

# Defining occupations in science, technology and engineering, mathematics, medicine and health

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## 1. Introduction

The knowledge and expertise required in the fields of science, engineering and technology, mathematics, medicine and health (STEM-M&H) are vital for the future growth of the UK economy. Innovation is driven by the application of such skills, and technological advancement demands their application across an increasing array of jobs.

Measuring and monitoring STEM-M&H occupations provides statistical information that maps these skills. This document defines a set of occupations that require STEM-M&H skills for competent performance of their constituent key tasks and duties. Occupations are defined according to the 2020 Standard Occupational Classification at both the 4-digit and more detailed 6-digit levels.

## 2. Background

As a part of its inclusion and diversity agenda<sup>1</sup>, the Royal Society established a STEM Workforce Classification Group, tasked to make recommendations to the Department for Business, Energy and Industrial Strategy on the definition of the STEM-M&H workforce, based on the Standard Occupational Classification (SOC). The Institute for Employment Research at the University of Warwick undertook such work in 2017<sup>2</sup>, identifying unit groups of the 2010 version of the Standard Occupational Classification as STEM-M&H, STEM-M&H-related or non-STEM-M&H. This document provides an update to that report to define the STEM-M&H workforce based on the 2020 version of the Standard Occupational Classification (SOC2020). In addition to the revision of the unit group structure of the SOC, this version of the Standard Occupational Classification has been extended to provide further detail in the definition of occupations. Each of the 4-digit unit groups of SOC2020 has been expanded to a set of 6-digit sub-unit groups. This increase in the level of detail of the classification helps in the identification of the STEM-M&H workforce.

Key to the definition of STEM-M&H occupations is the extent to which they draw upon the education and training requirements that lead to competent performance in the jobs so classified. This 'skill level threshold' underpins the link between STEM-M&H education and training and the definition of a job as belonging to the STEM-M&H group of occupations.

In undertaking this update, consultations were held with some of the professional bodies that cover specific occupations. Differences were noted between the coverage of certain professional bodies, particularly in the field of engineering. An explanation of these differences is included in this document.

## 3. Defining STEM-M&H occupations

There are four main groups of occupations that are classified as science, technology and engineering, mathematics, and medicine and health. These groups are defined as follows:

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<sup>1</sup> See <https://royalsociety.org/-/media/policy/Publications/2021/02-01-21-royal-society-submission-appg-diversity-and-inclusion-in-STEM.pdf>

<sup>2</sup> Defining occupations in STEM-M&H, Warwick Institute for Employment Research, September 2017

### *Science occupations*

Occupations whose main tasks consist of the study, advancement, or application of a body of knowledge through observation, experimentation, and analysis, thereby leading to an improved understanding of the physical and natural world, social and economic life.

### *Technology and Engineering occupations*

Occupations whose main tasks consist of the application of scientific and engineering knowledge in the design, construction, maintenance and decommissioning of physical and virtual objects, networks and data, or for other practical purposes.

### *Mathematics occupations*

Occupations whose main tasks consist of the study of numbers, quantities, and space, either as abstract concepts or as applied to other disciplines.

### *Medical and Health occupations*

Occupations whose main tasks consist of research and practice concerning the diagnosis, treatment, prevention of disease and the maintenance of physical and mental wellbeing of humans and other organisms.

These definitions raise several important questions about specific occupations and the boundaries between them. Scientific occupations, by this definition, include the social sciences, occupations which do not necessarily draw upon disciplines such as physics, chemistry, and biology, hence being regarded by some as not being sufficiently 'scientific' to be included in this group. Mathematical occupations are notoriously difficult to define, given that nearly all occupations require some mathematical knowledge for competent performance. Where advanced mathematical knowledge is at the core of the tasks associated with a specific occupation, it will be classified as a mathematical occupation.

Classification of a job to the SOC is undertaken by identifying the most important tasks that constitute the job, then allocating jobs to what are termed 'unit groups' (the 4-digit categories) or 'sub-unit groups' (the 6-digit categories) of the classification, within which there is a degree of similarity between the tasks in different jobs. In some areas of the classification this has led to a mix of STEM-M&H and non-STEM-M&H jobs within the unit or sub-unit group. Each unit group is allocated to a particular STEM-M&H category (or non-STEM-M&H) based on the most prevalent jobs and associated tasks within that unit or sub-unit group. At the more detailed level of sub-unit groups this problem is lessened, but still prevails in some instances.

The following section describes the conceptual basis of the Standard Occupational Classification. These concepts are used in conjunction with the above definitions of STEM-M&H occupations to map unit groups of the 2020 Standard Occupational Classification into the STEM-M&H categories.

## 4. The conceptual basis of the 2020 Standard Occupational Classification (SOC2020)

The concept of skill underlies the structure of the classification. Skill is defined as the ability to carry out the tasks and duties of a given job in a competent manner. Two dimensions of skill are used to arrange occupations within the hierarchical structure of the classification. These are *skill level* and *skill specialisation*.

*Skill level* is defined as a function of the complexity and range of tasks and duties to be performed in an occupation. Skill level is measured operationally by considering one or more of:

- the nature of the work performed in an occupation in relation to the characteristic tasks and duties defined for each skill level;
- the level of formal education defined in terms of the International Standard Classification of Education (ISCED-2011) (UNESCO, 2012) required for competent performance of the tasks and duties involved; and
- the amount of informal on-the-job training and/or previous experience in a related occupation required for competent performance of these tasks and duties.

The concept of skill level is applied mainly at the major group level (single digit) of the classification, giving more emphasis to the first of these operational measures, the nature of the work performed, than to the formal and informal education and training requirements.

Four broad skill levels are defined. Eight of the nine major groups in SOC2020 contain occupations only at one of four skill levels. For example, Major Group 2: Professionals includes only occupations at the highest ISCO skill level, skill Level 4. All groups below the major group level contain occupations at only one skill level.

Further information on the definition of the four skill levels used in the Standard Occupational Classification and their relationship to education and/or training levels is given in Appendix 1.

*Skill specialisation* is considered in terms of four concepts:

- the field of knowledge required;
- the tools and machinery used;
- the materials worked on or with; and
- the kinds of goods and services produced.

Within each major group, occupations are arranged into unit groups, minor groups and sub-major groups, primarily on the basis of aspects of skill specialisation.

### Application of the four skill levels to the SOC2020 major groups

The relationship between the nine SOC2020 major groups and the four skill levels is summarised in table 1. Within Major Group 1, occupations in Sub-major Group 12: Other managers and proprietors are at Skill Level 3. All other occupations in Major Group 1 are at Skill Level 4.

**Table 1. Mapping of SOC2020 major groups to skill levels**

	<b>SOC2020 major groups</b>	<b>SOC2020 Skill Level</b>
1	Managers, directors and senior officials	3 + 4
2	Professional occupations	4
3	Associate professional occupations	3
4	Administrative and secretarial occupations	2
5	Skilled trades occupations	3
6	Caring, leisure and other service occupations	2
7	Sales and customer service occupations	2
8	Process, plant and machine operatives	2
9	Elementary occupations	1

In those cases where formal education and training requirements are used as part of the measurement of the skill level of an occupation, these requirements are defined in terms of ISCED-2011. A mapping between SOC2020 skill levels and levels of education in ISCED-2011 is provided in appendix 1. It is important to note that the only occupations categorised as core STEM-M&H are those at skill level 3 or above. These are occupations that require a spell of tertiary education or an equivalent duration of training.

## 5. Allocating SOC2020 unit groups to STEM-M&H categories

### 4-digit unit groups and 6-digit sub-unit groups

The principal use of the Standard Occupational Classification is as a statistical tool, designed to measure and monitor occupational change in the labour market. As such, it must be capable of being operationalised within statistical sources such as the Annual Survey of Hours and Earnings, the UK Labour Force Survey, and the decennial Census of Population. While various niche occupation unit groups may be defined in terms of constituent job titles, if the resulting category is too small to be measured within such sources, such a unit group would have little statistical value. Similarly, if the information to be coded (a job title) is too vague for precise allocation within the structure of the SOC, those categories to which it could be allocated become less meaningful. The 4-digit level of the SOC reflects these constraints. At this level of the classification certain unit groups are heterogeneous. An example is unit group 2313 'Secondary education teaching professionals'. Classified within the unit group are schoolteachers with a science or mathematics degree who are teaching these subjects, together with other teachers.

The 6-digit level of the classification, where jobs are allocated to sub-unit groups, helps alleviate this problem by removing some of the heterogeneity within unit groups. However, there are currently no official statistical sources in the UK that provide information coded to this level of detail.

The skill levels of the SOC assist with the allocation of unit groups to the four STEM-M&H categories. A distinction is made between unit groups of the SOC in which STEM-M&H tasks are 'core' i.e., central to and forming a major part of the job. Where such tasks are at skill levels 3 or 4 and form a major part of the job, the unit group is defined as 'STEM-M&H' and allocated to one of the four categories within this grouping of occupations. Unit groups in Major Group 8 (Process, plant and machine operatives) are not allocated to the STEM-M&H Engineering and Technology group of occupations, given that jobs in this area are often associated with machine operation, rather than with an understanding of the engineering and/or technological principles that are employed in the use of machines. However, it is recognised that many such occupations are closely associated with STEM-M&H occupations, either through supervision or the application of a basic knowledge of engineering/technological principles and practice. They are classified as 'related' to the relevant STEM-M&H category. This is elaborated further in the following subsection.

Each of the unit groups of SOC2020 was reviewed to determine the allocation of the unit group to the STEM-M&H classification presented in this report. The source for these reviews is a composite database of textual information on job titles and job descriptions given by respondents to UK Labour Force Surveys held between 2016 and 2019. This consists of approximately 200 thousand records. The information available in this database was derived from the following questions put to survey respondents:

What was your (main) job in the week ending Sunday the [date]? *Enter job title*

What did you mainly do in your job?

*Check special qualifications/training needed to do the job*

Each unit group was examined in turn, noting the range of job titles within each unit group and the prevalence of job titles and job descriptions that indicate STEM-M&H activities, qualifications and/or training.

### Defining STEM-M&H-related occupations

The allocation of a unit or sub-unit group of SOC2020 to one of the four 'STEM-M&H-related' categories can arise in two different ways:

First, where the main tasks in a specific job within a SOC unit or sub-unit group do not fall within the definition of STEM-M&H occupations, but there is a strong link to such occupations, either through the requirement to have a basic understanding of some knowledge and/or experience in the areas covered by STEM-M&H, the occupation unit group is designated as 'STEM-M&H-related'.

Second, where the unit group is composed of a wide range of different occupations, some of which are clearly STEM-M&H occupations but many are not, the category 'STEM-M&H-related' is also used. Example of such unit groups include: Officers in the Armed Forces; Higher education teaching professionals; Management consultants and business analysts. Ideally, these unit groups of the SOC would be defined in ways which identify the STEM-M&H occupations separately. However, where the basic information used to classify an occupation (often just the job title) is imprecise or used in an inconsistent manner, the STEM-M&H occupations within that unit group cannot be separately identified. As indicated previously, an example is unit group 2313 'Secondary Education Teaching Professionals'. While many teaching occupations require STEM-M&H skills and knowledge, a significant proportion of secondary school teachers do not report their subject specialisms when providing details of their occupation. Unit groups of the SOC2020 which fall within this second category are designated with an asterisk (STEM-M&H-related\*). Thus, for all SOC2020 unit or sub-unit groups designated as STEM-M&H-related\*, a proportion of the occupations classified within these unit groups will be STEM-M&H occupations. In some instances, particularly where such unit groups are well-populated, a secondary source of information may provide a relevant factor that can be applied to the population within the unit group to estimate the number of STEM-M&H occupations it contains<sup>3</sup>.

### Defining degree level occupations

A further distinction is made between those occupation unit groups of SOC2020 which are considered to be 'degree-level' unit groups. This distinction is made via reference to the work of Elias and Purcell (2013), which allocates unit groups based on constituent tasks

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<sup>3</sup> An example of the way in which other sources of information can be used to create such factors is shown in Appendix 2.



within jobs requiring the skills and knowledge developed on a degree-level course. Three different categories of degree level jobs are defined. These are:

- **Experts:** Those in knowledge-intensive occupations that require them to draw on and use their specialist HE knowledge and skills in the course of their daily work, and whose appointment to their jobs and capacity to carry out the tasks and responsibilities required is directly related to possession of their specialist knowledge and/or high-level skills. Examples include Chemical Scientists, Civil Engineers, Pharmacists, Solicitors, Physiotherapists, Chartered Surveyors, and Airline Pilots.
- **Orchestrators** are in jobs that require them to draw on and orchestrate their knowledge and the knowledge of others to evaluate information, assess options, plan, make decisions and co-ordinate the contributions of others to achieve objectives. The list of these is dominated by managers and directors but includes senior officers in the armed services, the police force and other public sector areas.
- **Communicators** require interactive skills that may be based on interpersonal skills, creative skills or high-level technological knowledge, capacity to access and manipulate information and/or an understanding of how to communicate information effectively to achieve objectives. Examples include Journalists, Actors, Conference and Exhibition Organisers, Web-design and Development Professionals and Marketing Associate Professionals.

#### The allocation of SOC2020 unit groups to STEM-M&H, STEM-M&H related categories by degree-level

The following pages show the allocation of the unit and sub-unit group structure of SOC2020 to the categories Science, Technology and Engineering, Mathematics, and Medicine and Health. Also shown is the designation of these occupations by whether they are classified as degree/non-degree by Elías and Purcell (2013), as STEM (inc. health) by the Gatsby Foundation, and by the EngineeringUK definition (mapped on to SOC 2020 from SOC2010). This table is based on the structure of the SOC2020 and SOC Extension published on 18<sup>th</sup> May 2023.

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1111	Chief executives and senior officials	Not STEM-M&H			X				Orchestrator		
SUG	1111/01	Chairpersons	Not STEM-M&H			X						
SUG	1111/02	Chief executives	Not STEM-M&H			X						
SUG	1111/03	Diplomats and foreign office officials	Not STEM-M&H			X						
SUG	1111/04	Senior public service officials	Not STEM-M&H			X						
SUG	1111/99	Chief executives and senior officials n.e.c.	Not STEM-M&H			X						
UG	1112	Elected officers and representatives	Not STEM-M&H			X				Communicator		
SUG	1112/01	Assembly members and Members of Parliament	Not STEM-M&H			X						
SUG	1112/02	Councillors	Not STEM-M&H			X						
SUG	1112/99	Elected officers and representatives n.e.c.	Not STEM-M&H			X						
UG	1121	Production managers and directors in manufacturing	Engineering and Technology	X						Orchestrator	X	Core engineering
SUG	1121/00	Production managers and directors in manufacturing	Engineering and Technology	X								
UG	1122	Production managers and directors in construction	Engineering and Technology	X						Orchestrator	X	Core engineering
SUG	1122/00	Production managers and directors in construction	Engineering and Technology	X								
UG	1123	Production managers and directors in mining and energy	Engineering and Technology	X						Orchestrator	X	Core engineering

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1123/01	Managers and directors in the extraction of fossil fuels	Engineering and Technology	X								
SUG	1123/02	Managers and directors in the production of energy	Engineering and Technology	X								
SUG	1123/99	Production managers and directors in mining and energy n.e.c.	Engineering and Technology	X								
UG	1131	Financial managers and directors	Not STEM-M&H			X			Orchestrator	X		
SUG	1131/01	Bank, building society and post office managers	Not STEM-M&H			X						
SUG	1131/02	Company secretaries and finance managers and directors	Not STEM-M&H			X						
SUG	1131/03	Investment bankers	Not STEM-M&H			X						
SUG	1131/99	Financial managers and directors n.e.c.	Not STEM-M&H			X						
UG	1132	Marketing, sales and advertising directors	Not STEM-M&H			X			Orchestrator			
SUG	1132/01	Advertising and marketing directors	Not STEM-M&H			X						
SUG	1132/02	Sales directors	Not STEM-M&H			X						
SUG	1132/99	Marketing, sales and advertising directors n.e.c.	Not STEM-M&H			X						
UG	1133	Public relations and communications directors	Not STEM-M&H			X			Orchestrator			
SUG	1133/00	Public relations and communications directors	Not STEM-M&H			X						

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1134	Purchasing managers and directors	Not STEM-M&H			X				Orchestrator		
SUG	1134/01	Estimating managers and directors	Not STEM-M&H			X						
SUG	1134/02	Procurement and purchasing managers and directors	Not STEM-M&H			X						
SUG	1134/99	Purchasing managers and directors n.e.c.	Not STEM-M&H			X						
UG	1135	Charitable organisation managers and directors	Not STEM-M&H			X				Orchestrator		
SUG	1135/00	Charitable organisation managers and directors	Not STEM-M&H			X						
UG	1136	Human resource managers and directors	Not STEM-M&H			X				Orchestrator		
SUG	1136/01	Employee relations managers	Not STEM-M&H			X						
SUG	1136/02	Equality, diversity and inclusion managers	Not STEM-M&H			X						
SUG	1136/03	Learning and development managers and directors	Not STEM-M&H			X						
SUG	1136/04	Recruitment managers and directors	Not STEM-M&H			X						
SUG	1136/99	Human resources managers and directors n.e.c.	Not STEM-M&H			X						
UG	1137	Information technology directors	Engineering and Technology related		X					Orchestrator	X	Related engineering
SUG	1137/01	Information security directors	Engineering and Technology related		X							

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1137/02	Information technology operations directors	Engineering and Technology related		X							
SUG	1137/03	Information technology programme managers and directors	Engineering and Technology related		X							
SUG	1137/04	Information technology technical directors	Engineering and Technology related		X							
SUG	1137/99	Information technology directors n.e.c.	Engineering and Technology related		X							
UG	1139	Functional managers and directors n.e.c.	Not STEM-M&H			X			Orchestrator			
SUG	1139/01	Accounts directors	Not STEM-M&H			X						
SUG	1139/02	Administration directors	Not STEM-M&H			X						
SUG	1139/03	Complaints and customer service directors	Not STEM-M&H			X						
SUG	1139/04	Events directors	Not STEM-M&H			X						
SUG	1139/05	Intellectual property managers and directors	Not STEM-M&H			X						
SUG	1139/06	Municipal clerks	Not STEM-M&H			X						
SUG	1139/07	Research and development (R&D) directors	Not STEM-M&H			X						
SUG	1139/99	Functional managers and directors n.e.c.	Not STEM-M&H			X						
UG	1140	Directors in logistics, warehousing and transport	Not STEM-M&H			X			Orchestrator	X		
SUG	1140/01	Supply chain directors	Not STEM-M&H			X						

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1140/99	Directors in logistics, warehousing and transport n.e.c.	Not STEM-M&H			X						
UG	1150	Managers and directors in retail and wholesale	Not STEM-M&H			X			Orchestrator			
SUG	1150/00	Managers and directors in retail and wholesale	Not STEM-M&H			X						
UG	1161	Officers in armed forces	Engineering and Technology related*		X				Orchestrator			
SUG	1161/01	Army officers	Engineering and Technology related*		X							
SUG	1161/02	Royal Air Force officers	Engineering and Technology related*		X							
SUG	1161/03	Royal Marines officers	Engineering and Technology related*		X							
SUG	1161/04	Royal Navy officers	Engineering and Technology related*		X							
SUG	1161/99	Officers in armed forces n.e.c.	Engineering and Technology related*		X							
UG	1162	Senior police officers	Not STEM-M&H			X			Orchestrator			
SUG	1162/01	Chief, deputy chief and assistant chief constables	Not STEM-M&H			X						
SUG	1162/02	Chief inspectors	Not STEM-M&H			X						
SUG	1162/03	Chief superintendents	Not STEM-M&H			X						
SUG	1162/99	Senior police officers n.e.c.	Not STEM-M&H			X						

