Science (10 lessons)	Computing and Information Technology (10 lessons)	Advanced Study Skills & IELTS Examination Preparation Typical 12 week programme (10 lessons)
Week 25 (First week of Third Term)	<i>general introduction</i> Chemistry – allotropy Physics – electric currents & combining resistors Mathematics – massive numbers General Science - weather	Networks – WANs/LANs & wireless networks; language focus HTML – introduction & formatting	<i>learning styles</i> <i>listening skills – multiple choice</i> <i>note completion</i>
Week 26	Chemistry – industrial chemistry Physics – plate tectonics Mathematics – direct & inverse proportion General Science – natural disasters Skills – writing a discursive essay	Networks – signal transmission; OSI model; language focus HTML – lists & tables	<i>IELTS reading test – headings</i> <i>language awareness – compound nouns, modality</i> <i>IELTS speaking – Part 1</i>
Week 27	Chemistry – batteries & power sources Physics – electronic control Mathematics – inverse square laws General Science – recycling Skills - critical argument; attacking & defending a position	Networks – TCP/IP, language focus HTML – links and anchors; forms	<i>critical thinking</i> <i>reading skills – reading quickly</i> <i>becoming a critical reader</i>
Week 28	Chemistry – electricity & electrolysis Physics – light Mathematics – geometry: angles & regular figures General Science – time travel & parallel universes Skills – reading & comprehension	Networks – ISPs; browsers; language focus HTML – CSS; XHTML & validation	<i>reading skills – applying headings</i> <i>speaking – Part 2</i> <i>perfect tenses, intensifying adverbs</i>



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Typical Weekly Syllabus

	Science <i>(10 lessons)</i>	Computing and Information Technology <i>(10 lessons)</i>	Advanced Study Skills & IELTS Examination Preparation <i>Typical 12 week programme (10 lessons)</i>
Week 29	Chemistry – quantitative electrolysis & the uses of electrolysis Physics – lenses & the eye Mathematics – three dimensional figures General Science – perspective & optical illusion Skills - debating a topic	Networks – URLs; streaming; language focus HTML - JavaScript	<i>IELTS listening skills – note completion, multiple choice, matching</i> <i>reading skills – global multiple choice yes/ no/ not given</i>
Week 30	Chemistry – catalysts & their uses Physics – colour spectrum & colour blindness Mathematics – circles General Science – Murphy’s law Skills – analysing charts	Networks – search engines; email protocols; language focus HTML – JavaScript	<i>IELTS speaking – Part 3</i> <i>language awareness – word building, cleft sentences</i> <i>IELTS reading skills – identifying themes, skimming</i>
Week 31	Chemistry – free radicals; the ozone layer; UV radiation Physics – pressure Mathematics – analysing graphs over time General Science – medical technology Skills - comparing & contrasting	Networks – website evaluations; language focus Java – introduction; performing operations	<i>academic writing skills – planning an essay</i> <i>proof-reading skills – identifying errors in grammar, vocabulary, punctuation, spelling</i> <i>techniques for avoiding errors</i>
Week 32	<i>revision & progress test</i>	Networks – XML; language focus Java – making statements; directing values	<i>reading skills – locating information</i> <i>IELTS speaking – Part 3</i> <i>listening skills – summary completion</i>



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Typical Weekly Syllabus

	Science <i>(10 lessons)</i>	Computing and Information Technology <i>(10 lessons)</i>	Advanced Study Skills & IELTS Examination Preparation <i>Typical 12 week programme (10 lessons)</i>
Week 33	<p><i>Chemistry – products from oil, hydrocarbons & polymers</i></p> <p><i>Physics – resonance</i></p> <p><i>Mathematics – arcs, circles & pi</i></p> <p><i>General Science – internet project</i></p> <p><i>Skills – analysing data</i></p>	<p><i>Networks – data security I; language focus</i></p> <p><i>Java – manipulating data; creating classes</i></p>	<p><i>academic writing – commenting on graphs</i></p> <p><i>language awareness – grammatical terms, adverbial clauses</i></p>
Week 34	<p><i>Chemistry – tests for ions & gases</i></p> <p><i>Physics – moments & equilibrium</i></p> <p><i>Mathematics – Pythagoras & other theorems</i></p> <p><i>General Science – types of memory</i></p> <p><i>Skills – describing graphs</i></p>	<p><i>Networks – data security II; language focus</i></p> <p><i>Java – importing functions; building interfaces</i></p>	<p><i>self-assessment</i></p> <p><i>academic reading skills</i></p> <p><i>differentiating register & style</i></p>
Week 35	<p><i>Chemistry – a history</i></p> <p><i>Physics – gravity</i></p> <p><i>Mathematics – trigonometry</i></p> <p><i>General Science – ships & submarines</i></p> <p><i>Skills – problem solving</i></p>	<p><i>Networks – data security III; language focus</i></p> <p><i>Java – recognizing events</i></p>	<p><i>listening skills – sentence completion, note completion</i></p> <p><i>IELTS speaking – Part 2</i></p> <p><i>IELTS reading skills – sentence completion</i></p>
Week 36	<p><i>Chemistry – solutions & suspensions</i></p> <p><i>Physics – gravity (continued)</i></p> <p><i>Mathematics – trigonometry</i></p> <p><i>General Science – principles of flight</i></p> <p><i>Skills – assimilating & summarizing information</i></p>	<p><i>Revision</i></p>	<p><i>language awareness – comparatives, collocations, passive forms</i></p> <p><i>IELTS speaking – Parts 1,2,3</i></p> <p><i>complete IELTS practice test</i></p>



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