Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	Literacy, Communication, Language Skills	Express information effectively to technical and non-technical audiences	Proficient	After conducting the assessments, including tasks like literature review, research proposal presentation, and collaborative discussions, I successfully conveyed my points to both technical and non-technical audiences with clarity.
		Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Proficient	Through completing assessments, notably the statistical workbook and research proposal presentation, I honed my skills in utilizing Excel and PowerPoint to effectively transform data into visual representations (eg bar charts, slides, etc). This enabled me to enhance comprehension for both technical and non-technical audiences.
	Commercial Awareness	Keep current with tools of the industry, as well as emerging technology	Proficient	The statistical workbook assessment taught me various techniques for analyzing and presenting both qualitative and quantitative data, aligning with contemporary data collection methods.
		Seek opportunites to improve and share knowledge of tools and technology that may improve productivity	Proficient	I learned about the new technologies that can mitigate risks and vulnerabilities when doing the assessments.
		Emphasise quality, customer satisfaction and fair application of policies.	Trained	I became aware of its significance thanks to my studies in professional ethics.
		Demonstrate familiriaty with codes of conduct for the Computing field.	Proficient	During the course fo the moodule, especially when doing Collaboration Discussion 1, it emphasized the significance of adhering to ethics and professionalism in the computing field, the understanding of ethical codes of conduct and their potential repercussions when not followed. I got to apply this knowledge during my assesments and will also do in the future projects.
	Subject understanding, research, critical thinking, time management	Critically analyse complex ideas in concepts in the field of Computer Science	Proficient	I had the opportunity to critically examine and learn a lot about computing during the module.
		Recognise inconsistencies and gaps in information, and search for additional information when needed…	Proficient	Applied it when doing research for my assessments.
		Explore complex real-world problems in a Computing context	Proficient	Exploring and learning a lot about computing during the module.
Legal and Ethical	Ethical Awareness	Comply with the letter and spirit of applicable laws	Proficient	Applied ethic laws when doing my assessments.
		Maintain privacy and confidentiality of company, co-worker and customer information	Proficient	Applied data privacy when doing my assessments whereby I avoided using images and names from individuals without their consent, etc.
Social (Inc. Teamwork)	Cultural Awareness	Act in the best interest of the community at large - Social (Community) Responsibility	Proficient	Offering solutions and undertaking projects that prioritize ethical considerations for all parties involved, as well as for the broader society, such as refraining from using unauthorized images.
	Teamwork, Leadership and Resilience, Time Management	Collaborate effectively in diverse teams to achieve team goals	Proficient	Based on the groupwork evaluations done through out the module(s).
		Meeting team objectives using teamwork skills	Proficient	Based on the groupwork evaluations done through out the module(s).
		Demonstrate skills in leadership and team building	Proficient	Based on the groupwork evaluations done through out the module(s).
		Give and receive constructive feedback	Proficient	When i peer reviewed and responded to the posts my peers made on the discussions. As well as when I received reviews for my assessments and posts from my peers and tutors.
		Able to make a decision on a complex matter/scenario using multiple sources of information	Proficient	I was able to organise my tasks and make judgements throughout my assessments.
Technical (Data a Science)	IT and Digital, Numeracy	*Technical skills relevant to your degree programme:*		
		Research Writing	Trained	I successfully employed the skills acquired during the module to complete my assessments. This included understanding the research process, crafting research papers, upholding ethical considerations, accurately citing and referencing sources, adeptly searching for reliable information, comprehending various data types and collection methods, as well as performing data analysis.
		Data Analysing and Representation	Trained	Through involvement in the statistical workbook assessment, my proficiency in Excel notably improved. Nevertheless, I acknowledge the ongoing requirement to invest effort into achieving an advanced level of expertise, particularly in terms of enhancing data analysis clarity and effectively presenting visual representations that engage my audience in future endeavors.
		Use of Powerpoint	Proficient	Participating in the creation of my research proposal presentation significantly enhanced my PowerPoint skills. Nonetheless, I'm aware of the ongoing necessity to further refine my abilities in crafting interactive presentations, enabling me to captivate my audience effectively in the times ahead.
		Python	Trained	Engaging in the development of my e-portfolio notably elevated my Python language programming skills. However, I recognize the need for continued effort to attain a higher level of expertise.
		Scripting Language (Python)	Trained	Engaging in the development of my e-portfolio notably elevated my Python language programming skills. However, I recognize the need for continued effort to attain a higher level of expertise.
		HTML	Proficient	Participating in the creation of my e-portfolio significantly advanced my HTML programming skills. Yet, I am aware of the ongoing necessity to persist in my efforts in order to achieve a more advanced level of expertise.
		Gits - repository development and maintenance	Trained	Engaging in the development of my e-portfolio notably elevated my Git skills. Nonetheless, I recognize the need to continue my dedication to further enhance my expertise to a more advanced level.
		Use of conferenceing technologies and Moodle (VLE)	Proficient	Participating in seminars with the lecturer and engaging in meetings with peers substantially enhanced my proficiency in utilizing conferencing technologies such as Zoom and Teams. This newfound skill will prove valuable in my future endeavors.
		Use of Word Processing tools and Spreadsheets	Proficient	My competence in utilizing Word Processing tools and spreadsheets notably advanced as a result of the assessments that predominantly required their application. While I acknowledge the need for further enhancing my expertise in spreadsheet utilization through learning additional tips and tricks.
		Effective use of e-library resources	Proficient	Did all of my research using google scholar and online libraries like IEEE, etc. Although some articles, journals, etc, needed one to be registered for accessibility.
Subject Application	Global Citizen, Teamwork, Leadership, Emotional Intelligence	Take into account other people's perspectives	Proficient	The collaborative discussions conducted throughout the module allowed me to consider my peers' reviews on the topics discussed. This significantly broadened my perspective and enabled me to perceive things from different angles.
		Work constructively with differences in viewpoints	Proficient	Engaging in collaborative discussions and group work fostered an open-minded approach, enabling me to understand my peers' perspectives and collaboratively devise solutions.
		Actively participate in a range of community activities as an informed citizen	Trained	During my research, I encountered articles that offered insights into individuals' experiences and perspectives on the subject matter.
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness	Develop, articulate and clarify your personal values and ethics	Expert	By valuing and respecting others' viewpoints, I maintain a respectful demeanor during intellectual debates or disagreements.

This is by no means a comprehensive list of Professional skills required for your programme. It is meant to be used as a guide for your SWOT analysis/action plan as part of your Professional Development Plan (PDP).
As you progress through the course, you will discover other skills you need to develop or currently have. These can be described in further detail in your SWOT analysis/action plan.
As this is required in various modules, you may end up with different versions of this Matrix. You can collate them in your Learning Loop as part of your final PDP at the end of your programme.

Adapted from BCS guidelines and Essex graduate