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1163	Senior officers in fire, ambulance, prison and related services	Not STEM-M&H			X				Orchestrator		
SUG	1163/01	Senior officers in ambulance services	Not STEM-M&H			X						
SUG	1163/02	Senior officers in fire services	Not STEM-M&H			X						
SUG	1163/03	Senior officers in immigration services	Not STEM-M&H			X						
SUG	1163/04	Senior officers in prison services	Not STEM-M&H			X						
SUG	1163/05	Senior officers in revenue and customs	Not STEM-M&H			X						
UG	1171	Health services and public health managers and directors	Medicine & Health related		X					Orchestrator		
SUG	1171/01	Clinical governance and information managers	Medicine & Health related		X							
SUG	1171/02	Healthcare service managers and directors	Medicine & Health related		X							
SUG	1171/99	Health services and public health managers and directors n.e.c.	Medicine & Health related		X							
UG	1172	Social services managers and directors	Not STEM-M&H			X				Orchestrator		
SUG	1172/00	Social services managers and directors	Not STEM-M&H			X						
UG	1211	Managers and proprietors in agriculture and horticulture	Engineering and Technology related*		X					Orchestrator	X	

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1211/00	Managers and proprietors in agriculture and horticulture	Engineering and Technology related*		X							
UG	1212	Managers and proprietors in forestry, fishing and related services	Not STEM-M&H			X			Orchestrator	X		
SUG	1212/01	Cattery and kennel managers and proprietors	Not STEM-M&H			X						
SUG	1212/02	Fisheries managers and proprietors	Not STEM-M&H			X						
SUG	1212/03	Forestry managers	Not STEM-M&H			X						
SUG	1212/04	Livery yard and stud farm managers	Not STEM-M&H			X						
SUG	1212/05	Racehorse trainers	Not STEM-M&H			X						
SUG	1212/99	Managers and proprietors in forestry, fishing and related services n.e.c.	Not STEM-M&H			X						
UG	1221	Hotel and accommodation managers and proprietors	Not STEM-M&H			X			Orchestrator			
SUG	1221/00	Hotel and accommodation managers and proprietors	Not STEM-M&H			X						
UG	1222	Restaurant and catering establishment managers and proprietors	Not STEM-M&H					X	Non-graduate			
SUG	1222/01	Café and restaurant managers and proprietors	Not STEM-M&H					X				
SUG	1222/02	Catering operations managers	Not STEM-M&H					X				



Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1222/03	Takeaway managers and proprietors	Not STEM-M&H						X			
SUG	1222/99	Restaurant and catering establishment managers and proprietors n.e.c.	Not STEM-M&H						X			
UG	1223	Publicans and managers of licensed premises	Not STEM-M&H						X	Non-graduate		
SUG	1223/00	Publicans and managers of licensed premises	Not STEM-M&H						X			
UG	1224	Leisure and sports managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1224/01	Cinema managers and proprietors	Not STEM-M&H						X			
SUG	1224/02	Golf course managers	Not STEM-M&H						X			
SUG	1224/03	Gym, fitness and leisure services managers and proprietors	Not STEM-M&H						X			
SUG	1224/04	Marina managers	Not STEM-M&H						X			
SUG	1224/05	Museum managers and proprietors	Not STEM-M&H						X			
SUG	1224/06	Parks and gardens managers	Not STEM-M&H						X			
SUG	1224/07	Theatre managers (excludes hospital service)	Not STEM-M&H						X			
SUG	1224/99	Leisure and sports managers and proprietors n.e.c.	Not STEM-M&H						X			
UG	1225	Travel agency managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1225/00	Travel agency managers and proprietors	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1231	Health care practice managers	Medicine & Health related					X		Non-graduate		
SUG	1231/01	Dental practice managers	Medicine & Health related					X				
SUG	1231/02	Medical practice managers	Medicine & Health related					X				
SUG	1231/03	Opticians managers	Medicine & Health related					X				
SUG	1231/04	Veterinary practice managers	Medicine & Health related					X				
SUG	1231/99	Health care practice managers n.e.c.	Medicine & Health related					X				
UG	1232	Residential, day and domiciliary care managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1232/01	Day care managers	Not STEM-M&H						X			
SUG	1232/02	Domiciliary care managers	Not STEM-M&H						X			
SUG	1232/03	Residential care managers and proprietors	Not STEM-M&H						X			
SUG	1232/99	Residential, day and domiciliary care managers and proprietors n.e.c.	Not STEM-M&H						X			
UG	1233	Early education and childcare services proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1233/00	Early education and childcare services proprietors	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1241	Managers in transport and distribution	Not STEM-M&H			X				Orchestrator	X	
SUG	1241/01	Airport managers	Not STEM-M&H			X						
SUG	1241/02	Depot and fleet managers	Not STEM-M&H			X						
SUG	1241/03	Dispatch and distribution managers	Not STEM-M&H			X						
SUG	1241/04	Harbour and port managers	Not STEM-M&H			X						
SUG	1241/05	Road traffic managers	Not STEM-M&H			X						
SUG	1241/99	Managers in transport and distribution n.e.c.	Not STEM-M&H			X						
UG	1242	Managers in storage and warehousing	Not STEM-M&H			X				Orchestrator	X	
SUG	1242/00	Managers in storage and warehousing	Not STEM-M&H			X						
UG	1243	Managers in logistics	Not STEM-M&H			X				Orchestrator	X	
SUG	1243/00	Managers in logistics	Not STEM-M&H			X						
UG	1251	Property, housing and estate managers	Not STEM-M&H						X	Non-graduate		
SUG	1251/01	Facilities managers	Not STEM-M&H						X			
SUG	1251/02	Landlords, property and housing managers	Not STEM-M&H						X			
SUG	1251/03	Property investors and developers	Not STEM-M&H						X			
SUG	1251/04	Sales and lettings managers	Not STEM-M&H						X			
SUG	1251/05	Shopping centre managers	Not STEM-M&H						X			
SUG	1251/99	Property, housing and estate managers n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	1252	Garage managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1252/00	Garage managers and proprietors	Not STEM-M&H						X			
UG	1253	Hairdressing and beauty salon managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1253/01	Beauty salon managers and proprietors	Not STEM-M&H						X			
SUG	1253/02	Hairdressing managers and proprietors	Not STEM-M&H						X			
SUG	1253/99	Hairdressing and beauty salon managers and proprietors n.e.c.	Not STEM-M&H						X			
UG	1254	Waste disposal and environmental services managers	Engineering and Technology related*		X					Expert	X	Related engineering
SUG	1254/01	Landfill site managers	Engineering and Technology related		X							
SUG	1254/02	Recycling managers	Engineering and Technology related		X							
SUG	1254/03	Scrap yard managers	Not STEM-M&H			X						
SUG	1254/04	Sewage works and water treatment managers	Engineering and Technology related		X							
SUG	1254/99	Waste disposal and environmental services managers n.e.c.	Engineering and Technology related*		X							
UG	1255	Managers and directors in the creative industries	Not STEM-M&H			X				Orchestrator		
SUG	1255/01	Art gallery managers and directors	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1255/02	Film and television production managers	Not STEM-M&H			X						
SUG	1255/03	Publishing managers and directors	Not STEM-M&H			X						
SUG	1255/04	Radio production managers	Not STEM-M&H			X						
SUG	1255/05	Sport and talent agents	Not STEM-M&H			X						
SUG	1255/06	Theatre production managers	Not STEM-M&H			X						
SUG	1255/99	Managers and directors in the creative industries n.e.c.	Not STEM-M&H			X						
UG	1256	Betting shop and gambling establishment managers	Not STEM-M&H						X	Non-graduate		
SUG	1256/01	Betting shop managers	Not STEM-M&H						X			
SUG	1256/02	Bingo hall managers	Not STEM-M&H						X			
SUG	1256/03	Casino managers	Not STEM-M&H						X			
SUG	1256/99	Betting shop and gambling establishment managers n.e.c.	Not STEM-M&H						X			
UG	1257	Hire services managers and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	1257/00	Hire services managers and proprietors	Not STEM-M&H						X			
UG	1258	Directors in consultancy services	Not STEM-M&H			X				Orchestrator		
SUG	1258/01	Design consultancy directors	Not STEM-M&H			X						
SUG	1258/02	Environmental consultancy directors	Not STEM-M&H			X						
SUG	1258/03	Management consultancy directors	Not STEM-M&H			X						
SUG	1258/04	Surveying consultancy directors	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	1258/99	Directors in consultancy services n.e.c.	Not STEM-M&H			X						
UG	1259	Managers and proprietors in other services n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	1259/01	Cleaning and hygiene services managers and proprietors	Not STEM-M&H						X			
SUG	1259/02	Educational establishment managers and proprietors	Not STEM-M&H						X			
SUG	1259/03	Funeral services and crematorium managers and proprietors	Not STEM-M&H						X			
SUG	1259/04	Library managers	Not STEM-M&H						X			
SUG	1259/05	Recruitment agency managers and proprietors	Not STEM-M&H						X			
SUG	1259/06	Security services managers and proprietors	Not STEM-M&H						X			
SUG	1259/99	Managers and proprietors in other services n.e.c.	Not STEM-M&H						X			
UG	2111	Chemical scientists	Science	X						Expert	X	
SUG	2111/01	Analytical chemists	Science	X								
SUG	2111/02	Industrial chemists	Science	X								
SUG	2111/03	Nuclear and radiochemists	Science	X								
SUG	2111/04	Research and development chemists	Science	X								
SUG	2111/99	Chemical scientists n.e.c.	Science	X								
UG	2112	Biological scientists	Science	X						Expert	X	

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2112/01	Agricultural scientists	Science	X								
SUG	2112/02	Biologists	Science	X								
SUG	2112/03	Botanical and horticultural scientists	Science	X								
SUG	2112/04	Microbiologists and bacteriologists	Science	X								
SUG	2112/05	Pathologists	Science	X								
SUG	2112/06	Pharmacologists	Science	X								
SUG	2112/07	Zoological scientists	Science	X								
SUG	2112/99	Biological scientists n.e.c.	Science	X								
UG	2113	Biochemists and biomedical scientists	Science	X					Expert	X		
SUG	2113/01	Biochemists	Science	X								
SUG	2113/02	Biomedical scientists	Science	X								
SUG	2113/03	Biotechnologists	Science	X								
SUG	2113/04	Clinical scientists	Science	X								
SUG	2113/99	Biochemists and biomedical scientists n.e.c.	Science	X								
UG	2114	Physical scientists	Science	X					Expert	X		
SUG	2114/01	Geologists	Science	X								
SUG	2114/02	Geophysicists	Science	X								
SUG	2114/03	Hydrogeologists and hydrologists	Science	X								
SUG	2114/04	Meteorologists	Science	X								
SUG	2114/99	Physical scientists n.e.c.	Science	X								
UG	2115	Social and humanities scientists	Science	X					Expert	X		
SUG	2115/01	Anthropologists	Science	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2115/02	Archaeologists	Science	X								
SUG	2115/03	Behavioural scientists	Science	X								
SUG	2115/04	Epidemiologists	Science	X								
SUG	2115/05	Genealogists	Science	X								
SUG	2115/06	Geographic information systems (GIS) analysts	Science	X								
SUG	2115/07	Historians	Science	X								
SUG	2115/08	Political scientists	Science	X								
SUG	2115/09	Public health analysts	Science	X								
SUG	2115/99	Social and humanities scientists n.e.c.	Science	X								
UG	2119	Natural and social science professionals n.e.c.	Science	X					Expert	X		
SUG	2119/01	Sports scientists	Science	X								
SUG	2119/99	Natural and social science professionals n.e.c.	Science	X								
UG	2121	Civil engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2121/01	Building and building services engineers	Engineering and technology	X								
SUG	2121/02	Geotechnical engineers	Engineering and technology	X								
SUG	2121/03	Mining engineers	Engineering and technology	X								



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2121/04	Structural engineers	Engineering and technology	X								
SUG	2121/05	Transportation engineers	Engineering and technology	X								
SUG	2121/06	Water engineers (professional)	Engineering and technology	X								
SUG	2121/99	Civil engineers n.e.c.	Engineering and technology	X								
UG	2122	Mechanical engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2122/01	Automotive engineers (professional)	Engineering and technology	X								
SUG	2122/02	Marine engineers and naval architects	Engineering and technology	X								
SUG	2122/03	Mechanical design engineers	Engineering and technology	X								
SUG	2122/99	Mechanical engineers n.e.c.	Engineering and technology	X								
UG	2123	Electrical engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2123/01	Laser engineers	Engineering and technology	X								
SUG	2123/02	Power systems engineers	Engineering and technology	X								

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2123/03	Railway signalling engineers	Engineering and technology	X								
SUG	2123/99	Electrical engineers n.e.c.	Engineering and technology	X								
UG	2124	Electronics engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2124/01	Broadcast engineers (professional)	Engineering and technology	X								
SUG	2124/02	Telecommunications engineers (professional)	Engineering and technology	X								
SUG	2124/99	Electronics engineers n.e.c.	Engineering and technology	X								
UG	2125	Production and process engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2125/01	Chemical engineers	Engineering and technology	X								
SUG	2125/02	Control and instrumentation engineers	Engineering and technology	X								
SUG	2125/03	Industrial and production engineers	Engineering and technology	X								
SUG	2125/99	Production and process engineers n.e.c.	Engineering and technology	X								
UG	2126	Aerospace engineers	Engineering and Technology	X					Expert	X	Core engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2126/01	Aeronautical engineers (professional)	Engineering and technology	X								
SUG	2126/02	Aircraft engineers (professional)	Engineering and technology	X								
SUG	2126/03	Avionics engineers	Engineering and technology	X								
SUG	2126/99	Aerospace engineers n.e.c.	Engineering and technology	X								
UG	2127	Engineering project managers and project engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2127/00	Engineering project managers and project engineers	Engineering and technology	X								
UG	2129	Engineering professionals n.e.c.	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2129/01	Acoustic engineers	Engineering and technology	X								
SUG	2129/02	Biomedical engineers	Engineering and technology	X								
SUG	2129/03	Brewers (qualified)	Engineering and technology	X								
SUG	2129/04	Clinical Engineers	Engineering and technology	X								
SUG	2129/05	Energy engineers	Engineering and technology	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2129/06	Food technologists	Engineering and technology	X								
SUG	2129/07	Gas engineers (professional)	Engineering and technology	X								
SUG	2129/08	Heating and ventilating engineers (professional)	Engineering and technology	X								
SUG	2129/09	Materials scientists	Engineering and technology	X								
SUG	2129/10	Mechatronic engineers	Engineering and technology	X								
SUG	2129/11	Nuclear engineers	Engineering and technology	X								
SUG	2129/12	Patent engineers	Engineering and technology	X								
SUG	2129/13	Robotics engineers	Engineering and technology	X								
SUG	2129/14	Traffic engineers	Engineering and technology	X								
SUG	2129/99	Engineering professionals n.e.c.	Engineering and technology	X								
UG	2131	IT project managers	Engineering and Technology	X					Orchestrator	X	Related engineering	
SUG	2131/00	IT project managers	Engineering and technology	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	2132	IT managers	Engineering and Technology related		X					Expert	X	Related engineering
SUG	2132/01	IT information managers	Engineering and Technology related		X							
SUG	2132/02	IT product managers	Engineering and Technology related		X							
SUG	2132/03	IT service delivery managers	Engineering and Technology related		X							
SUG	2132/04	IT systems managers	Engineering and Technology related		X							
SUG	2132/05	IT test managers	Engineering and Technology related		X							
SUG	2132/06	Network managers	Engineering and Technology related		X							
SUG	2132/07	Software development managers	Engineering and Technology related		X							
SUG	2132/08	Technical support managers	Engineering and Technology related		X							
SUG	2132/99	IT managers n.e.c.	Engineering and Technology related		X							
UG	2133	IT business analysts, architects and systems designers	Engineering and Technology	X						Expert	X	Core engineering
SUG	2133/01	Computer analysts and scientists	Engineering and technology	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2133/02	Data architects	Engineering and technology	X								
SUG	2133/03	Data engineers	Engineering and technology	X								
SUG	2133/04	IT systems architects	Engineering and technology	X								
SUG	2133/05	IT business analysts	Engineering and technology	X								
SUG	2133/06	IT solutions architects and designers	Engineering and technology	X								
SUG	2133/99	IT business analysts, architects and systems designers n.e.c.	Engineering and technology	X								
UG	2134	Programmers and software development professionals	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2134/01	Computer games designers	Engineering and technology	X								
SUG	2134/02	Computer programmers	Engineering and technology	X								
SUG	2134/03	Software developers	Engineering and technology	X								
SUG	2134/99	Programmers and software development professionals n.e.c.	Engineering and technology	X								
UG	2135	Cyber security professionals	Engineering and Technology	X					Expert	X	Core engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2135/01	Cyber operational defence specialists	Engineering and technology	X								
SUG	2135/02	Cyber security management and governance specialists	Engineering and technology	X								
SUG	2135/03	Forensic computer specialists	Engineering and technology	X								
SUG	2135/04	Secure system development specialists	Engineering and technology	X								
SUG	2135/99	Cyber security professionals n.e.c.	Engineering and technology	X								
UG	2136	IT quality and testing professionals	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2136/00	IT quality and testing professionals	Engineering and technology	X								
UG	2137	IT network professionals	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2137/00	IT network professionals	Engineering and technology	X								
UG	2139	Information technology professionals n.e.c.	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2139/01	DevOps engineers	Engineering and technology	X								
SUG	2139/02	IT consultants	Engineering and technology	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2139/03	Webmasters and website managers	Engineering and technology	X								
SUG	2139/99	Information technology professionals n.e.c.	Engineering and technology	X								
UG	2141	Web design professionals	Engineering and technology	X					Communicator	X	Related engineering	
SUG	2141/01	Application designers	Engineering and technology	X								
SUG	2141/02	UI and UX designers and researchers	Engineering and technology	X								
SUG	2141/03	Web designers	Engineering and technology	X								
SUG	2141/99	Web design professionals n.e.c.	Engineering and technology	X								
UG	2142	Graphic and multimedia designers	Engineering and Technology	X					Communicator	X		
SUG	2142/01	Multimedia animators	Engineering and technology	X								
SUG	2142/99	Graphic and multimedia designers n.e.c.	Engineering and technology	X								
UG	2151	Conservation professionals	Science	X					Expert	X		
SUG	2151/01	Conservationists	Science	X								
SUG	2151/02	Ecologists	Science	X								
SUG	2151/03	Heritage officers	Science	X								
SUG	2151/99	Conservation professionals n.e.c.	Science	X								



