

**BClinSci/BSc Medical Sciences Student Guide to Transferable Skills**

This degree will provide you with strong scientific knowledge and transferable skills, through experience of working in laboratory settings, small group learning and reflection on your personal and professional development. You will be proficient in numerous skills that employers are looking for when seeking to recruit, no matter what your chosen career. Here is a handy guide to the different employer-friendly skills we aim to encourage and nurture in the various modules of the degree, to give you a head start in some of those tricky job application or interview questions.

**As a result of studying the Expanding Horizons modules, you will be able to:**

* Ask relevant scientific questions
* Demonstrate leadership and project management skills
* Work effectively as part of a team to achieve a common aim
* Demonstrate time management skills
* Identify reliable sources of information and use these to retrieve appropriate and relevant material
* Summarise information succinctly
* Evaluate and present scientific evidence through writing scientific reviews and dissertations
* Evaluate and present scientific evidence through giving oral presentations
* Design effective visual prompts to aid verbal communication
* Independently formulate and test a research hypothesis
* Design and carry out experiments with appropriate controls
* Solve problems through creative thinking and/or methodical analysis
* Carry out appropriate statistical tests and interpret data
* Create attractive and useful graphs, tables and figures to illustrate written communication
* Communicate effectively with a lay audience
* Communicate effectively with a scientific audience
* Critically analyse your own performance, identify strengths and weaknesses, and devise realistic targets for improvement
* Appreciate different viewpoints and perspectives
* Respond positively to feedback and identify mechanisms for change

**As a result of studying the Integrated Clinical Science modules, you will be able to:**

* Ask relevant and meaningful scientific questions
* Work effectively as part of a team to achieve a common aim
* Demonstrate leadership and project management skills
* Demonstrate time management skills
* Identify reliable sources of information and use these to retrieve appropriate and relevant material
* Extract key scientific principles from complex literature
* Summarise information succinctly
* Design effective visual prompts to aid verbal communication
* Communicate effectively with a scientific audience
* Apply scientific principles to novel situations or problems
* Provide constructive feedback and identify mechanisms for change

**As a result of studying the Principles of Good Clinical Practice and Research module, you will be able to:**

* Demonstrate familiarity with the principles underpinning clinical research practice and the translation of scientific findings into patient benefit
* Demonstrate familiarity with the principles underpinning clinical governance and ethical considerations pertaining to scientific research
* Demonstrate familiarity with the role of the National Institute for Health Research (NIHR)
* Demonstrate leadership and project management skills
* Demonstrate time management skills
* Independently formulate and test a research hypothesis
* Work effectively as part of a team to achieve a common aim
* Carry out appropriate statistical tests and interpret data
* Create attractive and useful graphs, tables and figures to illustrate written communication
* Communicate effectively with a lay audience
* Communicate effectively with a scientific audience

**As a result of completing a Professional Training year, you will be able to:**

* Demonstrate experience of operating within a professional working environment, working to strict standards of conduct and scientific rigour
* Display independence of thought and self-reliance
* Display improved confidence in your own ability
* Test a research hypothesis
* Solve problems through creative thinking and/or methodical analysis
* Work effectively as part of a team to achieve a common aim
* Design and carry out experiments with appropriate controls
* Carry out appropriate statistical tests and interpret data
* Create attractive and useful graphs, tables and figures to illustrate written communication
* Evaluate and present scientific evidence through writing scientific reviews and dissertations
* Evaluate and present scientific evidence through giving oral presentations
* Design effective visual prompts to aid verbal communication
* Demonstrate leadership and project management skills
* Demonstrate time management skills
* Communicate effectively with a lay audience
* Communicate effectively with a scientific audience
* Carry out research using a variety of practical skills
* Demonstrate advanced subject knowledge relevant to the project undertaken