Competency	Essex Graduate
Professional	Literacy, Communication, Language Skills
	Commercial Awareness
	Subject understanding, research, critical thinking, time management
Legal and Ethical	Ethical Awareness
Social (inc. Teamwork)	Cultural Awareness
	Teamwork, Leadership and Resilience, Time Management
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision Making

Technical (Data Science)	IT and Digital, Numeracy
Subject Application	**Global Citizen, Teamwork, Leadership, Emotional**
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness

This is by no means a comprehensive list
As you progress through the course, you will
As this is required in various modules, you ma

Adapted from BCS guidelines and Essex grad

Skill	Skill Level
Express information effectively to technical and non-technical audiences	Proficient
Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Trained
Keep current with tools of the industry, as well as emerging technology	Proficient
Seek opportunites to improve and share knowledge of tools and technolology that may improve productivity	Proficient
Participate in scientific and professional organisations	Trained
Emphasise quality, customer satisfaction and fair application of policies.	Aware
Demonstrate familiriaty with codes of conduct for the Computing field.	Aware
Critically analyse complex ideas in concepts in the field of Computer Science	Trained
Recognise inconsistencies and gaps in information, and search for additional information when needed…	Proficient
Explore complex real-world problems in a Computing context	Trained
Comply with the letter and spirit of applicable laws	Proficient
Maintain privacy and confidentiality of company, co-worker and customer information	Proficient
Act in the best interest of the community at large - Social (Community) Responsibility	Trained
Collaborate effectively in diverse teams to achieve team goals	Trained
Meeting team objectives using teamwork skills	Trained
Demonstrate skills in leadership and team building	Trained
Give and receive constructive feedback	Trained
Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment)	Aware
Able to make a decision on a complex matter/scenario using multiple sources of information	Proficient
Technical skills relevant to your degree programme:	

SQL for database querying	Proficient
Python Programming	Trained
Java	Aware
Python	Trained
noSQL	Aware
Scripting Language (Python)	Trained
Statistical Language (R)	Aware
Gits - repository development and maintenance	Trained
Use of conferenceing technologies and Moodle (VLE)	Proficient
Use of Word Processing tools and Spreadsheets	Proficient
Effective use of e-library resources	Trained
Take into account other people's perspectives	Aware
Work constructively with differences in viewpoints	Aware
Actively participate in a range of community activities as an informed citizen	Aware
Develop, articulate and clarify your personal values and ethics	Aware

of Professional skills required for your programme. It is meant to be used as
discover other skills you need to develop or currently have. These can be described
ay end up with different versions of this Matrix. You can collate them in your Learn

luate

Evidence		
Regularly work with non-technical project managers in my day job, therefore conversations are required to be adapted to the end user.	Aware	
	Trained	
Regularly read technology news, keeping up with the ever-changing trends. Project developments within workplace to ease complex workflows. Member of BCS	Proficient	
	Expert	
workplace & MSc Course where further information is needed to complete a task.		
Workplace through data protection training/refreshers. Workplace through data protection training/refreshers.		
Within workplace, ensuring services are accessible to all.		
Within workplace. Discussion Forums & within workplace. Within workplace. Discussion Forums within MSc Course.		
Used within workplace & MSc Course when identifying the best approach for a particular issue.		

Workplace & Codio assignments.
Used within workplace & MSc
Course.

Used within workplace & MSc
Course.

Used within workplace & MSc
Course.

Used within workplace.
Used as part of the MSc course.
Regularly use for
work/coursework to present
information to an end user.
Additional Reading for
assignments.

a guide for your SWOT analysis/action plan as part of your Profes
in further detail in your SWOT analysis/action plan.
ing Loop as part of your final PDP at the end of your programme.

Skill Level Key

General understanding and basic knowledge

Able to apply knowledge, able to work independently under certain conditions

Broad and in-depth knowledge, able to work independently with very little supervision

Seen as a subject matter expert, able to lead and train others.