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	2152	Environment professionals	Science	X						Expert	X	Core engineering
SUG	2152/01	Energy managers	Science	X								
SUG	2152/02	Environmental and geo-environmental engineers	Engineering and Technology	X								
SUG	2152/03	Environmental consultants	Science	X								
SUG	2152/04	Environmental scientists	Science	X								
SUG	2152/05	Sustainability officers	Science	X								
SUG	2152/99	Environmental professionals n.e.c.	Science	X								
UG	2161	Research and development (R&D) managers	Engineering and Technology	X						Expert	X	Core engineering
SUG	2161/01	Laboratory managers	Science	X								
SUG	2161/02	Research and development (R&D) design managers	Engineering and Technology	X								
SUG	2161/99	Research and development (R&D) managers n.e.c.	Engineering and Technology	X								
UG	2162	Other researchers, unspecified discipline	Science	X						Expert	X	
SUG	2162/00	Other researchers, unspecified discipline	Science	X								
UG	2211	Generalist medical practitioners	Medicine & Health	X						Expert	X	
SUG	2211/01	General practitioners	Medicine & Health	X								
SUG	2211/02	Public health doctors	Medicine & Health	X								
SUG	2211/99	Generalist medical practitioners n.e.c.	Medicine & Health	X								
UG	2212	Specialist medical practitioners	Medicine & Health	X						Expert	X	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2212/01	Anaesthetists	Medicine & Health	X								
SUG	2212/02	Cardiologists	Medicine & Health	X								
SUG	2212/03	Dermatologists	Medicine & Health	X								
SUG	2212/04	Gastroenterologists	Medicine & Health	X								
SUG	2212/05	Gynaecologists and obstetricians	Medicine & Health	X								
SUG	2212/06	Haematologists	Medicine & Health	X								
SUG	2212/07	Homeopaths (medically qualified)	Medicine & Health	X								
SUG	2212/08	Neurologists	Medicine & Health	X								
SUG	2212/09	Oncologists	Medicine & Health	X								
SUG	2212/10	Paediatricians	Medicine & Health	X								
SUG	2212/11	Psychiatrists	Medicine & Health	X								
SUG	2212/12	Radiologists (medically qualified)	Medicine & Health	X								
SUG	2212/13	Rheumatologists	Medicine & Health	X								
SUG	2212/14	Surgeons	Medicine & Health	X								
SUG	2212/99	Specialist medical practitioners n.e.c.	Medicine & Health	X								
UG	2221	Physiotherapists	Medicine & Health	X					Expert	X		
SUG	2221/00	Physiotherapists	Medicine & Health	X								
UG	2222	Occupational therapists	Medicine & Health	X					Expert	X		
SUG	2222/00	Occupational therapists	Medicine & Health	X								
UG	2223	Speech and language therapists	Medicine & Health	X					Expert	X		
SUG	2223/00	Speech and language therapists	Medicine & Health	X								
UG	2224	Psychotherapists and cognitive behaviour therapists	Medicine & Health	X					Expert	X		
SUG	2224/01	Cognitive behavioural therapists	Medicine & Health	X								

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2224/02	Psychotherapists	Medicine & Health	X								
SUG	2224/99	Psychotherapists and cognitive behaviour therapists n.e.c.	Medicine & Health	X								
UG	2225	Clinical psychologists	Science	X					Expert	X		
SUG	2225/00	Clinical psychologists	Science	X								
UG	2226	Other psychologists	Science	X					Expert	X		
SUG	2226/01	Counselling psychologists	Science	X								
SUG	2226/02	Educational psychologists	Science	X								
SUG	2226/03	Forensic psychologists	Science	X								
SUG	2226/04	Health psychologists	Science	X								
SUG	2226/05	Occupational psychologists	Science	X								
SUG	2226/06	Research psychologists	Science	X								
SUG	2226/07	Sports psychologists	Science	X								
SUG	2226/99	Other psychologists n.e.c.	Science	X								
UG	2229	Therapy professionals n.e.c.	Medicine & Health	X					Expert	X		
SUG	2229/01	Acupuncturists	Medicine & Health	X								
SUG	2229/02	Art therapists	Medicine & Health	X								
SUG	2229/03	Chiropractors and osteopaths	Medicine & Health	X								
SUG	2229/04	Drama therapists	Medicine & Health	X								
SUG	2229/05	Music therapists	Medicine & Health	X								
SUG	2229/06	Nutritionists	Medicine & Health	X								
SUG	2229/07	Orthoptists	Medicine & Health	X								
SUG	2229/08	Play therapists	Medicine & Health	X								
SUG	2229/09	Psychological wellbeing practitioners	Medicine & Health	X								

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2229/10	Sports therapists	Medicine & Health	X								
SUG	2229/99	Therapy professionals n.e.c.	Medicine & Health	X								
UG	2231	Midwifery nurses	Medicine & Health	X					Expert	X		
SUG	2231/00	Midwifery nurses	Medicine & Health	X								
UG	2232	Registered community nurses	Medicine & Health	X					Expert	X		
SUG	2232/01	Learning disability community nurses	Medicine & Health	X								
SUG	2232/99	Community nurses n.e.c.	Medicine & Health	X								
UG	2233	Registered specialist nurses	Medicine & Health	X					Expert	X		
SUG	2233/01	Diabetes specialist nurses	Medicine & Health	X								
SUG	2233/02	Intensive care nurses	Medicine & Health	X								
SUG	2233/03	Theatre nurses	Medicine & Health	X								
SUG	2233/99	Specialist nurses n.e.c.	Medicine & Health	X								
UG	2234	Registered nurse practitioners	Medicine & Health	X					Expert	X		
SUG	2234/01	Mental health nurse practitioners	Medicine & Health	X								
SUG	2234/99	Nurse practitioners n.e.c.	Medicine & Health	X								
UG	2235	Registered mental health nurses	Medicine & Health	X					Expert	X		
SUG	2235/00	Registered mental health nurses	Medicine & Health	X								
UG	2236	Registered children's nurses	Medicine & Health	X					Expert	X		
SUG	2236/01	Neonatal nurses	Medicine & Health	X								
SUG	2236/02	Paediatric nurses	Medicine & Health	X								
SUG	2236/03	School nurses	Medicine & Health	X								
UG	2237	Other registered nursing professionals	Medicine & Health	X					Expert	X		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2237/00	Other registered nursing professionals	Medicine & Health	X								
UG	2240	Veterinarians	Medicine & Health	X					Expert	X		
SUG	2240/00	Veterinarians	Medicine & Health	X								
UG	2251	Pharmacists	Medicine & Health	X					Expert	X		
SUG	2251/00	Pharmacists	Medicine & Health	X								
UG	2252	Optometrists	Medicine & Health	X					Expert	X		
SUG	2252/00	Optometrists	Medicine & Health	X								
UG	2253	Dental practitioners	Medicine & Health	X					Expert	X		
SUG	2253/01	Dentists and dental surgeons	Medicine & Health	X								
SUG	2253/02	Endodontists	Medicine & Health	X								
SUG	2253/03	Orthodontists	Medicine & Health	X								
SUG	2253/04	Periodontists	Medicine & Health	X								
SUG	2253/99	Dental practitioners n.e.c.	Medicine & Health	X								
UG	2254	Medical radiographers	Medicine & Health	X					Expert	X		
SUG	2254/01	Diagnostic radiographers and sonographers	Medicine & Health	X								
SUG	2254/02	Therapeutic radiographers	Medicine & Health	X								
SUG	2254/03	Vascular scientists	Medicine & Health	X								
SUG	2254/99	Medical radiographers n.e.c.	Medicine & Health	X								
UG	2255	Paramedics	Medicine & Health	X					Expert	X		
SUG	2255/00	Paramedics	Medicine & Health	X								
UG	2256	Podiatrists	Medicine & Health	X					Expert	X		
SUG	2256/00	Podiatrists	Medicine & Health	X								
UG	2259	Other health professionals n.e.c.	Medicine & Health	X					Expert	X		

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2259/01	Audiologists	Medicine & Health	X								
SUG	2259/02	Cardiac physiologists	Medicine & Health	X								
SUG	2259/03	Dietitians	Medicine & Health	X								
SUG	2259/04	Health promotion officers	Medicine & Health	X								
SUG	2259/05	Medical physicists and nuclear medicine scientists	Medicine & Health	X								
SUG	2259/06	Mental health workers	Medicine & Health	X								
SUG	2259/07	Occupational health advisers	Medicine & Health	X								
SUG	2259/08	Operating department practitioners	Medicine & Health	X								
SUG	2259/09	Orthotists and prosthetists	Medicine & Health	X								
SUG	2259/10	Respiratory physiologists	Medicine & Health	X								
SUG	2259/11	Sexual health advisers	Medicine & Health	X								
SUG	2259/99	Other health professionals n.e.c.	Medicine & Health	X								
UG	2311	Higher education teaching professionals	STEMM-M&H-related*		X					Expert		
SUG	2311/00	Higher education teaching professionals	STEMM-M&H-related*		X							
UG	2312	Further education teaching professionals	STEMM-M&H-related*		X					Expert		
SUG	2312/00	Further education teaching professionals	STEMM-M&H-related*		X							
UG	2313	Secondary education teaching professionals	STEMM-M&H-related*		X					Expert		
SUG	2313/01	Teachers of art	Not STEMM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2313/02	Teachers of biology	Science	X								
SUG	2313/03	Teachers of chemistry	Science	X								
SUG	2313/04	Teachers of design technology	Engineering and Technology	X								
SUG	2313/05	Teachers of drama	Not STEM-M&H			X						
SUG	2313/06	Teachers of economics	Mathematics	X								
SUG	2313/07	Teachers of English	Not STEM-M&H			X						
SUG	2313/08	Teachers of geography	Science	X								
SUG	2313/09	Teachers of history	Not STEM-M&H			X						
SUG	2313/10	Teachers of ICT and computer science	Engineering and Technology	X								
SUG	2313/11	Teachers of mathematics	Mathematics	X								
SUG	2313/12	Teachers of modern foreign languages	Not STEM-M&H			X						
SUG	2313/13	Teachers of music	Not STEM-M&H			X						
SUG	2313/14	Teachers of physical education	Not STEM-M&H			X						
SUG	2313/15	Teachers of physics	Science	X								
SUG	2313/16	Teachers of psychology	Science	X								
SUG	2313/17	Teachers of religious education	Not STEM-M&H			X						
SUG	2313/18	Teachers of science	Science	X								
SUG	2313/19	Teachers of sociology	Science	X								
SUG	2313/20	Teachers of Welsh	Not STEM-M&H			X						
SUG	2313/99	Secondary education teaching professionals n.e.c.	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	2314	Primary education teaching professionals	Not STEM-M&H			X				Communicator		
SUG	2314/00	Primary education teaching professionals	Not STEM-M&H			X						
UG	2315	Nursery education teaching professionals	Not STEM-M&H			X				Communicator		
SUG	2315/00	Nursery education teaching professionals	Not STEM-M&H			X						
UG	2316	Special and additional needs education teaching professionals	Not STEM-M&H			X				Communicator		
SUG	2316/01	Special and additional educational needs teachers and coordinators	Not STEM-M&H			X						
SUG	2316/02	Teachers of the deaf	Not STEM-M&H			X						
SUG	2316/03	Teachers of the visually impaired	Not STEM-M&H			X						
SUG	2316/99	Special and additional needs education teaching professionals n.e.c.	Not STEM-M&H			X						
UG	2317	Teachers of English as a foreign language	Not STEM-M&H			X				Communicator		
SUG	2317/00	Teachers of English as a Foreign Language	Not STEM-M&H			X						
UG	2319	Teaching professionals n.e.c.	Not STEM-M&H			X				Expert		
SUG	2319/01	Adult education tutors	Not STEM-M&H			X						
SUG	2319/02	Dance and drama school principals and owners	Not STEM-M&H			X						
SUG	2319/03	Private music and singing teachers	Not STEM-M&H			X						



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2319/04	Private tutors	Not STEM-M&H			X						
SUG	2319/99	Teaching professionals n.e.c.	Not STEM-M&H			X						
UG	2321	Head teachers and principals	Not STEM-M&H			X			Orchestrator			
SUG	2321/01	Heads of further education establishments	Not STEM-M&H			X						
SUG	2321/02	Heads of higher education establishments	Not STEM-M&H			X						
SUG	2321/03	Heads of nursery schools	Not STEM-M&H			X						
SUG	2321/04	Heads of primary schools	Not STEM-M&H			X						
SUG	2321/05	Heads of secondary schools and sixth form colleges	Not STEM-M&H			X						
SUG	2321/06	Heads of special needs education schools	Not STEM-M&H			X						
SUG	2321/99	Head teachers and principals n.e.c.	Not STEM-M&H			X						
UG	2322	Education managers	Not STEM-M&H			X			Expert			
SUG	2322/00	Education managers	Not STEM-M&H			X						
UG	2323	Education advisers and school inspectors	Not STEM-M&H			X			Expert			
SUG	2323/01	Educational advisers	Not STEM-M&H			X						
SUG	2323/02	School inspectors	Not STEM-M&H			X						
UG	2324	Early education and childcare services managers	Not STEM-M&H			X			Orchestrator			
SUG	2324/00	Early education and childcare services managers	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	2329	Other educational professionals n.e.c	Not STEM-M&H			X				Expert		
SUG	2329/01	Bursars	Not STEM-M&H			X						
SUG	2329/02	Educational administrators	Not STEM-M&H			X						
SUG	2329/03	Examiners and markers	Not STEM-M&H			X						
SUG	2329/99	Other educational professionals n.e.c.	Not STEM-M&H			X						
UG	2411	Barristers and judges	Not STEM-M&H			X				Expert		
SUG	2411/01	Barristers and advocates	Not STEM-M&H			X						
SUG	2411/02	Judges	Not STEM-M&H			X						
SUG	2411/99	Barristers and judges n.e.c.	Not STEM-M&H			X						
UG	2412	Solicitors and lawyers	Not STEM-M&H			X				Expert		
SUG	2412/01	Commercial solicitors and lawyers	Not STEM-M&H			X						
SUG	2412/02	Criminal solicitors and lawyers	Not STEM-M&H			X						
SUG	2412/03	Family solicitors and lawyers	Not STEM-M&H			X						
SUG	2412/04	Property solicitors and lawyers	Not STEM-M&H			X						
SUG	2412/99	Solicitors and lawyers n.e.c.	Not STEM-M&H			X						
UG	2419	Legal professionals n.e.c.	Not STEM-M&H			X				Expert		
SUG	2419/01	Conveyancers	Not STEM-M&H			X						
SUG	2419/02	Litigation executives	Not STEM-M&H			X						
SUG	2419/03	Paralegals	Not STEM-M&H			X						
SUG	2419/04	Patent and trademark attorneys	Not STEM-M&H			X						
SUG	2419/99	Legal professionals n.e.c.	Not STEM-M&H			X						
UG	2421	Chartered and certified accountants	Mathematics	X						Expert	X	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2421/01	Auditors (qualified accountant)	Mathematics	X								
SUG	2421/02	Financial accountants (qualified)	Mathematics	X								
SUG	2421/03	Forensic accountants	Mathematics	X								
SUG	2421/04	Fund accountants	Mathematics	X								
SUG	2421/05	Insolvency practitioners	Mathematics	X								
SUG	2421/99	Chartered and certified accountants n.e.c.	Mathematics	X								
UG	2422	Finance and investment analysts and advisers	Mathematics related		X				Expert	X		
SUG	2422/01	Credit analysts	Mathematics related		X							
SUG	2422/02	Financial advisers and planners	Mathematics related		X							
SUG	2422/03	Financial analysts	Mathematics related		X							
SUG	2422/04	Mortgage advisers	Mathematics related		X							
SUG	2422/99	Finance and investment analysts and advisers n.e.c.	Mathematics related		X							
UG	2423	Taxation experts	Mathematics related*		X				Expert			
SUG	2423/00	Taxation experts	Mathematics related*		X							
UG	2431	Management consultants and business analysts	Mathematics related*		X				Orchestrator			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2431/01	Business analysts and consultants	Mathematics related		X							
SUG	2431/02	Management advisers and consultants	Not STEM-M&H			X						
SUG	2431/03	Risk analysts	Mathematics related		X							
SUG	2431/99	Management consultants and business analysts n.e.c.	Not STEM-M&H			X						
UG	2432	Marketing and commercial managers	Not STEM-M&H			X			Orchestrator			
SUG	2432/01	Commercial managers	Not STEM-M&H			X						
SUG	2432/02	Marketing managers	Not STEM-M&H			X						
SUG	2432/99	Marketing and commercial managers n.e.c.	Not STEM-M&H			X						
UG	2433	Actuaries, economists and statisticians	Mathematics	X					Expert	X		
SUG	2433/01	Actuaries and actuarial analysts	Mathematics	X								
SUG	2433/02	Economists	Mathematics	X								
SUG	2433/03	Mathematicians	Mathematics	X								
SUG	2433/04	Statistical data scientists	Mathematics	X								
SUG	2433/05	Statisticians	Mathematics	X								
SUG	2433/99	Actuaries, economists and statisticians n.e.c.	Mathematics	X								
UG	2434	Business and related research professionals	Mathematics related*		X				Expert	X		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2434/01	Intelligence analysts	Not STEM-M&H			X						
SUG	2434/02	Researchers in media and entertainment	Not STEM-M&H			X						
SUG	2434/99	Business and related research professionals n.e.c.	Mathematics related*		X							
UG	2435	Professional/Chartered company secretaries	Not STEM-M&H			X			Expert			
SUG	2435/00	Professional/chartered company secretaries	Not STEM-M&H			X						
UG	2439	Business, research and administrative professionals n.e.c.	Not STEM-M&H			X			Expert			
SUG	2439/01	Policy officers	Not STEM-M&H			X						
SUG	2439/99	Business, research and administrative professionals n.e.c.	Not STEM-M&H			X						
UG	2440	Business and financial project management professionals	STEM-M&H-related*		X				Orchestrator			
SUG	2440/01	Business change managers	Not STEM-M&H			X						
SUG	2440/02	Clinical trials coordinators	Science	X								
SUG	2440/03	Risk managers	Mathematics related		X							
SUG	2440/99	Business and financial project management professionals n.e.c.	Mathematics related*		X							
UG	2451	Architects	Engineering and Technology related		X				Expert	X	Related engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
SUG	2451/01	Architects	Engineering and Technology related		X							
SUG	2451/02	Landscape architects and designers	Engineering and Technology related		X							
UG	2452	Chartered architectural technologists, planning officers and consultants	Engineering and Technology related		X				Expert	X	Related engineering	
SUG	2452/01	Chartered architectural technologists	Engineering and Technology related		X							
SUG	2452/02	Town planning officers	Engineering and Technology related		X							
SUG	2452/03	Urban designers	Engineering and Technology related		X							
SUG	2452/99	Chartered architectural technologists, planning officers and consultants n.e.c.	Engineering and Technology related		X							
UG	2453	Quantity surveyors	Engineering and Technology related		X				Expert	X	Related engineering	
SUG	2453/00	Quantity surveyors	Engineering and Technology related		X							
UG	2454	Chartered surveyors	Engineering and Technology related		X				Expert	X	Related engineering	
SUG	2454/01	Building control surveyors	Engineering and Technology related		X							

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2454/02	Hydrographic surveyors	Engineering and Technology related		X							
SUG	2454/03	Land surveyors	Engineering and Technology related		X							
SUG	2454/04	Property surveyors	Engineering and Technology related		X							
SUG	2454/99	Chartered surveyors n.e.c.	Engineering and Technology related		X							
UG	2455	Construction project managers and related professionals	Engineering and Technology related		X				Expert	X	Related engineering	
SUG	2455/01	Construction managers	Engineering and Technology related		X							
SUG	2455/02	Transport planners	Engineering and Technology related		X							
SUG	2455/99	Construction project managers and related professionals n.e.c.	Engineering and Technology related		X							
UG	2461	Social workers	Not STEM-M&H			X			Expert			
SUG	2461/01	Adult social workers	Not STEM-M&H			X						
SUG	2461/02	Children, family and school social workers	Not STEM-M&H			X						
SUG	2461/03	Criminal justice social workers	Not STEM-M&H			X						
SUG	2461/04	Mental health and healthcare social workers	Not STEM-M&H			X						
SUG	2461/99	Social workers n.e.c.	Not STEM-M&H			X						
UG	2462	Probation officers	Not STEM-M&H			X			Expert			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2462/00	Probation officers	Not STEM-M&H			X						
UG	2463	Clergy	Not STEM-M&H			X			Communicator			
SUG	2463/00	Clergy	Not STEM-M&H			X						
UG	2464	Youth work professionals	Not STEM-M&H			X			Expert			
SUG	2464/00	Youth work professionals	Not STEM-M&H			X						
UG	2469	Welfare professionals n.e.c.	Not STEM-M&H			X			Expert			
SUG	2469/01	Adoption officers	Not STEM-M&H			X						
SUG	2469/02	Children and family services professionals	Not STEM-M&H			X						
SUG	2469/03	Mediators and restorative practice professionals	Not STEM-M&H			X						
SUG	2469/99	Welfare professionals n.e.c.	Not STEM-M&H			X						
UG	2471	Librarians	Not STEM-M&H			X			Expert			
SUG	2471/00	Librarians	Not STEM-M&H			X						
UG	2472	Archivists, conservators and curators	Not STEM-M&H			X			Expert			
SUG	2472/01	Archivists	Not STEM-M&H			X						
SUG	2472/02	Collection managers and curators	Not STEM-M&H			X						
SUG	2472/03	Conservators	Not STEM-M&H			X						
SUG	2472/04	Museum education officers	Not STEM-M&H			X						
SUG	2472/99	Archivists and curators n.e.c.	Not STEM-M&H			X						
UG	2481	Quality control and planning engineers	Engineering and Technology	X					Expert	X	Core engineering	
SUG	2481/01	Garment technologists	Engineering and Technology	X								



