Development Needs Analysis – SkillsForge

Research Skills

Skill	Hover text
Argument construction	Drafting & formulating your hypothesis and the skills to defend it
Career development	Examine the many options available to you during & after your PG research.
Communication	How to express your research to your supervisor, colleagues, peers, Research Councils and publishers.
Communication to non-experts	How to express your research to non-specialists including industrial partners and multidisciplinary projects.
Critical thinking	Reflect upon your critical thinking & learn techniques to improve your interaction with literature on your topic area.
Decision making	Learn or improve your techniques to improve your skills to make decisions effectively and confidently.
Digital identity	Your social media presence is increasingly important as a researcher and provides many opportunities.
Digital literacy	The software packages to support your research.
Enterprise	Do you have a commercial idea for your research? Organising an event?
Entrepreneurship	Want to run your own business?
Ethics and integrity	Ethics incorporates all research disciplines and researchers are expected to consider the ethical implications of their research, and their integrity undertaking it.
Equality and diversity	Opportunities to explore difference in cultures and personalities. This will improve your working relationships.
Evaluating	Reflection and goal setting
Global citizenship	Skills to help you become more globally aware and employable
Influencing Skills	Discover your style and strengths – for working with your peers, your research team or group.
Income generation	From income management to applications for fellowship
Information management	Keeping your research and thoughts organised.
Information seeking	How to utilise the best search tools

Innovation	Exploring new ideas, new methods, new opportunities whether in academia or industry
Languages	Helps enable you to communicate more effectively with others and give you a competitive advantage in your career development.
Leadership	We will all be required to lead a group or term sometime in our career so now is the time to examine styles and techniques.
Networking	Successful networking can lead to opportunities which you might not otherwise find out about so improve your confidence and skills
Perseverance	How do you manage your research and life when things are not going to plan?
Policy	Placing your research in the current political and social climate.
Practical research skills	From project management to software training
Presentation skills	Learn the key skills and techniques to give a great presentation – whether for your upgrade, conference, viva, or talk.
Professional conduct	Your career as a professional researcher – the how's, whys and future prospects
Project planning	The complete how to series- from getting started to project management to making progress.
Public engagement	Research is a great opportunity to be able to reach a wide audience with your research
Publishing and dissemination	From poster design to developing a publication strategy
Self-confidence	Build your confidence in your research practise, your team work, your communications and in yourself.
Self-reflection	Identify your key work, research and personal strengths and weaknesses.
Team working	People have different working practise – how do you manage them and yourself?
Time management	How to ensure your complete your research in a timely manner
Working with others	Different cultures, research practises, working styles- how to work with different people and groups.
Teaching	Teaching is a core skill to develop your academic career options.
Writing	As a researcher you need to communicate your research findings accurately and concisely to different audiences.