

Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	Literacy, Communication, Language Skills	Express information effectively to technical and non-technical audiences Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Expert Expert	Evidenced by the positive feedback from the tutors in module assignments. Tutors consistently rate well the reports I have presented to date.
		Keep current with tools of the industry, as well as emerging technology Seek opportunities to improve and share knowledge of tools and technology that may improve productivity Participate in scientific and professional organisations Emphasise quality, customer satisfaction and fair application of policies. Demonstrate familiarity with codes of conduct for the Computing field.	Proficient Proficient Aware Proficient Trained	I am required to know the latest tools in my line of work. Daily stand-ups require feedback of issues and progress. I enjoy sharing knowledge that aids in a team's growth Evidenced by module assignments and quality of e-portfolio output. I possess an understanding of the BCS Code of Conduct.
	Subject understanding, research, critical thinking, time management	Critically analyse complex ideas in concepts in the field of Computer Science Recognise inconsistencies and gaps in information, and search for additional information when needed...	Proficient Proficient	Working in the IT field for twenty years, must leave a positive mark of experience and complex topics I worked as a software architect which requires a deep attention to detail. This often leads to identifying gaps and providing necessary solutions.
		Explore complex real-world problems in a Computing context	Proficient	
Legal and Ethical	Ethical Awareness	Comply with the letter and spirit of applicable laws Maintain privacy and confidentiality of company, co-worker and customer information	Proficient Proficient	I obey all laws required of me by my employers. Issues such as spam and phishing are high on my awareness for prevention. Maintaining secure access rights is something I advocate based on the "Least Privilege Required" principle.
Social (inc. Teamwork)	Cultural Awareness	Act in the best interest of the community at large - Social (Community) Responsibility	Trained	This often does not have impact on my deliverables at work.
	Teamwork, Leadership and Resilience, Time Management	Collaborate effectively in diverse teams to achieve team goals Meeting team objectives using teamwork skills Demonstrate skills in leadership and team building Give and receive constructive feedback	Proficient Proficient Proficient Proficient	I have garnered experience through the years of how to effectively communicate ideas to a broad spectrum of users, especially the team members I collaborate with. Work experience. Work experience. I have learned through the years how to best approach topics without causing negative feedback. It is inter-personal skills, and not easy to acquire.
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision Making	Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment) Able to make a decision on a complex matter/scenario using multiple sources of information	Aware Proficient	Not relevant in my line of work. Work experience.
Technical (Data Science)	IT and Digital, Numeracy	Technical skills relevant to your degree programme: SQL for database querying Python Programming Java Python noSQL Scripting Language (Python) Statistical Language (R) Gits - repository development and maintenance Use of conferencing technologies and Moodle (VLE) Use of Word Processing tools and Spreadsheets Effective use of e-library resources	Expert Trained Proficient Trained Proficient Trained Aware Proficient Trained Expert Proficient	
Subject Application	Global Citizen, Teamwork, Leadership, Emotional Intelligence	Take into account other people's perspectives Work constructively with differences in viewpoints Actively participate in a range of community activities as an informed citizen	Proficient Proficient Aware	Work experience has allowed me to realise that many colleagues know more than I do about any topic. Wisdom therefore is being able to listen and absorb their experience and guidance without fighting back. Work experience and delivery of projects on different teams.
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness	Develop, articulate and clarify your personal values and ethics	Proficient	People often ask for one's opinion; freely ask, freely receive.

Skill Level Key

Aware	General understanding and basic knowledge
Trained	Able to apply knowledge, able to work independently under certain conditions
Proficient	Broad and in-depth knowledge, able to work independently with very little supervision
Expert	Seen as a subject matter expert, able to lead and train others.

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