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2481/02	Planning engineers	Engineering and Technology	X								
SUG	2481/03	Quality control engineers	Engineering and Technology	X								
SUG	2481/99	Quality control and planning engineers n.e.c.	Engineering and Technology	X								
UG	2482	Quality assurance and regulatory professionals	Science	X					Expert		Core engineering	
SUG	2482/01	Compliance and regulatory professionals	Science	X								
SUG	2482/02	Quality assurance professionals	Science	X								
UG	2483	Environmental health professionals	Science	X					Expert	X		
SUG	2483/00	Environmental health professionals	Science	X								
UG	2491	Newspaper, periodical and broadcast editors	Not STEM-M&H			X			Communicator			
SUG	2491/00	Newspaper, periodical and broadcast editors	Not STEM-M&H			X						
UG	2492	Newspaper and periodical broadcast journalists and reporters	Not STEM-M&H			X			Communicator			
SUG	2492/01	Broadcast journalists	Not STEM-M&H			X						
SUG	2492/02	Newspaper journalists and reporters	Not STEM-M&H			X						
SUG	2492/99	Newspaper and periodical journalists and reporters n.e.c.	Not STEM-M&H			X						
UG	2493	Public relations professionals	Not STEM-M&H			X			Communicator			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	2493/01	Press officers	Not STEM-M&H			X						
SUG	2493/02	Public relations officers	Not STEM-M&H			X						
SUG	2493/03	Social media managers	Not STEM-M&H			X						
SUG	2493/99	Public relations professionals n.e.c.	Not STEM-M&H			X						
UG	2494	Advertising accounts managers and creative directors	Not STEM-M&H			X			Communicator			
SUG	2494/01	Advertising account managers	Not STEM-M&H			X						
SUG	2494/02	Creative directors	Not STEM-M&H			X						
SUG	2494/03	Fundraising managers	Not STEM-M&H			X						
UG	3111	Laboratory technicians	Science				X		Non-graduate	X		
SUG	3111/01	Biological laboratory technicians	Science				X					
SUG	3111/02	Chemical laboratory technicians	Science				X					
SUG	3111/03	Health physics monitors	Science				X					
SUG	3111/04	Laboratory food technicians	Science				X					
SUG	3111/05	Medical laboratory technicians	Science				X					
SUG	3111/99	Laboratory technicians n.e.c.	Science				X					
UG	3112	Electrical and electronics technicians	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	3112/01	Avionics technicians	Engineering and technology				X					
SUG	3112/99	Electrical and electronics technicians n.e.c.	Engineering and technology				X					
UG	3113	Engineering technicians	Engineering and Technology				X		Non-graduate	X	Core engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3113/01	Aerospace technicians	Engineering and technology				X					
SUG	3113/02	Wind turbine technicians	Engineering and technology				X					
SUG	3113/99	Engineering technicians n.e.c.	Engineering and technology				X					
UG	3114	Building and civil engineering technicians	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	3114/01	Building technicians	Engineering and technology				X					
SUG	3114/02	Civil engineering technicians	Engineering and technology				X					
SUG	3114/03	Surveying technicians	Engineering and technology				X					
SUG	3114/99	Building and civil engineering technicians n.e.c.	Engineering and technology				X					
UG	3115	Quality assurance technicians	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	3115/00	Quality assurance technicians	Engineering and technology				X					
UG	3116	Planning, process and production technicians	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	3116/00	Planning, process and production technicians	Engineering and technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3119	Science, engineering and production technicians n.e.c.	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	3119/01	School technicians	Engineering and technology				X					
SUG	3119/02	Textile consultants	Engineering and technology				X					
SUG	3119/99	Science, engineering and production technicians n.e.c.	Engineering and technology				X					
UG	3120	CAD, drawing and architectural technicians	Engineering and technology				X			Non-graduate	X	Core engineering/Related engineering
SUG	3120/01	Architectural technicians	Engineering and technology				X					
SUG	3120/02	BIM and CAD technicians	Engineering and technology				X					
SUG	3120/03	Cartographers	Engineering and technology				X					
SUG	3120/99	CAD, drawing and architectural technicians n.e.c.	Engineering and technology				X					
UG	3131	IT operations technicians	Engineering and Technology				X			Non-graduate	X	Related engineering
SUG	3131/01	Games testers	Engineering and technology				X					
SUG	3131/02	Network and systems administrators	Engineering and technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3131/03	Quality assurance testers	Engineering and technology				X					
SUG	3131/04	Software technicians	Engineering and technology				X					
SUG	3131/99	IT operations technicians n.e.c.	Engineering and technology				X					
UG	3132	IT user support technicians	Engineering and Technology				X			Non-graduate	X	Related engineering
SUG	3132/00	IT user support technicians	Engineering and technology				X					
UG	3133	Database administrators and web content technicians	Engineering and Technology				X			Non-graduate	X	Related engineering
SUG	3133/01	Database administrators	Engineering and technology				X					
SUG	3133/02	Web content technicians	Engineering and technology				X					
SUG	3133/99	Database administrators and web content technicians n.e.c.	Engineering and technology				X					
UG	3211	Dispensing opticians	Medicine & Health related					X		Non-graduate	X	
SUG	3211/00	Dispensing opticians	Medicine & Health related					X				
UG	3212	Pharmaceutical technicians	Medicine & Health related					X		Non-graduate	X	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3212/00	Pharmaceutical technicians	Medicine & Health related					X				
UG	3213	Medical and dental technicians	Medicine & Health related					X	Non-graduate	X		
SUG	3213/01	Cardiac technicians	Medicine & Health related					X				
SUG	3213/02	Dental hygienists	Medicine & Health related					X				
SUG	3213/03	Dental technicians	Medicine & Health related					X				
SUG	3213/04	Hearing aid dispensers	Medicine & Health related					X				
SUG	3213/05	Hearing screeners	Medicine & Health related					X				
SUG	3213/06	Nursing associates	Medicine & Health related					X				
SUG	3213/07	Orthotic and prosthetic technicians	Medicine & Health related					X				
SUG	3213/99	Medical and dental technicians n.e.c.	Medicine & Health related					X				
UG	3214	Complementary health associate professionals	Medicine & Health related					X	Non-graduate			
SUG	3214/01	Alexander technique teachers	Medicine & Health related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3214/02	Aromatherapists	Medicine & Health related					X				
SUG	3214/03	Homeopaths (excludes medically qualified)	Medicine & Health related					X				
SUG	3214/04	Hospital play specialists	Medicine & Health related					X				
SUG	3214/05	Hypnotherapists	Medicine & Health related					X				
SUG	3214/06	Massage therapists	Medicine & Health related					X				
SUG	3214/07	Reflexologists	Medicine & Health related					X				
SUG	3214/08	Reiki healers	Medicine & Health related					X				
SUG	3214/99	Complementary health associate professionals n.e.c.	Medicine & Health related					X				
UG	3219	Health associate professionals n.e.c.	Medicine & Health related		X					Expert		
SUG	3219/01	Antenatal teachers	Medicine & Health related		X							
SUG	3219/02	Dietetic assistants	Medicine & Health related		X							
SUG	3219/03	Equine dentists	Medicine & Health related		X							

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3219/04	Foot health practitioners (excludes podiatrists)	Medicine & Health related		X							
SUG	3219/05	Health trainers	Medicine & Health related		X							
SUG	3219/06	Home economists	Medicine & Health related		X							
SUG	3219/99	Health associate professionals n.e.c.	Medicine & Health related		X							
UG	3221	Youth and community workers	Not STEM-M&H						X	Non-graduate		
SUG	3221/01	Community workers	Not STEM-M&H						X			
SUG	3221/02	Family support workers	Not STEM-M&H						X			
SUG	3221/03	Youth workers (excludes youth work professionals)	Not STEM-M&H						X			
SUG	3221/99	Youth and community workers n.e.c.	Not STEM-M&H						X			
UG	3222	Child and early years officers	Not STEM-M&H						X	Non-graduate		
SUG	3222/01	Child protection officers	Not STEM-M&H						X			
SUG	3222/02	Learning and behaviour mentors	Not STEM-M&H						X			
SUG	3222/03	Welfare and attendance officers	Not STEM-M&H						X			
SUG	3222/99	Child and early years officers n.e.c.	Not STEM-M&H						X			
UG	3223	Housing officers	Not STEM-M&H						X	Non-graduate		
SUG	3223/00	Housing officers	Not STEM-M&H						X			
UG	3224	Counsellors	Not STEM-M&H						X	Non-graduate		
SUG	3224/01	Bereavement counsellors	Not STEM-M&H						X			
SUG	3224/02	Debt advisers	Not STEM-M&H						X			



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3224/03	Life coaches	Not STEM-M&H						X			
SUG	3224/04	Relationship counsellors	Not STEM-M&H						X			
SUG	3224/05	Substance misuse counsellors	Not STEM-M&H						X			
SUG	3224/99	Counsellors n.e.c.	Not STEM-M&H						X			
UG	3229	Welfare and housing associate professionals n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	3229/01	Advocates (excludes solicitor advocates)	Not STEM-M&H						X			
SUG	3229/02	Celebrants	Not STEM-M&H						X			
SUG	3229/03	Charity workers	Not STEM-M&H						X			
SUG	3229/04	Day care officers	Not STEM-M&H						X			
SUG	3229/05	Health advisers	Not STEM-M&H						X			
SUG	3229/06	Homelessness and housing advice support workers	Not STEM-M&H						X			
SUG	3229/07	Mental health project workers	Not STEM-M&H						X			
SUG	3229/08	Probation service workers	Not STEM-M&H						X			
SUG	3229/09	Student support workers	Not STEM-M&H						X			
SUG	3229/10	Victim support workers	Not STEM-M&H						X			
SUG	3229/99	Welfare and housing associate professionals n.e.c.	Not STEM-M&H						X			
UG	3231	Higher level teaching assistants	Not STEM-M&H			X				Communicator		
SUG	3231/00	Higher level teaching assistants	Not STEM-M&H			X						
UG	3232	Early education and childcare practitioners	Not STEM-M&H			X				Communicator		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3232/00	Early education and childcare practitioners	Not STEM-M&H			X						
UG	3240	Veterinary nurses	Medicine & Health related					X	Non-graduate	X		
SUG	3240/00	Veterinary nurses	Medicine & Health related					X				
UG	3311	Non-commissioned officers and other ranks	Engineering and Technology related*					X	Non-graduate			
SUG	3311/01	Non-commissioned Army officers and others ranks	Engineering and Technology related*					X				
SUG	3311/02	Non-commissioned Royal Air Force officers and other ranks	Engineering and Technology related*					X				
SUG	3311/03	Non-commissioned Royal Navy officers and other ranks	Engineering and Technology related*					X				
SUG	3311/04	Royal Marines Commandos	Engineering and Technology related*					X				
SUG	3311/99	Non-commissioned officers and other ranks n.e.c.	Engineering and Technology related*					X				
UG	3312	Police officers (sergeant and below)	Not STEM-M&H						X	Non-graduate		
SUG	3312/01	Police constable	Not STEM-M&H						X			
SUG	3312/02	Police sergeant	Not STEM-M&H						X			
SUG	3312/99	Police officers (sergeant and below) n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3313	Fire service officers (watch manager and below)	Engineering and Technology related					X		Non-graduate		
SUG	3313/01	Firefighters	Engineering and Technology related					X				
SUG	3313/02	Fire service crew managers	Engineering and Technology related					X				
SUG	3313/03	Watch managers	Engineering and Technology related					X				
SUG	3313/99	Fire service officers (watch manager and below) n.e.c.	Engineering and Technology related					X				
UG	3314	Prison service officers (below principal officer)	Not STEM-M&H						X	Non-graduate		
SUG	3314/01	Operational support grades	Not STEM-M&H						X			
SUG	3314/02	Prison officers	Not STEM-M&H						X			
SUG	3314/99	Prison service officers (below principal officer) n.e.c.	Not STEM-M&H						X			
UG	3319	Protective service associate professionals n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	3319/01	Coastguard	Not STEM-M&H						X			
SUG	3319/02	Customs and border control officers	Not STEM-M&H						X			
SUG	3319/03	Fraud investigators (excludes benefit fraud)	Not STEM-M&H						X			
SUG	3319/04	Immigration officers	Not STEM-M&H						X			
SUG	3319/05	Private investigators	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3319/06	Security consultants and managers (excludes cyber security)	Not STEM-M&H						X			
SUG	3319/99	Protective service associate professionals n.e.c.	Not STEM-M&H						X			
UG	3411	Artists	Not STEM-M&H			X				Expert		
SUG	3411/01	Art technicians (excludes education)	Not STEM-M&H			X						
SUG	3411/02	Drawing and painting artists	Not STEM-M&H			X						
SUG	3411/03	Hand drawn animators	Not STEM-M&H			X						
SUG	3411/04	Illustrators (excludes medical and scientific)	Not STEM-M&H			X						
SUG	3411/05	Medical and scientific illustrators	Not STEM-M&H			X						
SUG	3411/06	Picture restorers	Not STEM-M&H			X						
SUG	3411/07	Sculptors	Not STEM-M&H			X						
SUG	3411/99	Artists n.e.c.	Not STEM-M&H			X						
UG	3412	Authors, writers and translators	Not STEM-M&H			X				Communicator		
SUG	3412/01	Authors	Not STEM-M&H			X						
SUG	3412/02	Bloggers	Not STEM-M&H			X						
SUG	3412/03	Copywriters	Not STEM-M&H			X						
SUG	3412/04	Literary editors	Not STEM-M&H			X						
SUG	3412/05	Poets	Not STEM-M&H			X						
SUG	3412/06	Script writers	Not STEM-M&H			X						
SUG	3412/07	Technical writers (excludes computing)	Not STEM-M&H			X						
SUG	3412/08	Translators and interpreters	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3412/99	Authors, writers and translators n.e.c.	Not STEM-M&H			X						
UG	3413	Actors, entertainers and presenters	Not STEM-M&H			X			Communicator			
SUG	3413/01	Actors	Not STEM-M&H			X						
SUG	3413/02	Broadcasters, podcasters and presenters	Not STEM-M&H			X						
SUG	3413/03	Children's entertainers	Not STEM-M&H			X						
SUG	3413/04	Comedians	Not STEM-M&H			X						
SUG	3413/05	Disc jockeys	Not STEM-M&H			X						
SUG	3413/06	Magicians	Not STEM-M&H			X						
SUG	3413/07	Models	Not STEM-M&H			X						
SUG	3413/08	Singers	Not STEM-M&H			X						
SUG	3413/09	Social media influencers	Not STEM-M&H			X						
SUG	3413/99	Actors, entertainers and presenters n.e.c.	Not STEM-M&H			X						
UG	3414	Dancers and choreographers	Not STEM-M&H			X			Expert			
SUG	3414/01	Choreographers	Not STEM-M&H			X						
SUG	3414/02	Dance teachers (excludes educational establishments)	Not STEM-M&H			X						
SUG	3414/03	Dancers	Not STEM-M&H			X						
UG	3415	Musicians	Not STEM-M&H			X			Expert			
SUG	3415/01	Composers and musical arrangers	Not STEM-M&H			X						
SUG	3415/02	Music conductors	Not STEM-M&H			X						
SUG	3415/03	Instrumentalists	Not STEM-M&H			X						
SUG	3415/99	Musicians n.e.c.	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3416	Arts officers, producers and directors	Not STEM-M&H			X				Communicator		
SUG	3416/01	Art consultants	Not STEM-M&H			X						
SUG	3416/02	Broadcasting and entertainment directors	Not STEM-M&H			X						
SUG	3416/03	Broadcasting and entertainment editors	Not STEM-M&H			X						
SUG	3416/04	Broadcasting and entertainment producers	Not STEM-M&H			X						
SUG	3416/05	Studio and stage managers	Not STEM-M&H			X						
SUG	3416/99	Arts officers, producers and directors n.e.c.	Not STEM-M&H			X						
UG	3417	Photographers, audio-visual and broadcasting equipment operators	Engineering and Technology related		X					Expert	X	
SUG	3417/01	Camera operators and videographers	Engineering and Technology related		X							
SUG	3417/02	Lighting designers	Engineering and Technology related		X							
SUG	3417/03	Photographers	Engineering and Technology related		X							
SUG	3417/04	Sound designers	Engineering and Technology related		X							
SUG	3417/05	Sound engineers	Engineering and Technology related		X							

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3417/06	Theatre technicians (excludes hospitals)	Engineering and Technology related		X							
SUG	3417/99	Photographers, audio-visual and broadcasting equipment operators n.e.c.	Engineering and Technology related		X							
UG	3421	Interior designers	Not STEM-M&H			X			Expert			
SUG	3421/00	Interior designers	Not STEM-M&H			X						
UG	3422	Clothing, fashion and accessories designers	Not STEM-M&H			X			Expert			
SUG	3422/01	Clothing and fashion consultants	Not STEM-M&H			X						
SUG	3422/02	Clothing and fashion designers	Not STEM-M&H			X						
SUG	3422/03	Footwear designers	Not STEM-M&H			X						
SUG	3422/04	Jewellery designers	Not STEM-M&H			X						
SUG	3422/05	Textile designers	Not STEM-M&H			X						
SUG	3422/99	Clothing, fashion and accessories designers n.e.c.	Not STEM-M&H			X						
UG	3429	Design occupations n.e.c.	Engineering and Technology related*		X				Expert		Related engineering	
SUG	3429/01	Industrial and product designers	Engineering and Technology related		X							
SUG	3429/02	Packaging designers	Not STEM-M&H			X						
SUG	3429/03	Performance make-up artists	Not STEM-M&H			X						
SUG	3429/04	Set designers	Not STEM-M&H			X						

Unit group / Sub Unit Group	Unit group / Sub Unit Group code	Title of the Unit Group / Sub Unit group	STEMM-M&H	Degree level			Not degree level			SOC(HE) 2020	Gatsby STEM including health	EngUK footprint 2018 (SOC2010 converted to SOC2020)
				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3429/05	Visual merchandising managers and designers	Not STEM-M&H			X						
SUG	3429/99	Design occupations n.e.c.	Engineering and Technology related*		X							
UG	3431	Sports players	Not STEM-M&H					X	Non-graduate			
SUG	3431/00	Sports players	Not STEM-M&H					X				
UG	3432	Sports coaches, instructors and officials	Not STEM-M&H					X	Non-graduate			
SUG	3432/01	Basketball coaches	Not STEM-M&H					X				
SUG	3432/02	Cricket coaches	Not STEM-M&H					X				
SUG	3432/03	Football coaches	Not STEM-M&H					X				
SUG	3432/04	Forest school practitioners	Not STEM-M&H					X				
SUG	3432/05	Golf coaches	Not STEM-M&H					X				
SUG	3432/06	Gymnastics coaches	Not STEM-M&H					X				
SUG	3432/07	Horse riding instructors	Not STEM-M&H					X				
SUG	3432/08	Martial arts instructors	Not STEM-M&H					X				
SUG	3432/09	Outdoor pursuits instructors	Not STEM-M&H					X				
SUG	3432/10	Referees, umpires and other sports officials	Not STEM-M&H					X				
SUG	3432/11	Rugby coaches	Not STEM-M&H					X				
SUG	3432/12	Sailing instructors	Not STEM-M&H					X				
SUG	3432/13	Ski instructors	Not STEM-M&H					X				
SUG	3432/14	Sports development officers	Not STEM-M&H					X				
SUG	3432/15	Swimming coaches	Not STEM-M&H					X				
SUG	3432/16	Tennis coaches	Not STEM-M&H					X				



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3432/99	Sports coaches, instructors and officials n.e.c.	Not STEM-M&H						X			
UG	3433	Fitness and wellbeing instructors	Medicine & Health related					X		Non-graduate	X	
SUG	3433/01	Group fitness instructors and personal trainers	Medicine & Health related					X				
SUG	3433/02	Pilates teachers	Medicine & Health related					X				
SUG	3433/03	Yoga teachers	Medicine & Health related					X				
SUG	3433/99	Fitness and wellbeing instructors n.e.c.	Medicine & Health related					X				
UG	3511	Aircraft pilots and air traffic controllers	Engineering and Technology related		X					Expert		Related engineering
SUG	3511/01	Airline pilots	Engineering and Technology related		X							
SUG	3511/02	Air traffic controllers	Engineering and Technology related		X							
SUG	3511/03	Flying instructors	Engineering and Technology related		X							
SUG	3511/04	Helicopter pilots	Engineering and Technology related		X							
SUG	3511/99	Aircraft pilots and air traffic controllers n.e.c.	Engineering and Technology related		X							

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3512	Ship and hovercraft officers	Engineering and Technology	X						Expert		
SUG	3512/01	Ship and hovercraft captains and deck officers (excludes armed forces and fishing)	Engineering and Technology related		X							
SUG	3512/02	Marine engineers	Engineering and Technology	X								
SUG	3512/99	Ship and hovercraft officers n.e.c.	Engineering and Technology related		X							
UG	3520	Legal associate professionals	Not STEM-M&H						X	Non-graduate		
SUG	3520/01	Conveyancing professionals	Not STEM-M&H						X			
SUG	3520/02	Cost lawyers	Not STEM-M&H						X			
SUG	3520/03	Barrister's and judge's clerks	Not STEM-M&H						X			
SUG	3520/04	Litigation officers	Not STEM-M&H						X			
SUG	3520/05	Probate officers	Not STEM-M&H						X			
SUG	3520/06	Will writers	Not STEM-M&H						X			
SUG	3520/99	Legal associate professionals n.e.c.	Not STEM-M&H						X			
UG	3531	Brokers	Mathematics related		X					Expert	X	
SUG	3531/01	Commodity brokers and traders	Mathematics related		X							
SUG	3531/02	Insurance and mortgage brokers	Mathematics related		X							
SUG	3531/03	Shipbrokers	Mathematics related		X							

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3531/04	Stockbrokers	Mathematics related		X							
SUG	3531/99	Brokers n.e.c.	Mathematics related		X							
UG	3532	Insurance underwriters	Mathematics related		X				Expert	X		
SUG	3532/00	Insurance underwriters	Mathematics related		X							
UG	3533	Financial and accounting technicians	Mathematics related					X	Non-graduate	X		
SUG	3533/01	Accounting technicians	Mathematics related					X				
SUG	3533/02	Financial control technicians	Mathematics related					X				
SUG	3533/99	Financial and accounting technicians n.e.c.	Mathematics related					X				
UG	3534	Financial accounts managers	Not STEM-M&H						X	Non-graduate		
SUG	3534/01	Claims managers	Not STEM-M&H						X			
SUG	3534/02	Credit managers	Not STEM-M&H						X			
SUG	3534/03	Investment managers	Not STEM-M&H						X			
SUG	3534/04	Relationship managers	Not STEM-M&H						X			
SUG	3534/99	Financial accounts managers n.e.c.	Not STEM-M&H						X			
UG	3541	Estimators, valuers and assessors	Mathematics related					X	Non-graduate	X		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3541/01	Energy advisers and assessors	Mathematics related					X				
SUG	3541/02	Estimators	Mathematics related					X				
SUG	3541/03	Loss adjusters	Mathematics related					X				
SUG	3541/04	Valuers	Mathematics related					X				
SUG	3541/05	Vehicle damage assessors	Mathematics related					X				
SUG	3541/99	Estimators, valuers and assessors n.e.c.	Mathematics related					X				
UG	3542	Importers and exporters	Not STEM-M&H						X	Non-graduate		
SUG	3542/00	Importers and exporters	Not STEM-M&H						X			
UG	3543	Project support officers	Not STEM-M&H						X	Non-graduate		
SUG	3543/00	Project support officers	Not STEM-M&H						X			
UG	3544	Data analysts	Mathematics related		X					Expert	X	
SUG	3544/00	Data analysts	Mathematics related		X							
UG	3549	Business associate professionals n.e.c.	Not STEM-M&H			X				Expert		
SUG	3549/01	Business support officers	Not STEM-M&H			X						
SUG	3549/02	Business systems analysts	Not STEM-M&H			X						
SUG	3549/03	Contract administrators	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3549/04	Clinical coders	Not STEM-M&H			X						
SUG	3549/05	Clinical trials administrators	Not STEM-M&H			X						
SUG	3549/06	Research coordinators	Not STEM-M&H			X						
SUG	3549/99	Business associate professionals n.e.c.	Not STEM-M&H			X						
UG	3551	Buyers and procurement officers	Not STEM-M&H			X			Communicator			
SUG	3551/00	Buyers and procurement officers	Not STEM-M&H			X						
UG	3552	Business sales executives	Not STEM-M&H			X			Communicator			
SUG	3552/00	Business sales executives	Not STEM-M&H			X						
UG	3553	Merchandisers	Not STEM-M&H					X	Non-graduate			
SUG	3553/00	Merchandisers	Not STEM-M&H					X				
UG	3554	Advertising and marketing associate professionals	Not STEM-M&H			X			Communicator			
SUG	3554/01	Advertising and marketing executives	Not STEM-M&H			X						
SUG	3554/02	Fundraisers	Not STEM-M&H			X						
SUG	3554/03	Market researchers (excludes interviewers)	Not STEM-M&H			X						
SUG	3554/99	Marketing associate professionals n.e.c.	Not STEM-M&H			X						
UG	3555	Estate agents and auctioneers	Not STEM-M&H					X	Non-graduate			
SUG	3555/01	Estate agents	Not STEM-M&H					X				
SUG	3555/02	Land and property auctioneers and valuers	Not STEM-M&H					X				
SUG	3555/03	Letting agents	Not STEM-M&H					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3555/99	Estate agents and auctioneers n.e.c	Not STEM-M&H						X			
UG	3556	Sales accounts and business development managers	Not STEM-M&H			X				Communicator		
SUG	3556/01	Brand managers	Not STEM-M&H			X						
SUG	3556/02	Business development managers	Not STEM-M&H			X						
SUG	3556/03	Sales account managers	Not STEM-M&H			X						
SUG	3556/99	Sales accounts and business development managers n.e.c.	Not STEM-M&H			X						
UG	3557	Events managers and organisers	Not STEM-M&H			X				Communicator		
SUG	3557/01	Conference managers and organisers	Not STEM-M&H			X						
SUG	3557/02	Exhibition managers and organisers	Not STEM-M&H			X						
SUG	3557/03	Festival managers and organisers	Not STEM-M&H			X						
SUG	3557/04	Hospitality managers	Not STEM-M&H			X						
SUG	3557/05	Wedding planners and organisers	Not STEM-M&H			X						
SUG	3557/99	Event managers and organisers n.e.c.	Not STEM-M&H			X						
UG	3560	Public services associate professionals	Not STEM-M&H			X				Expert		
SUG	3560/01	Electoral services officers	Not STEM-M&H			X						
SUG	3560/02	Health service administrators	Not STEM-M&H			X						
SUG	3560/03	Job Centre officers	Not STEM-M&H			X						
SUG	3560/04	Waste management officers	Not STEM-M&H			X						
SUG	3560/99	Public services associate professionals n.e.c.	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3571	Human resources and industrial relations officers	Not STEM-M&H			X				Expert		
SUG	3571/01	Equality and diversity officers	Not STEM-M&H			X						
SUG	3571/02	Human resources advisers	Not STEM-M&H			X						
SUG	3571/03	Recruitment consultants	Not STEM-M&H			X						
SUG	3571/99	Human resources and industrial relations officers n.e.c.	Not STEM-M&H			X						
UG	3572	Careers advisers and vocational guidance specialists	Not STEM-M&H			X				Expert		
SUG	3572/01	Careers advisers and coaches	Not STEM-M&H			X						
SUG	3572/02	Work placement officers	Not STEM-M&H			X						
SUG	3572/99	Careers advisers and vocational guidance specialists n.e.c.	Not STEM-M&H			X						
UG	3573	Information technology trainers	Engineering and Technology	X						Expert	X	
SUG	3573/00	Information technology trainers	Engineering and technology	X								
UG	3574	Other vocational and industrial trainers	Not STEM-M&H			X				Communicator		
SUG	3574/01	Business coaches	Not STEM-M&H			X						
SUG	3574/02	Retail and store trainers	Not STEM-M&H			X						
SUG	3574/03	Training assessors	Not STEM-M&H			X						
SUG	3574/99	Other vocational and industrial trainers n.e.c.	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	3581	Inspectors of standards and regulations	Engineering and Technology related*		X					Expert		Core engineering
SUG	3581/01	Animal health inspectors and officers	Engineering and Technology related		X							
SUG	3581/02	Building control officers	Engineering and Technology related		X							
SUG	3581/03	Driving examiners	Not STEM-M&H			X						
SUG	3581/04	Health and safety inspectors	Engineering and Technology related		X							
SUG	3581/05	Housing and planning inspectors	Engineering and Technology related		X							
SUG	3581/06	Licensing officers	Not STEM-M&H			X						
SUG	3581/07	Meat hygiene inspectors	Engineering and Technology related		X							
SUG	3581/08	Nuclear safety inspectors	Engineering and Technology related		X							
SUG	3581/09	Trading standards officers	Not STEM-M&H			X						
SUG	3581/10	Traffic and vehicle examiners and inspectors	Engineering and Technology related		X							
SUG	3581/99	Inspectors of standards and regulations n.e.c.	Not STEM-M&H			X						
UG	3582	Health and safety managers and officers	Engineering and Technology related					X		Non-graduate		
SUG	3582/01	Asbestos safety officers	Engineering and Technology related					X				



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	3582/02	Fire safety managers and officers	Engineering and Technology related					X				
SUG	3582/03	Occupational health managers and officers	Engineering and Technology related					X				
SUG	3582/04	Road traffic and transport safety officers	Engineering and Technology related					X				
SUG	3582/99	Health and safety managers and officers n.e.c.	Engineering and Technology related					X				
UG	4111	National government administrative occupations	Not STEM-M&H			X				Orchestrator		
SUG	4111/01	National government benefits officers	Not STEM-M&H			X						
SUG	4111/02	National government revenue officers	Not STEM-M&H			X						
SUG	4111/03	Passport officers	Not STEM-M&H			X						
SUG	4111/99	National government administrative occupations n.e.c.	Not STEM-M&H			X						
UG	4112	Local government administrative occupations	Not STEM-M&H			X				Orchestrator		
SUG	4112/01	Local government benefits officers	Not STEM-M&H			X						
SUG	4112/02	Local government housing assistants	Not STEM-M&H			X						
SUG	4112/03	Local government revenue officers	Not STEM-M&H			X						
SUG	4112/04	Parish clerks	Not STEM-M&H			X						

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	4112/99	Local government administrative occupations n.e.c.	Not STEM-M&H			X						
UG	4113	Officers of non-governmental organisations	Not STEM-M&H						X	Non-graduate		
SUG	4113/01	Charity administrators	Not STEM-M&H						X			
SUG	4113/02	Clerks to governors	Not STEM-M&H						X			
SUG	4113/03	Union officials	Not STEM-M&H						X			
SUG	4113/99	Officers of non-governmental organisations n.e.c.	Not STEM-M&H						X			
UG	4121	Credit controllers	Mathematics related					X		Non-graduate	X	
SUG	4121/00	Credit controllers	Mathematics related					X				
UG	4122	Book-keepers, payroll managers and wages clerks	Mathematics related					X		Non-graduate	X	
SUG	4122/01	Accounting clerks and bookkeepers	Mathematics related					X				
SUG	4122/02	Payroll officers and wages clerks	Mathematics related					X				
SUG	4122/99	Bookkeepers, payroll managers and wage clerks n.e.c.	Mathematics related					X				
UG	4123	Bank and post office clerks	Not STEM-M&H						X	Non-graduate		
SUG	4123/01	Bank and building society clerks	Not STEM-M&H						X			
SUG	4123/02	Post office clerks	Not STEM-M&H						X			
SUG	4123/99	Bank and post office clerks n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	4124	Finance officers	Mathematics related					X		Non-graduate	X	
SUG	4124/00	Finance officers	Mathematics related					X				
UG	4129	Financial administrative occupations n.e.c.	Mathematics related					X		Non-graduate	X	
SUG	4129/01	Box office assistants	Mathematics related					X				
SUG	4129/02	Grants officers	Mathematics related					X				
SUG	4129/03	Mortgage administrators	Mathematics related					X				
SUG	4129/04	Revenue assistants (excludes National and Local government revenue occupations)	Mathematics related					X				
SUG	4129/05	Treasury assistants	Mathematics related					X				
SUG	4129/99	Finance administrative occupations n.e.c.	Mathematics related					X				
UG	4131	Records clerks and assistants	Not STEM-M&H						X	Non-graduate		
SUG	4131/01	Admissions officers	Not STEM-M&H						X			
SUG	4131/02	Court officers	Not STEM-M&H						X			
SUG	4131/03	Enumerators	Not STEM-M&H						X			
SUG	4131/04	Examinations officers	Not STEM-M&H						X			
SUG	4131/05	Indexers (excludes bookbinding)	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	4131/06	Medical administrators and appointment clerks	Not STEM-M&H						X			
SUG	4131/07	Purchasing administrators	Not STEM-M&H						X			
SUG	4131/99	Records clerks and assistants n.e.c.	Not STEM-M&H						X			
UG	4132	Pensions and insurance clerks and assistants	Not STEM-M&H						X	Non-graduate		
SUG	4132/01	Claims handlers	Not STEM-M&H						X			
SUG	4132/02	Insurance administrators	Not STEM-M&H						X			
SUG	4132/03	Pensions administrators	Not STEM-M&H						X			
SUG	4132/99	Pensions and insurance clerks and assistants n.e.c.	Not STEM-M&H						X			
UG	4133	Stock control clerks and assistants	Not STEM-M&H						X	Non-graduate		
SUG	4133/00	Stock control clerks and assistants	Not STEM-M&H						X			
UG	4134	Transport and distribution clerks and assistants	Not STEM-M&H						X	Non-graduate		
SUG	4134/00	Transport and distribution clerks and assistants	Not STEM-M&H						X			
UG	4135	Library clerks and assistants	Not STEM-M&H						X	Non-graduate		
SUG	4135/00	Library clerks and assistants	Not STEM-M&H						X			
UG	4136	Human resources administrative occupations	Not STEM-M&H						X	Non-graduate		
SUG	4136/01	Recruitment administrators	Not STEM-M&H						X			
SUG	4136/02	Training administrators	Not STEM-M&H						X			
SUG	4136/99	Human resources administrative occupations n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	4141	Office managers	Not STEM-M&H						X	Non-graduate		
SUG	4141/00	Office managers	Not STEM-M&H						X			
UG	4142	Office supervisors	Not STEM-M&H						X	Non-graduate		
SUG	4142/00	Office supervisors	Not STEM-M&H						X			
UG	4143	Customer service managers	Not STEM-M&H						X	Non-graduate		
SUG	4143/01	Call centre managers	Not STEM-M&H						X			
SUG	4143/99	Customer service managers n.e.c.	Not STEM-M&H						X			
UG	4151	Sales administrators	Not STEM-M&H						X	Non-graduate		
SUG	4151/00	Sales administrators	Not STEM-M&H						X			
UG	4152	Data entry administrators	Not STEM-M&H						X	Non-graduate		
SUG	4152/00	Data entry administrators	Not STEM-M&H						X			
UG	4159	Other administrative occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	4159/01	Business administrators	Not STEM-M&H						X			
SUG	4159/02	Church administrators	Not STEM-M&H						X			
SUG	4159/03	Facilities coordinators	Not STEM-M&H						X			
SUG	4159/04	Proofreaders	Not STEM-M&H						X			
SUG	4159/05	Property administrators	Not STEM-M&H						X			
SUG	4159/06	Warranty administrators	Not STEM-M&H						X			
SUG	4159/99	Other administrative occupations n.e.c.	Not STEM-M&H						X			
UG	4211	Medical secretaries	Not STEM-M&H						X	Non-graduate		
SUG	4211/00	Medical secretaries	Not STEM-M&H						X			
UG	4212	Legal secretaries	Not STEM-M&H						X	Non-graduate		
SUG	4212/00	Legal secretaries	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	4213	School secretaries	Not STEM-M&H						X	Non-graduate		
SUG	4213/00	School secretaries	Not STEM-M&H						X			
UG	4214	Company secretaries and administrators	Not STEM-M&H						X	Non-graduate		
SUG	4214/00	Company secretaries and administrators	Not STEM-M&H						X			
UG	4215	Personal assistants and other secretaries	Not STEM-M&H						X	Non-graduate		
SUG	4215/01	Farm secretaries	Not STEM-M&H						X			
SUG	4215/02	Personal assistants (excludes care workers)	Not STEM-M&H						X			
SUG	4215/99	Personal assistants and other secretaries n.e.c.	Not STEM-M&H						X			
UG	4216	Receptionists	Not STEM-M&H						X	Non-graduate		
SUG	4216/00	Receptionists	Not STEM-M&H						X			
UG	4217	Typists and related keyboard occupations	Not STEM-M&H						X	Non-graduate		
SUG	4217/01	Stenographers	Not STEM-M&H						X			
SUG	4217/02	Transcribers	Not STEM-M&H						X			
SUG	4217/03	Typists	Not STEM-M&H						X			
SUG	4217/99	Typists and related keyboard occupations n.e.c.	Not STEM-M&H						X			
UG	5111	Farmers	Not STEM-M&H						X	Non-graduate	X	
SUG	5111/01	Agricultural contractors	Not STEM-M&H						X			
SUG	5111/02	Aquaculture farmers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5111/03	Arable farmers	Not STEM-M&H						X			
SUG	5111/04	Dairy farmers	Not STEM-M&H						X			
SUG	5111/05	Livestock farmers	Not STEM-M&H						X			
SUG	5111/06	Poultry farmers	Not STEM-M&H						X			
SUG	5111/99	Farmers n.e.c.	Not STEM-M&H						X			
UG	5112	Horticultural trades	Not STEM-M&H						X	Non-graduate	X	
SUG	5112/00	Horticultural trades	Not STEM-M&H						X			
UG	5113	Gardeners and landscape gardeners	Not STEM-M&H						X	Non-graduate		
SUG	5113/01	Garden designers	Not STEM-M&H						X			
SUG	5113/02	Gardeners (excludes horticultural/market gardening)	Not STEM-M&H						X			
SUG	5113/03	Green roof installers	Not STEM-M&H						X			
SUG	5113/04	Landscape gardeners	Not STEM-M&H						X			
SUG	5113/99	Gardeners and landscape gardeners n.e.c.	Not STEM-M&H						X			
UG	5114	Groundsmen and greenkeepers	Not STEM-M&H						X	Non-graduate		
SUG	5114/00	Groundsmen and greenkeepers	Not STEM-M&H						X			
UG	5119	Agricultural and fishing trades n.e.c.	Not STEM-M&H						X	Non-graduate	X	
SUG	5119/01	Arborists	Not STEM-M&H						X			
SUG	5119/02	Beekeepers	Not STEM-M&H						X			
SUG	5119/03	Countryside and park officers and rangers	Not STEM-M&H						X			
SUG	5119/04	Falconers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5119/05	Fish and river keepers	Not STEM-M&H						X			
SUG	5119/06	Fishers	Not STEM-M&H						X			
SUG	5119/07	Gamekeepers	Not STEM-M&H						X			
SUG	5119/99	Agricultural and fishing trades n.e.c.	Not STEM-M&H						X			
UG	5211	Sheet metal workers	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5211/01	Metal fabricators and finishers	Engineering and Technology				X					
SUG	5211/02	Panel beaters (excludes vehicles)	Engineering and Technology				X					
SUG	5211/03	Whitesmiths	Engineering and Technology				X					
SUG	5211/99	Sheet metal workers n.e.c.	Engineering and Technology				X					
UG	5212	Metal plate workers, smiths, moulders and related occupations	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5212/01	Die casters	Engineering and Technology				X					
SUG	5212/02	Farriers	Engineering and Technology				X					
SUG	5212/03	Moulders, mould makers and core makers	Engineering and Technology				X					
SUG	5212/04	Smiths	Engineering and Technology				X					



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5212/99	Metal plate workers, smiths, moulders and related occupations n.e.c.	Engineering and Technology				X					
UG	5213	Welding trades	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5213/01	Braziers and solderers	Engineering and Technology				X					
SUG	5213/02	Pipe welders	Engineering and Technology				X					
SUG	5213/03	Plate welders	Engineering and Technology				X					
SUG	5213/99	Welding trades n.e.c.	Engineering and Technology				X					
UG	5214	Pipe fitters	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5214/00	Pipe fitters	Engineering and Technology				X					
UG	5221	Metal machining setters and setter-operators	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5221/01	Computer numerical control (CNC) machine setters and setter-operators	Engineering and Technology				X					
SUG	5221/99	Metal machining setters and setter-operators n.e.c.	Engineering and Technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5222	Tool makers, tool fitters and markers-out	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5222/01	Tool fitters	Engineering and Technology				X					
SUG	5222/02	Tool makers	Engineering and Technology				X					
SUG	5222/99	Tool makers, tool fitters and markers-out n.e.c.	Engineering and Technology				X					
UG	5223	Metal working production and maintenance fitters	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5223/01	Automation maintenance technicians	Engineering and Technology				X					
SUG	5223/02	Bicycle mechanics	Engineering and Technology				X					
SUG	5223/03	Catering equipment technicians	Engineering and Technology				X					
SUG	5223/04	Door fitters and makers	Engineering and Technology				X					
SUG	5223/05	Gunsmiths	Engineering and Technology				X					
SUG	5223/06	Heavy plant maintenance technicians	Engineering and Technology				X					
SUG	5223/07	Hydraulic technicians	Engineering and Technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5223/08	Lift technicians	Engineering and Technology				X					
SUG	5223/09	Locksmiths	Engineering and Technology				X					
SUG	5223/10	Pump technicians	Engineering and Technology				X					
SUG	5223/11	Textile machine technicians	Engineering and Technology				X					
SUG	5223/12	Turbine fitters	Engineering and Technology				X					
SUG	5223/99	Metal working production and maintenance fitters n.e.c.	Engineering and Technology				X					
UG	5224	Precision instrument makers and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5224/01	Calibration and precision instrument technicians	Engineering and Technology				X					
SUG	5224/02	Camera and photographic equipment technicians	Engineering and Technology				X					
SUG	5224/03	Horologists, watch makers and repairers	Engineering and Technology				X					
SUG	5224/04	Optical technicians	Engineering and Technology				X					
SUG	5224/99	Precision instrument makers and repairers n.e.c.	Engineering and Technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5225	Air-conditioning and refrigeration installers and repairers	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5225/00	Air-conditioning and refrigeration installers and repairers	Engineering and Technology				X					
UG	5231	Vehicle technicians, mechanics and electricians	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5231/01	Auto electricians	Engineering and Technology				X					
SUG	5231/02	Car/light vehicle technicians	Engineering and Technology				X					
SUG	5231/03	Heavy and large vehicle technicians	Engineering and Technology				X					
SUG	5231/04	Motorcycle technicians	Engineering and Technology				X					
SUG	5231/05	Motorsport technicians	Engineering and Technology				X					
SUG	5231/06	MOT testers	Engineering and Technology				X					
SUG	5231/07	Roadside assistance technicians	Engineering and Technology				X					
SUG	5231/99	Vehicle technicians, mechanics and electricians n.e.c.	Engineering and Technology				X					
UG	5232	Vehicle body builders and repairers	Engineering and Technology				X			Non-graduate	X	Core engineering

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5232/00	Vehicle body builders and repairers	Engineering and Technology				X					
UG	5233	Vehicle paint technicians	Engineering and Technology related					X	Non-graduate	X	Related engineering	
SUG	5233/00	Vehicle paint technicians	Engineering and Technology related					X				
UG	5234	Aircraft maintenance and related trades	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5234/00	Aircraft maintenance and related trades	Engineering and Technology				X					
UG	5235	Boat and ship builders and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5235/00	Boat and ship builders and repairers	Engineering and Technology				X					
UG	5236	Rail and rolling stock builders and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5236/00	Rail and rolling stock builders and repairers	Engineering and Technology				X					
UG	5241	Electricians and electrical fitters	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5241/01	Electric vehicle charging point installers	Engineering and Technology				X					
SUG	5241/02	Electro-mechanical technicians	Engineering and Technology				X					

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5241/03	Installation and maintenance electricians	Engineering and Technology				X					
SUG	5241/04	Smart energy experts	Engineering and Technology				X					
SUG	5241/05	Solar panel installers	Engineering and Technology				X					
SUG	5241/06	Street lighting electrician	Engineering and Technology				X					
SUG	5241/99	Electricians and electrical fitters n.e.c.	Engineering and Technology				X					
UG	5242	Telecoms and related network installers and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5242/00	Telecoms and related network installers and repairers	Engineering and Technology				X					
UG	5243	TV, video and audio servicers and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5243/00	TV, video and audio servicers and repairers	Engineering and Technology				X					
UG	5244	Computer system and equipment installers and servicers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5244/00	Computer system and equipment installers and servicers	Engineering and Technology				X					
UG	5245	Security system installers and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5245/00	Security system installers and repairers	Engineering and Technology				X					
UG	5246	Electrical service and maintenance mechanics and repairers	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5246/00	Electrical service and maintenance mechanics and repairers	Engineering and Technology				X					
UG	5249	Electrical and electronic trades n.e.c.	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5249/01	Broadcast and communications technicians	Engineering and Technology				X					
SUG	5249/02	Overhead line workers	Engineering and Technology				X					
SUG	5249/03	Signal workers	Engineering and Technology				X					
SUG	5249/99	Electrical and electronic trades n.e.c.	Engineering and Technology				X					
UG	5250	Skilled metal, electrical and electronic trades supervisors	Engineering and Technology				X			Non-graduate	X	Core engineering
SUG	5250/00	Skilled metal, electrical and electronic trades supervisors	Engineering and Technology				X					
UG	5311	Steel erectors	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	5311/00	Steel erectors	Engineering and Technology related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5312	Stonemasons and related trades	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	5312/01	Dry stone wallers	Engineering and Technology related					X				
SUG	5312/02	Monumental masons	Engineering and Technology related					X				
SUG	5312/03	Stonemasons	Engineering and Technology related					X				
SUG	5312/99	Stonemasons and related trades n.e.c.	Engineering and Technology related					X				
UG	5313	Bricklayers	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	5313/00	Bricklayers	Engineering and Technology related					X				
UG	5314	Roofers, roof tilers and slaters	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	5314/01	Felt and flat roofers	Engineering and Technology related					X				
SUG	5314/02	Sheeters and cladders	Engineering and Technology related					X				
SUG	5314/03	Thatchers	Engineering and Technology related					X				
SUG	5314/04	Tilers and slaters	Engineering and Technology related					X				



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5314/99	Roofers, roof tilers and slaters n.e.c.	Engineering and Technology related					X				
UG	5315	Plumbers and heating and ventilating installers and repairers	Engineering and Technology				X		Non-graduate	X	Core engineering	
SUG	5315/00	Plumbers and heating and ventilation installers and repairers	Engineering and Technology				X					
UG	5316	Carpenters and joiners	Engineering and Technology related					X	Non-graduate		Related engineering	
SUG	5316/01	Kitchen and bedroom fitters	Engineering and Technology related					X				
SUG	5316/02	Carpenters	Engineering and Technology related					X				
SUG	5316/03	Joiners	Engineering and Technology related					X				
SUG	5316/99	Carpenters and joiners n.e.c.	Engineering and Technology related					X				
UG	5317	Glaziers, window fabricators and fitters	Engineering and Technology related					X	Non-graduate		Related engineering	
SUG	5317/01	Glass cutters and glaziers	Engineering and Technology related					X				
SUG	5317/02	Window fabricators	Engineering and Technology related					X				
SUG	5317/03	Window fitters	Engineering and Technology related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5317/99	Glaziers, window fabricators and fitters n.e.c.	Engineering and Technology related					X				
UG	5319	Construction and building trades n.e.c.	Engineering and Technology related					X	Non-graduate		Related engineering	
SUG	5319/01	Builders	Engineering and Technology related					X				
SUG	5319/02	Divers	Engineering and Technology related					X				
SUG	5319/03	Fence erectors	Engineering and Technology related					X				
SUG	5319/04	Industrial climbers	Engineering and Technology related					X				
SUG	5319/05	Remotely Operated Vehicle (ROV) operators	Engineering and Technology related					X				
SUG	5319/06	Steel fixers and underpinners	Engineering and Technology related					X				
SUG	5319/99	Construction and building trades n.e.c.	Engineering and Technology related					X				
UG	5321	Plasterers	Not STEM-M&H					X	Non-graduate			
SUG	5321/01	Dry liners	Not STEM-M&H					X				
SUG	5321/02	Plasterers (wall and decorative)	Not STEM-M&H					X				
UG	5322	Floorers and wall tilers	Not STEM-M&H					X	Non-graduate			
SUG	5322/01	Carpet and linoleum fitters	Not STEM-M&H					X				
SUG	5322/02	Floor layers	Not STEM-M&H					X				
SUG	5322/03	Tilers	Not STEM-M&H					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5322/99	Floorers and wall tilers n.e.c.	Not STEM-M&H						X			
UG	5323	Painters and decorators	Not STEM-M&H						X	Non-graduate		
SUG	5323/00	Painters and decorators	Not STEM-M&H						X			
UG	5330	Construction and building trades supervisors	Engineering and Technology				X			Non-graduate		Core engineering
SUG	5330/01	Carpenter and joinery supervisors	Engineering and Technology				X					
SUG	5330/02	Demolition supervisors	Engineering and Technology				X					
SUG	5330/03	Painting supervisors	Engineering and Technology				X					
SUG	5330/04	Plumbing supervisors	Engineering and Technology				X					
SUG	5330/05	Road construction supervisors	Engineering and Technology				X					
SUG	5330/06	Roofing supervisors	Engineering and Technology				X					
SUG	5330/07	Scaffolding supervisors	Engineering and Technology				X					
SUG	5330/99	Construction and building trade supervisors n.e.c.	Engineering and Technology				X					
UG	5411	Upholsterers	Not STEM-M&H						X	Non-graduate		
SUG	5411/01	Curtain makers	Not STEM-M&H						X			
SUG	5411/02	Trimmers and upholsterers	Not STEM-M&H						X			
SUG	5411/99	Upholsterers n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5412	Footwear and leather working trades	Not STEM-M&H						X	Non-graduate		
SUG	5412/01	Footwear makers and repairers	Not STEM-M&H						X			
SUG	5412/02	Leather workers (excludes leather dressing)	Not STEM-M&H						X			
SUG	5412/99	Footwear and leather working trades n.e.c.	Not STEM-M&H						X			
UG	5413	Tailors and dressmakers	Not STEM-M&H						X	Non-graduate		
SUG	5413/01	Costume makers	Not STEM-M&H						X			
SUG	5413/02	Dressmakers	Not STEM-M&H						X			
SUG	5413/03	Fitters and alterations assistants	Not STEM-M&H						X			
SUG	5413/04	Kilt makers	Not STEM-M&H						X			
SUG	5413/05	Milliners (excludes wholesale, retail trade)	Not STEM-M&H						X			
SUG	5413/06	Tailors	Not STEM-M&H						X			
SUG	5413/99	Tailors and dressmakers n.e.c.	Not STEM-M&H						X			
UG	5419	Textiles, garments and related trades n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	5419/01	Embroiderers and sewers	Not STEM-M&H						X			
SUG	5419/02	Knitters	Not STEM-M&H						X			
SUG	5419/03	Sail makers	Not STEM-M&H						X			
SUG	5419/04	Weavers (excludes basket, wig and wire goods mfr)	Not STEM-M&H						X			
SUG	5419/99	Textiles, garments and related trades n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5421	Pre-press technicians	Engineering and Technology related					X		Non-graduate	X	
SUG	5421/00	Pre-press technicians	Engineering and Technology related					X				
UG	5422	Printers	Engineering and Technology related					X		Non-graduate	X	
SUG	5422/01	Digital printers	Engineering and Technology related					X				
SUG	5422/02	Flexographic printers	Engineering and Technology related					X				
SUG	5422/03	Lithographic printers	Engineering and Technology related					X				
SUG	5422/04	Screen printers	Engineering and Technology related					X				
SUG	5422/99	Printers n.e.c.	Engineering and Technology related					X				
UG	5423	Print finishing and binding workers	Not STEM-M&H						X	Non-graduate		
SUG	5423/00	Print finishing and binding workers	Not STEM-M&H						X			
UG	5431	Butchers	Not STEM-M&H						X	Non-graduate		
SUG	5431/01	Butchers	Not STEM-M&H						X			
SUG	5431/02	Slaughterers	Not STEM-M&H						X			
UG	5432	Bakers and flour confectioners	Not STEM-M&H						X	Non-graduate	X	
SUG	5432/01	Bakers (excludes food process bakery workers and textile manufacturing)	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5432/02	Cake decorators and designers	Not STEM-M&H						X			
SUG	5432/99	Bakers and flour confectioners n.e.c.	Not STEM-M&H						X			
UG	5433	Fishmongers and poultry dressers	Not STEM-M&H						X	Non-graduate		
SUG	5433/01	Fishmongers	Not STEM-M&H						X			
SUG	5433/02	Poultry dressers	Not STEM-M&H						X			
SUG	5433/99	Fishmongers and poultry dressers n.e.c.	Not STEM-M&H						X			
UG	5434	Chefs	Not STEM-M&H						X	Non-graduate		
SUG	5434/00	Chefs	Not STEM-M&H						X			
UG	5435	Cooks	Not STEM-M&H						X	Non-graduate		
SUG	5435/00	Cooks	Not STEM-M&H						X			
UG	5436	Catering and bar managers	Not STEM-M&H						X	Non-graduate		
SUG	5436/00	Catering and bar managers	Not STEM-M&H						X			
UG	5441	Glass and ceramics makers, decorators and finishers	Not STEM-M&H						X	Non-graduate	X	
SUG	5441/01	Ceramic makers, decorators and finishers	Not STEM-M&H						X			
SUG	5441/02	Ceramic potters	Not STEM-M&H						X			
SUG	5441/03	Glass blowers	Not STEM-M&H						X			
SUG	5441/04	Glass makers, decorators and finishers	Not STEM-M&H						X			
SUG	5441/05	Optical glass makers	Not STEM-M&H						X			
SUG	5441/99	Glass and ceramics makers, decorators and finishers n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	5442	Furniture makers and other craft woodworkers	Not STEM-M&H						X	Non-graduate		
SUG	5442/01	Cabinet makers (excludes metal)	Not STEM-M&H						X			
SUG	5442/02	Furniture makers and fitters	Not STEM-M&H						X			
SUG	5442/03	Furniture restorers	Not STEM-M&H						X			
SUG	5442/04	Furniture sprayers and finishers	Not STEM-M&H						X			
SUG	5442/05	Picture framers	Not STEM-M&H						X			
SUG	5442/06	Shed makers	Not STEM-M&H						X			
SUG	5442/99	Furniture makers and other craft woodworkers n.e.c.	Not STEM-M&H						X			
UG	5443	Florists	Not STEM-M&H						X	Non-graduate		
SUG	5443/00	Florists	Not STEM-M&H						X			
UG	5449	Other skilled trades n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	5449/01	Basket makers (excludes wire goods mfr)	Not STEM-M&H						X			
SUG	5449/02	Candle makers	Not STEM-M&H						X			
SUG	5449/03	Goldsmiths, silversmiths, jewellers and precious stone workers	Not STEM-M&H						X			
SUG	5449/04	Hairpiece and wig makers	Not STEM-M&H						X			
SUG	5449/05	Metal engravers	Not STEM-M&H						X			
SUG	5449/06	Craft model makers	Not STEM-M&H						X			
SUG	5449/07	Musical instrument repairers, makers and tuners	Not STEM-M&H						X			
SUG	5449/08	Sign makers and writers	Not STEM-M&H						X			
SUG	5449/09	Toy makers and repairers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	5449/99	Other skilled trades n.e.c.	Not STEM-M&H						X			
UG	6111	Early education and childcare assistants	Not STEM-M&H						X	Non-graduate		
SUG	6111/00	Early education and childcare assistants	Not STEM-M&H						X			
UG	6112	Teaching assistants	Not STEM-M&H						X	Non-graduate		
SUG	6112/01	Cover supervisors	Not STEM-M&H						X			
SUG	6112/02	School teaching assistants	Not STEM-M&H						X			
SUG	6112/99	Teaching assistants n.e.c.	Not STEM-M&H						X			
UG	6113	Educational support assistants	Not STEM-M&H						X	Non-graduate		
SUG	6113/01	Behaviour support assistants	Not STEM-M&H						X			
SUG	6113/02	Communication support assistants	Not STEM-M&H						X			
SUG	6113/03	Learning support assistants	Not STEM-M&H						X			
SUG	6113/99	Educational support assistants n.e.c.	Not STEM-M&H						X			
UG	6114	Childminders	Not STEM-M&H						X	Non-graduate		
SUG	6114/00	Childminders	Not STEM-M&H						X			
UG	6116	Nannies and au pairs	Not STEM-M&H						X	Non-graduate		
SUG	6116/01	Au pairs	Not STEM-M&H						X			
SUG	6116/02	Nannies	Not STEM-M&H						X			
UG	6117	Playworkers	Not STEM-M&H						X	Non-graduate		
SUG	6117/00	Playworkers	Not STEM-M&H						X			
UG	6121	Pest control officers	Medicine & Health related					X		Non-graduate	X	



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6121/01	Fumigators	Medicine & Health related					X				
SUG	6121/02	Mole catchers	Medicine & Health related					X				
SUG	6121/03	Rodent control officers	Medicine & Health related					X				
SUG	6121/99	Pest control officers n.e.c.	Medicine & Health related					X				
UG	6129	Animal care services occupations n.e.c.	Medicine & Health related					X		Non-graduate	X	
SUG	6129/01	Animal boarding assistants	Medicine & Health related					X				
SUG	6129/02	Animal breeders	Medicine & Health related					X				
SUG	6129/03	Animal groomers	Medicine & Health related					X				
SUG	6129/04	Animal trainers (excludes performing animals)	Medicine & Health related					X				
SUG	6129/05	Animal walkers	Medicine & Health related					X				
SUG	6129/06	Animal welfare workers	Medicine & Health related					X				
SUG	6129/07	Stable workers	Medicine & Health related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6129/08	Veterinary assistants	Medicine & Health related					X				
SUG	6129/09	Zookeepers	Medicine & Health related					X				
SUG	6129/99	Animal care services occupations n.e.c.	Medicine & Health related					X				
UG	6131	Nursing auxiliaries and assistants	Medicine & Health related					X	Non-graduate	X		
SUG	6131/01	Blood donor carers and phlebotomists	Medicine & Health related					X				
SUG	6131/02	First aid trainers	Medicine & Health related					X				
SUG	6131/03	Maternity care assistants	Medicine & Health related					X				
SUG	6131/04	Occupational therapy assistants	Medicine & Health related					X				
SUG	6131/05	Physiotherapy assistants	Medicine & Health related					X				
SUG	6131/06	Radiography assistants	Medicine & Health related					X				
SUG	6131/07	Speech and language therapy assistants	Medicine & Health related					X				
SUG	6131/08	Sterile services assistants	Medicine & Health related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6131/09	Theatre assistants (excludes entertainment)	Medicine & Health related					X				
SUG	6131/99	Nursing auxiliaries and assistants n.e.c.	Medicine & Health related					X				
UG	6132	Ambulance staff (excluding paramedics)	Medicine & Health related					X	Non-graduate	X		
SUG	6132/00	Ambulance staff (excluding paramedics)	Medicine & Health related					X				
UG	6133	Dental nurses	Medicine & Health related					X	Non-graduate	X		
SUG	6133/00	Dental nurses	Medicine & Health related					X				
UG	6134	Houseparents and residential wardens	Not STEM-M&H						Non-graduate			
SUG	6134/01	Foster carers	Not STEM-M&H									
SUG	6134/02	Residential childcare workers	Not STEM-M&H									
SUG	6134/03	School matrons and houseparents	Not STEM-M&H									
SUG	6134/04	Residential housing wardens	Not STEM-M&H									
SUG	6134/99	Houseparents and residential wardens n.e.c.	Not STEM-M&H									
UG	6135	Care workers and home carers	Not STEM-M&H						Non-graduate			
SUG	6135/01	Community support workers	Not STEM-M&H									
SUG	6135/02	Home care workers	Not STEM-M&H									
SUG	6135/03	Residential care workers	Not STEM-M&H									

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6135/99	Care workers and home carers n.e.c.	Not STEM-M&H						X			
UG	6136	Senior care workers	Not STEM-M&H			X				Communicator		
SUG	6136/01	Senior community support workers	Not STEM-M&H			X						
SUG	6136/02	Senior home care workers	Not STEM-M&H			X						
SUG	6136/03	Senior residential care workers	Not STEM-M&H			X						
SUG	6136/99	Senior care workers n.e.c.	Not STEM-M&H			X						
UG	6137	Care escorts	Not STEM-M&H						X	Non-graduate		
SUG	6137/00	Care escorts	Not STEM-M&H						X			
UG	6138	Undertakers, mortuary and crematorium assistants	Not STEM-M&H						X	Non-graduate		
SUG	6138/01	Crematorium assistants	Not STEM-M&H						X			
SUG	6138/02	Driver-bearers	Not STEM-M&H						X			
SUG	6138/03	Embalmers	Not STEM-M&H						X			
SUG	6138/04	Funeral directors and undertakers	Not STEM-M&H						X			
SUG	6138/05	Taxidermists	Not STEM-M&H						X			
SUG	6138/99	Undertakers, mortuary and crematorium assistants n.e.c.	Not STEM-M&H						X			
UG	6211	Sports and leisure assistants	Not STEM-M&H						X	Non-graduate		
SUG	6211/01	Bookmakers	Not STEM-M&H						X			
SUG	6211/02	Croupiers	Not STEM-M&H						X			
SUG	6211/03	Film and television runners	Not STEM-M&H						X			
SUG	6211/04	Leisure and recreation assistants	Not STEM-M&H						X			
SUG	6211/05	Lifeguards	Not STEM-M&H						X			
SUG	6211/06	Museum and heritage assistants	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6211/99	Sports and leisure assistants n.e.c.	Not STEM-M&H						X			
UG	6212	Travel agents	Not STEM-M&H						X	Non-graduate		
SUG	6212/00	Travel agents	Not STEM-M&H						X			
UG	6213	Air travel assistants	Not STEM-M&H						X	Non-graduate		
SUG	6213/01	Flight attendants	Not STEM-M&H						X			
SUG	6213/02	Passenger services assistants	Not STEM-M&H						X			
SUG	6213/99	Air travel assistants n.e.c.	Not STEM-M&H						X			
UG	6214	Rail travel assistants	Not STEM-M&H						X	Non-graduate		
SUG	6214/01	Railway station assistants	Not STEM-M&H						X			
SUG	6214/02	Revenue protection officers	Not STEM-M&H						X			
SUG	6214/03	Train conductors and guards	Not STEM-M&H						X			
SUG	6214/99	Rail travel assistants n.e.c.	Not STEM-M&H						X			
UG	6219	Leisure and travel service occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	6219/01	Holiday representatives	Not STEM-M&H						X			
SUG	6219/02	Ship stewards (excludes catering)	Not STEM-M&H						X			
SUG	6219/03	Tour guides	Not STEM-M&H						X			
SUG	6219/04	Tourist information assistants	Not STEM-M&H						X			
SUG	6219/99	Leisure and travel service occupations n.e.c.	Not STEM-M&H						X			
UG	6221	Hairdressers and barbers	Not STEM-M&H						X	Non-graduate		
SUG	6221/01	Barbers	Not STEM-M&H						X			
SUG	6221/02	Hairdressers	Not STEM-M&H						X			
SUG	6221/99	Hairdressers and barbers n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	6222	Beauticians and related occupations	Not STEM-M&H						X	Non-graduate		
SUG	6222/01	Body piercers	Not STEM-M&H						X			
SUG	6222/02	Make-up artists (excludes performance make-up)	Not STEM-M&H						X			
SUG	6222/03	Manicurists and pedicurists	Not STEM-M&H						X			
SUG	6222/04	Tattoo and henna artists	Not STEM-M&H						X			
SUG	6222/05	Weight loss advisers	Not STEM-M&H						X			
SUG	6222/99	Beauticians and related occupations n.e.c.	Not STEM-M&H						X			
UG	6231	Housekeepers and related occupations	Not STEM-M&H						X	Non-graduate		
SUG	6231/00	Housekeepers and related occupations	Not STEM-M&H						X			
UG	6232	Caretakers	Not STEM-M&H						X	Non-graduate		
SUG	6232/00	Caretakers	Not STEM-M&H						X			
UG	6240	Cleaning and housekeeping managers and supervisors	Not STEM-M&H						X	Non-graduate		
SUG	6240/00	Cleaning and housekeeping managers and supervisors	Not STEM-M&H						X			
UG	6250	Bed and breakfast and guest house owners and proprietors	Not STEM-M&H						X	Non-graduate		
SUG	6250/00	Bed and breakfast and guest house owners and proprietors	Not STEM-M&H						X			
UG	6311	Police community support officers	Not STEM-M&H						X	Non-graduate		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	6311/00	Police community support officers	Not STEM-M&H						X			
UG	6312	Parking and civil enforcement occupations	Not STEM-M&H						X	Non-graduate		
SUG	6312/01	Car park attendants	Not STEM-M&H						X			
SUG	6312/02	Civil enforcement officers	Not STEM-M&H						X			
SUG	6312/03	Neighbourhood wardens	Not STEM-M&H						X			
SUG	6312/99	Parking and civil enforcement occupations n.e.c.	Not STEM-M&H						X			
UG	7111	Sales and retail assistants	Not STEM-M&H						X	Non-graduate		
SUG	7111/00	Sales and retail and assistants	Not STEM-M&H						X			
UG	7112	Retail cashiers and check-out operators	Not STEM-M&H						X	Non-graduate		
SUG	7112/00	Retail cashiers and check-out operators	Not STEM-M&H						X			
UG	7113	Telephone salespersons	Not STEM-M&H						X	Non-graduate		
SUG	7113/00	Telephone salespersons	Not STEM-M&H						X			
UG	7114	Pharmacy and optical dispensing assistants	Medicine & Health related					X		Non-graduate	X	
SUG	7114/01	Optical dispensing assistants	Medicine & Health related					X				
SUG	7114/02	Pharmacy dispensing assistants	Medicine & Health related					X				
SUG	7114/99	Pharmacy and optical dispensing assistants n.e.c.	Medicine & Health related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	7115	Vehicle and parts salespersons and advisers	Not STEM-M&H						X	Non-graduate		
SUG	7115/01	Vehicle parts advisers	Not STEM-M&H						X			
SUG	7115/02	Vehicle sales executives	Not STEM-M&H						X			
UG	7121	Collector salespersons and credit agents	Not STEM-M&H						X	Non-graduate		
SUG	7121/00	Collector salespersons and credit agents	Not STEM-M&H						X			
UG	7122	Debt, rent and other cash collectors	Not STEM-M&H						X	Non-graduate		
SUG	7122/01	Bailiffs	Not STEM-M&H						X			
SUG	7122/02	Debt collectors	Not STEM-M&H						X			
SUG	7122/03	Meter readers	Not STEM-M&H						X			
SUG	7122/04	Pawn brokers	Not STEM-M&H						X			
SUG	7122/05	Vending machine operators	Not STEM-M&H						X			
SUG	7122/99	Debt, rent and other cash collectors n.e.c.	Not STEM-M&H						X			
UG	7123	Roundspersons and van salespersons	Not STEM-M&H						X	Non-graduate		
SUG	7123/00	Roundspersons and van salespersons	Not STEM-M&H						X			
UG	7124	Market and street traders and assistants	Not STEM-M&H						X	Non-graduate		
SUG	7124/00	Market and street traders and assistants	Not STEM-M&H						X			



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	7125	Visual merchandisers and related occupations	Not STEM-M&H						X	Non-graduate		
SUG	7125/01	Fashion stylists	Not STEM-M&H						X			
SUG	7125/02	Visual merchandisers and window dressers	Not STEM-M&H						X			
SUG	7125/99	Visual merchandisers and related occupations n.e.c.	Not STEM-M&H						X			
UG	7129	Sales related occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	7129/01	Demonstrators and product promoters	Not STEM-M&H						X			
SUG	7129/02	Hire desk controllers	Not STEM-M&H						X			
SUG	7129/03	Sales energy consultants	Not STEM-M&H						X			
SUG	7129/99	Sales related occupations n.e.c.	Not STEM-M&H						X			
UG	7131	Shopkeepers and owners - retail and wholesale	Not STEM-M&H						X	Non-graduate		
SUG	7131/01	Antique dealers	Not STEM-M&H						X			
SUG	7131/02	Art dealers	Not STEM-M&H						X			
SUG	7131/03	Car traders	Not STEM-M&H						X			
SUG	7131/04	Newsagents	Not STEM-M&H						X			
SUG	7131/05	Retail jewellers	Not STEM-M&H						X			
SUG	7131/06	Wholesalers	Not STEM-M&H						X			
SUG	7131/07	Wine merchants	Not STEM-M&H						X			
SUG	7131/99	Shopkeepers and owners - retail and wholesale n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	7132	Sales supervisors - retail and wholesale	Not STEM-M&H						X	Non-graduate		
SUG	7132/00	Sales supervisors - retail and wholesale	Not STEM-M&H						X			
UG	7211	Call and contact centre occupations	Not STEM-M&H						X	Non-graduate		
SUG	7211/00	Call and contact centre occupations	Not STEM-M&H						X			
UG	7212	Telephonists	Not STEM-M&H						X	Non-graduate		
SUG	7212/00	Telephonists	Not STEM-M&H						X			
UG	7213	Communication operators	Not STEM-M&H						X	Non-graduate		
SUG	7213/01	Air traffic control assistants	Not STEM-M&H						X			
SUG	7213/02	Emergency services call handlers	Not STEM-M&H						X			
SUG	7213/03	Taxi controllers	Not STEM-M&H						X			
SUG	7213/99	Communication operators n.e.c.	Not STEM-M&H						X			
UG	7214	Market research interviewers	Not STEM-M&H						X	Non-graduate		
SUG	7214/01	Field and telephone interviewers	Not STEM-M&H						X			
SUG	7214/02	Mystery shoppers	Not STEM-M&H						X			
SUG	7214/03	Political canvassers	Not STEM-M&H						X			
SUG	7214/04	Traffic enumerators	Not STEM-M&H						X			
UG	7219	Customer service occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	7219/01	Student ambassadors	Not STEM-M&H						X			
SUG	7219/99	Customer service occupations n.e.c.	Not STEM-M&H						X			
UG	7220	Customer service supervisors	Not STEM-M&H						X	Non-graduate		
SUG	7220/00	Customer service supervisors	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	8111	Food, drink and tobacco process operatives	Not STEM-M&H						X	Non-graduate	X	Related engineering
SUG	8111/01	Brewery and distillery workers	Not STEM-M&H						X			
SUG	8111/02	Dairy workers	Not STEM-M&H						X			
SUG	8111/03	Food process bakery workers	Not STEM-M&H						X			
SUG	8111/04	Tobacco workers	Not STEM-M&H						X			
SUG	8111/99	Food, drink and tobacco process operatives n.e.c.	Not STEM-M&H						X			
UG	8112	Textile process operatives	Not STEM-M&H						X	Non-graduate	X	
SUG	8112/00	Textile process operatives	Not STEM-M&H						X			
UG	8113	Chemical and related process operatives	Engineering and Technology related					X		Non-graduate	X	Related engineering
SUG	8113/00	Chemical and related process operatives	Engineering and Technology related					X				
UG	8114	Plastics process operatives	Engineering and Technology related					X		Non-graduate	X	Core engineering
SUG	8114/01	Plastic fabricators	Engineering and Technology related					X				
SUG	8114/99	Plastics process operatives n.e.c.	Engineering and Technology related					X				
UG	8115	Metal making and treating process operatives	Engineering and Technology related					X		Non-graduate	X	Core engineering/Related engineering
SUG	8115/01	Galvanisers and platers	Engineering and Technology related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	8115/02	Metal sprayers and powder coaters	Engineering and Technology related					X				
SUG	8115/99	Metal making and treating process operatives n.e.c.	Engineering and Technology related					X				
UG	8119	Process operatives n.e.c.	Engineering and Technology related*					X	Non-graduate	X	Core engineering/Related engineering	
SUG	8119/01	Ceramic workers	Engineering and Technology related					X				
SUG	8119/02	Concrete operatives (concrete production)	Engineering and Technology related					X				
SUG	8119/03	Glass workers (excludes agriculture)	Engineering and Technology related					X				
SUG	8119/04	Rubber workers	Engineering and Technology related					X				
SUG	8119/99	Process operatives n.e.c.	Engineering and Technology related*					X				
UG	8120	Metal working machine operatives	Engineering and Technology related					X	Non-graduate	X	Core engineering	
SUG	8120/01	Press and stamp operators	Engineering and Technology related					X				
SUG	8120/99	Metal working machine operatives n.e.c.	Engineering and Technology related					X				
UG	8131	Paper and wood machine operatives	Engineering and Technology related					X	Non-graduate	X	Core engineering	

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	8131/00	Paper and wood machine operatives	Engineering and Technology related					X				
UG	8132	Mining and quarry workers and related operatives	Engineering and Technology related					X		Non-graduate	X	Core engineering
SUG	8132/01	Coal miners and quarry workers	Engineering and Technology related					X				
SUG	8132/02	Offshore drilling workers	Engineering and Technology related					X				
SUG	8132/99	Mining and quarry workers and related operatives n.e.c.	Engineering and Technology related					X				
UG	8133	Energy plant operatives	Engineering and Technology related					X		Non-graduate	X	Related engineering
SUG	8133/01	Boiler operatives	Engineering and Technology related					X				
SUG	8133/02	Compressor operatives	Engineering and Technology related					X				
SUG	8133/03	Nuclear decommissioning operatives	Engineering and Technology related					X				
SUG	8133/99	Energy plant operatives n.e.c.	Engineering and Technology related					X				
UG	8134	Water and sewerage plant operatives	Engineering and Technology related					X		Non-graduate	X	Core engineering
SUG	8134/01	Water and sewerage distribution operatives	Engineering and Technology related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	8134/02	Water treatment operatives	Engineering and Technology related					X				
SUG	8134/99	Water and sewerage plant operatives n.e.c.	Engineering and Technology related					X				
UG	8135	Printing machine assistants	Not STEM-M&H						X	Non-graduate	X	
SUG	8135/00	Printing machine assistants	Not STEM-M&H						X			
UG	8139	Plant and machine operatives n.e.c.	Engineering and Technology related					X		Non-graduate	X	
SUG	8139/01	Aerial installers	Engineering and Technology related					X				
SUG	8139/02	Cable operatives	Engineering and Technology related					X				
SUG	8139/03	Laser operators	Engineering and Technology related					X				
SUG	8139/04	Spring makers	Engineering and Technology related					X				
SUG	8139/05	Plant and machine breakers and dismantlers	Engineering and Technology related					X				
SUG	8139/99	Plant and machine operatives n.e.c.	Engineering and Technology related					X				
UG	8141	Assemblers (electrical and electronic products)	Engineering and Technology related					X		Non-graduate	X	
SUG	8141/00	Assemblers (electrical and electronic products)	Engineering and Technology related					X				

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	8142	Assemblers (vehicles and metal goods)	Engineering and Technology related					X		Non-graduate	X	Related engineering
SUG	8142/01	Metal goods assemblers (excludes vehicles)	Engineering and Technology related					X				
SUG	8142/02	Vehicle and vehicle part assemblers	Engineering and Technology related					X				
SUG	8142/99	Assemblers (vehicles and metal goods) n.e.c.	Engineering and Technology related					X				
UG	8143	Routine inspectors and testers	Engineering and Technology related*					X		Non-graduate	X	Core engineering
SUG	8143/00	Routine inspectors and testers	Engineering and Technology related*					X				
UG	8144	Weighers, graders and sorters	Not STEM-M&H						X	Non-graduate	X	
SUG	8144/00	Weighers, graders and sorters	Not STEM-M&H						X			
UG	8145	Tyre, exhaust and windscreen fitters	Engineering and Technology related					X		Non-graduate	X	Related engineering
SUG	8145/01	Tyre technicians	Engineering and Technology related					X				
SUG	8145/02	Windscreen fitters	Engineering and Technology related					X				
SUG	8145/99	Tyre, exhaust and windscreen fitters n.e.c.	Engineering and Technology related					X				
UG	8146	Sewing machinists	Not STEM-M&H						X	Non-graduate		
SUG	8146/00	Sewing machinists	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEMM-M&H	STEMM-M&H	STEMM-M&H related	Not STEMM-M&H			
UG	8149	Assemblers and routine operatives n.e.c.	Not STEMM-M&H						X	Non-graduate		Related engineering
SUG	8149/00	Assemblers and routine operatives n.e.c.	Not STEMM-M&H						X			
UG	8151	Scaffolders, stagers and riggers	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	8151/01	Engineering construction riggers	Engineering and Technology related					X				
SUG	8151/02	Scaffolders and stagers	Engineering and Technology related					X				
SUG	8151/99	Scaffolders, stagers and riggers n.e.c.	Engineering and Technology related					X				
UG	8152	Road construction operatives	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	8152/00	Road construction operatives	Engineering and Technology related					X				
UG	8153	Rail construction and maintenance operatives	Engineering and Technology related					X		Non-graduate		Core engineering
SUG	8153/00	Rail construction and maintenance operatives	Engineering and Technology related					X				
UG	8159	Construction operatives n.e.c.	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	8159/01	Asbestos removers	Engineering and Technology related					X				



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	8159/02	Blind fitters	Engineering and Technology related					X				
SUG	8159/03	Building maintenance operatives	Engineering and Technology related					X				
SUG	8159/04	Cable layers	Engineering and Technology related					X				
SUG	8159/05	Ceiling fitters	Engineering and Technology related					X				
SUG	8159/06	Demolition operatives	Engineering and Technology related					X				
SUG	8159/07	Drainage operatives	Engineering and Technology related					X				
SUG	8159/08	Insulation engineers	Engineering and Technology related					X				
SUG	8159/09	Pipe layers (excludes pipe fitters)	Engineering and Technology related					X				
SUG	8159/10	Sign fitters (excludes electrical fitters)	Engineering and Technology related					X				
SUG	8159/99	Construction operatives n.e.c.	Engineering and Technology related					X				
UG	8160	Production, factory and assembly supervisors	Engineering and Technology related					X		Non-graduate	X	Related engineering
SUG	8160/00	Production, factory and assembly supervisors	Engineering and Technology related					X				
UG	8211	Large goods vehicle drivers	Not STEM-M&H						X	Non-graduate		

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	8211/00	Large goods vehicle drivers	Not STEM-M&H						X			
UG	8212	Bus and coach drivers	Not STEM-M&H						X	Non-graduate		
SUG	8212/00	Bus and coach drivers	Not STEM-M&H						X			
UG	8213	Taxi and cab drivers and chauffeurs	Not STEM-M&H						X	Non-graduate		
SUG	8213/00	Taxi and cab drivers and chauffeurs	Not STEM-M&H						X			
UG	8214	Delivery drivers and couriers	Not STEM-M&H						X	Non-graduate		
SUG	8214/01	Bicycle and motorcycle couriers	Not STEM-M&H						X			
SUG	8214/99	Delivery drivers and couriers n.e.c.	Not STEM-M&H						X			
UG	8215	Driving instructors	Not STEM-M&H						X	Non-graduate		
SUG	8215/01	Cycling instructors	Not STEM-M&H						X			
SUG	8215/02	Forklift instructors	Not STEM-M&H						X			
SUG	8215/03	Heavy and large vehicle driving instructors	Not STEM-M&H						X			
SUG	8215/04	Motorcycle instructors	Not STEM-M&H						X			
SUG	8215/05	Passenger carrying vehicle (PCV) driving instructors	Not STEM-M&H						X			
SUG	8215/99	Driving instructors n.e.c.	Not STEM-M&H						X			
UG	8219	Road transport drivers n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	8219/00	Road transport drivers n.e.c.	Not STEM-M&H						X			
UG	8221	Crane drivers	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	8221/00	Crane drivers	Engineering and Technology related					X				
UG	8222	Fork-lift truck drivers	Not STEM-M&H						X	Non-graduate		
SUG	8222/00	Fork-lift truck drivers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	8229	Mobile machine drivers and operatives n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	8229/01	Agricultural machinery operators	Not STEM-M&H						X			
SUG	8229/99	Mobile machine drivers and operatives n.e.c.	Not STEM-M&H						X			
UG	8231	Train and tram drivers	Not STEM-M&H						X	Non-graduate		
SUG	8231/00	Train and tram drivers	Not STEM-M&H						X			
UG	8232	Marine and waterways transport operatives	Engineering and Technology related					X		Non-graduate		Related engineering
SUG	8232/00	Marine and waterways transport operatives	Engineering and Technology related					X				
UG	8233	Air transport operatives	Not STEM-M&H						X	Non-graduate		
SUG	8233/01	Aircraft refuellers	Not STEM-M&H						X			
SUG	8233/02	Baggage handlers and ramp agents	Not STEM-M&H						X			
SUG	8233/99	Air transport operatives n.e.c.	Not STEM-M&H						X			
UG	8234	Rail transport operatives	Not STEM-M&H						X	Non-graduate		
SUG	8234/01	Level crossing attendants	Not STEM-M&H						X			
SUG	8234/02	Railway controllers and signallers	Not STEM-M&H						X			
SUG	8234/03	Shunters (excludes passenger road transport)	Not STEM-M&H						X			
SUG	8234/99	Rail transport operatives n.e.c.	Not STEM-M&H						X			
UG	8239	Other drivers and transport operatives n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	8239/00	Other drivers and transport operatives n.e.c.	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	9111	Farm workers	Not STEM-M&H						X	Non-graduate	X	
SUG	9111/00	Farm labourers	Not STEM-M&H						X			
UG	9112	Forestry and related workers	Not STEM-M&H						X	Non-graduate	X	
SUG	9112/01	Forest workers	Not STEM-M&H						X			
SUG	9112/02	Park wardens	Not STEM-M&H						X			
SUG	9112/99	Forestry and related workers n.e.c.	Not STEM-M&H						X			
UG	9119	Fishing and other elementary agriculture occupations n.e.c.	Not STEM-M&H						X	Non-graduate	X	
SUG	9119/01	Cutters and pickers	Not STEM-M&H						X			
SUG	9119/02	Fisheries and aquaculture labourers	Not STEM-M&H						X			
SUG	9119/03	Garden and park labourers	Not STEM-M&H						X			
SUG	9119/04	Milkers	Not STEM-M&H						X			
SUG	9119/05	Sheep shearers	Not STEM-M&H						X			
SUG	9119/99	Fishing and other elementary agriculture occupations n.e.c.	Not STEM-M&H						X			
UG	9121	Groundworkers	Not STEM-M&H						X	Non-graduate		
SUG	9121/00	Groundworkers	Not STEM-M&H						X			
UG	9129	Elementary construction occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9129/01	Builder's labourers	Not STEM-M&H						X			
SUG	9129/02	Carpenter and joiner assistants	Not STEM-M&H						X			
SUG	9129/03	Construction electrician's assistants	Not STEM-M&H						X			
SUG	9129/04	Grave diggers	Not STEM-M&H						X			
SUG	9129/05	Insulation labourers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	9129/06	Marquee erectors	Not STEM-M&H						X			
SUG	9129/07	Plumber's assistants	Not STEM-M&H						X			
SUG	9129/99	Elementary construction occupations n.e.c.	Not STEM-M&H						X			
UG	9131	Industrial cleaning process occupations	Not STEM-M&H						X	Non-graduate		
SUG	9131/00	Industrial cleaning process occupations	Not STEM-M&H						X			
UG	9132	Packers, bottlers, canners and fillers	Not STEM-M&H						X	Non-graduate		
SUG	9132/00	Packers, bottlers, canners and fillers	Not STEM-M&H						X			
UG	9139	Elementary process plant occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9139/00	Elementary process plant occupations n.e.c.	Not STEM-M&H						X			
UG	9211	Postal workers, mail sorters and messengers	Not STEM-M&H						X	Non-graduate		
SUG	9211/01	Postal delivery workers	Not STEM-M&H						X			
SUG	9211/02	Mail sorters	Not STEM-M&H						X			
SUG	9211/99	Postal workers, mail sorters and messengers n.e.c.	Not STEM-M&H						X			
UG	9219	Elementary administration occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9219/01	Reprographics assistants	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
SUG	9219/99	Elementary administration occupations n.e.c.	Not STEM-M&H						X			
UG	9221	Window cleaners	Not STEM-M&H						X	Non-graduate		
SUG	9221/00	Window cleaners	Not STEM-M&H						X			
UG	9222	Street cleaners	Not STEM-M&H						X	Non-graduate		
SUG	9222/00	Street cleaners	Not STEM-M&H						X			
UG	9223	Cleaners and domestics	Not STEM-M&H						X	Non-graduate		
SUG	9223/01	Commercial cleaners	Not STEM-M&H						X			
SUG	9223/02	Domestic cleaners	Not STEM-M&H						X			
SUG	9223/99	Cleaners and domestics n.e.c.	Not STEM-M&H						X			
UG	9224	Launderers, dry cleaners and pressers	Not STEM-M&H						X	Non-graduate		
SUG	9224/01	Carpet cleaners	Not STEM-M&H						X			
SUG	9224/02	Dry cleaners and laundry workers	Not STEM-M&H						X			
SUG	9224/03	Ironers and pressers	Not STEM-M&H						X			
SUG	9224/99	Launderers, dry cleaners and pressers n.e.c.	Not STEM-M&H						X			
UG	9225	Refuse and salvage occupations	Not STEM-M&H						X	Non-graduate		
SUG	9225/01	Recycling operatives	Not STEM-M&H						X			
SUG	9225/02	Refuse collectors	Not STEM-M&H						X			
SUG	9225/99	Refuse and salvage occupations n.e.c.	Not STEM-M&H						X			
UG	9226	Vehicle valeters and cleaners	Not STEM-M&H						X	Non-graduate		
SUG	9226/00	Vehicle valeters and cleaners	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	9229	Elementary cleaning occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9229/01	Bin cleaners	Not STEM-M&H						X			
SUG	9229/02	Chimney sweepers	Not STEM-M&H						X			
SUG	9229/03	Drain cleaners	Not STEM-M&H						X			
SUG	9229/04	Toilet attendants	Not STEM-M&H						X			
SUG	9229/99	Elementary cleaning occupations n.e.c.	Not STEM-M&H						X			
UG	9231	Security guards and related occupations	Not STEM-M&H						X	Non-graduate		
SUG	9231/01	CCTV operators (excludes drain surveying)	Not STEM-M&H						X			
SUG	9231/02	Court ushers	Not STEM-M&H						X			
SUG	9231/03	Detention officers	Not STEM-M&H						X			
SUG	9231/04	Door supervisors	Not STEM-M&H						X			
SUG	9231/99	Security guards and related occupations n.e.c.	Not STEM-M&H						X			
UG	9232	School midday and crossing patrol occupations	Not STEM-M&H						X	Non-graduate		
SUG	9232/00	School midday and crossing patrol occupations	Not STEM-M&H						X			
UG	9233	Exam invigilators	Not STEM-M&H						X	Non-graduate		
SUG	9233/00	Exam invigilators	Not STEM-M&H						X			
UG	9241	Shelf fillers	Not STEM-M&H						X	Non-graduate		
SUG	9241/00	Shelf fillers	Not STEM-M&H						X			

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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	9249	Elementary sales occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9249/01	Retail order pickers	Not STEM-M&H						X			
SUG	9249/02	Trolley collectors	Not STEM-M&H						X			
SUG	9249/99	Elementary sales occupations n.e.c.	Not STEM-M&H						X			
UG	9251	Elementary storage supervisors	Not STEM-M&H						X	Non-graduate		
SUG	9251/00	Elementary storage supervisors	Not STEM-M&H						X			
UG	9252	Warehouse operatives	Not STEM-M&H						X	Non-graduate		
SUG	9252/00	Warehouse operatives	Not STEM-M&H						X			
UG	9253	Delivery operatives	Not STEM-M&H						X	Non-graduate		
SUG	9253/00	Delivery operatives	Not STEM-M&H						X			
UG	9259	Elementary storage occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9259/01	Dockers, slingers and stevedores	Not STEM-M&H						X			
SUG	9259/99	Elementary storage occupations n.e.c.	Not STEM-M&H						X			
UG	9261	Bar and catering supervisors	Not STEM-M&H						X	Non-graduate		
SUG	9261/00	Bar and catering supervisors	Not STEM-M&H						X			
UG	9262	Hospital porters	Not STEM-M&H						X	Non-graduate		
SUG	9262/00	Hospital porters	Not STEM-M&H						X			
UG	9263	Kitchen and catering assistants	Not STEM-M&H						X	Non-graduate		
SUG	9263/00	Kitchen and catering assistants	Not STEM-M&H						X			
UG	9264	Waiters and waitresses	Not STEM-M&H						X	Non-graduate		
SUG	9264/00	Waiters and waitresses	Not STEM-M&H						X			
UG	9265	Bar staff	Not STEM-M&H						X	Non-graduate		
SUG	9265/00	Bar staff	Not STEM-M&H						X			



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				STEMM-M&H	STEMM-M&H related	Not STEM-M&H	STEMM-M&H	STEMM-M&H related	Not STEM-M&H			
UG	9266	Coffee shop workers	Not STEM-M&H						X	Non-graduate		
SUG	9266/00	Coffee shop workers	Not STEM-M&H						X			
UG	9267	Leisure and theme park attendants	Not STEM-M&H						X	Non-graduate		
SUG	9267/01	Arcade attendants	Not STEM-M&H						X			
SUG	9267/02	Cinema and theatre attendants	Not STEM-M&H						X			
SUG	9267/03	Event stewards	Not STEM-M&H						X			
SUG	9267/04	Gallery and museum attendants	Not STEM-M&H						X			
SUG	9267/05	Ride attendants	Not STEM-M&H						X			
SUG	9267/99	Leisure and theme park attendants n.e.c.	Not STEM-M&H						X			
UG	9269	Other elementary services occupations n.e.c.	Not STEM-M&H						X	Non-graduate		
SUG	9269/01	Bingo callers and assistants	Not STEM-M&H						X			
SUG	9269/02	Clairvoyants, mediums and astrologers	Not STEM-M&H						X			
SUG	9269/03	Stagehands	Not STEM-M&H						X			
SUG	9269/04	Turnstile operators	Not STEM-M&H						X			
SUG	9269/99	Other elementary service occupations n.e.c.	Not STEM-M&H						X			

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- UNESCO (2012) [International Standard Classification of Education ISCED 2011](#). Montreal: UNESCO institute for Statistics.

## Appendix 1: Skill levels and the Standard Occupational Classification

### Definitions of the four ISCO skill levels

Definitions of each of the four skill levels which underpin SOC2020 are provided below. They serve to clarify these boundaries and to deal with cases where formal educational requirements may not be the most suitable method of measuring the skill level of a particular occupation. Each definition provides examples of:

- the typical or characteristic tasks performed at each skill level;
- the types of skill required (in broad terms); and
- typical occupations classified at that skill level.

### Skill Level 1

Occupations at Skill Level 1 typically involve the performance of simple and routine physical or manual tasks. They may require the use of hand-held tools, such as shovels, or of simple electrical equipment, such as vacuum cleaners. They involve tasks such as cleaning; digging; lifting and carrying materials by hand; sorting, storing or assembling goods by hand (sometimes in the context of mechanised operations); operating non-motorised vehicles; and picking fruit and vegetables.

Many occupations at Skill Level 1 may require physical strength and/or endurance. For some jobs, basic skills in literacy and numeracy may be required. If required these skills would not be a major part of the work.

For competent performance in some occupations at Skill Level 1, completion of primary education or the first stage of basic education (ISCED-2011 Levels 1 and 2) may be required. A short period of on-the-job training may be required for some jobs.

Occupations classified at Skill Level 1 include office cleaners, freight handlers, garden labourers and kitchen assistants.

### Skill Level 2

Occupations at Skill Level 2 typically involve the performance of tasks such as operating machinery and electronic equipment; driving vehicles; maintenance and repair of electrical and mechanical equipment; manipulation, ordering and storage of information; caring for people; retailing; clerical and secretarial tasks.

For almost all occupations at Skill Level 2 the ability to read information such as safety instructions, to make written records of work completed, and to accurately perform simple arithmetical calculations is essential. Many occupations at this skill level require relatively advanced literacy and numeracy skills and good interpersonal communication skills. In some occupations, these skills are required for a major part of the work. Many occupations at this skill level require a high level of manual dexterity.

The knowledge and skills required for competent performance in occupations at Skill Level 2 are generally obtained through completion of the first stage of secondary education (ISCED-

2011 Level 2). Some occupations require the completion of the second stage of secondary education (ISCED-2011 Level 3), which may include a significant component of specialised vocational education and on-the-job training. Some occupations may also require completion of vocation-specific education undertaken after completion of secondary education (ISCED-2011 Level 4). Experience and on-the-job training may substitute for formal education.

Occupations classified at Skill Level 2 include; bus drivers, secretaries, accounts clerks, sewing machinists, shop sales assistants, hairdressers, and machine operators.

### Skill Level 3

Occupations at Skill Level 3 typically involve the performance of complex technical and practical tasks that require an extensive body of factual, technical and procedural knowledge in a specialised field. Examples of specific tasks performed include ensuring compliance with health, safety and related regulations; preparing detailed estimates of quantities and costs of materials and labour required for specific projects; coordinating, supervising, controlling and scheduling the activities of other workers; and performing technical functions in support of professionals.

Occupations at this skill level generally require a high level of literacy and numeracy and well-developed interpersonal communication skills. These skills may include the ability to understand complex written material, prepare factual reports and communicate verbally in difficult circumstances.

The knowledge and skills required for competent performance in occupations at Skill Level 3 are usually obtained as the result of study at a higher educational institution for a period of 1-3 years following completion of secondary education (ISCED-2011 Level 5). In some cases, extensive relevant work experience and prolonged on-the-job training may substitute for the formal education.

Occupations classified at Skill Level 3 include medical laboratory technicians, business development managers, diagnostic medical radiographers, IT user support technicians, aircraft technicians, plumbers and gas fitters, and broadcasting and recording technicians.

### Skill Level 4

Occupations at Skill Level 4 typically involve the performance of tasks that require complex problem-solving, decision-making and creativity based on an extensive body of theoretical and factual knowledge in a specialised field. The tasks performed typically include analysis and research to extend the body of human knowledge in a particular field, diagnosis and treatment of disease, imparting knowledge to others, and design of structures or machinery and of processes for construction and production.

Occupations at this skill level generally require extended levels of literacy and numeracy, sometimes at a very high level, and excellent interpersonal communication skills. These skills usually include the ability to understand complex written material and communicate complex ideas in media such as books, images, performances, reports, and oral presentations.

The knowledge and skills required for competent performance in occupations at Skill Level 4 are usually obtained as the result of study at a higher educational institution for a period of 3-6 years leading to the award of a first degree or higher qualification (ISCED-2011 Level 5 or higher). In some cases, extensive experience and on-the-job training may substitute for the formal education or may be required in addition to formal education. In many cases appropriate formal qualifications are an essential requirement for entry to the occupation.

Occupations classified at Skill Level 4 include civil engineers, secondary school teachers, medical practitioners, operating theatre nurses and computer systems analysts.

**Table 2. Mapping of the four SOC2020 skill levels to ISCED-2011 levels of education**

Skill Level	Typical ISCED-2011 levels
4	6 and above. Second stage of tertiary education (leading to an advanced higher education qualification)
	5 First stage of tertiary education, 1st degree (medium duration)
3	5 First stage of tertiary education (short or medium duration)
	4 Post-secondary, non-tertiary education
2	3 Upper secondary level of education
	2 Lower secondary level of education
	1 Primary level of education

The use of ISCED categories to assist in defining the four skill levels does not imply that the skills necessary to perform the tasks and duties of a given job can be acquired only through formal education. The skills may be, and often are, acquired through informal training and experience. In addition, it should be emphasised that the focus in SOC2020, as in ISCO08, is on the skills required to carry out the tasks and duties of an occupation - and not on whether a worker employed in a particular occupation is more or less skilled than another worker in the same occupation.

Formal education and training requirements are thus only one component of the measurement of skill level and should be seen as indicative. The most important determinant of skill level is the nature of the tasks performed in a particular occupation in relation to the characteristic tasks defined for each skill level. In considering these tasks, however, it should be noted that the level of generic skills (those skills that are not specific to a particular occupational group and are required for many jobs) may differ significantly

between occupations due to the nature of the job. For example, insurance representatives classified at Skill Level 3 may require a higher level of interpersonal communication skills than software developers at Skill Level 4, mainly due to differences in nature of the work performed.

Since the entity classified is the job, not the person who holds the job, it is not relevant to consider the skills or qualifications held by the person in order to classify the job. It is not necessary for a person to hold qualifications at a particular level in order for their job to be classified at a particular ISCO08 skill level. Thus, for example, a person who is employed in a job that requires the performance of the tasks of a bricklayer should be classified in Unit Group 5313: Bricklayers whether or not that person holds formal qualifications as a bricklayer. Similarly, a person who is employed in a job that requires the performance of the tasks of a veterinarian should be classified in Unit Group 2240: Veterinarians, whether or not that person holds formal qualifications as a veterinarian or is competent to perform these tasks.

Finally, it should be noted that the concept of skill level is applied by considering the level of skill required for competent performance of the tasks required for entry-level jobs in a particular occupational group. Some individuals employed in occupations classified at a particular skill level may therefore possess higher or lower skills. The level of skill required for more senior jobs in a particular occupation may also be higher than that required for the occupation as a whole.

## Appendix 2: Estimating the proportion of education teaching professionals in STEM-M&H occupations

### Secondary education

At the most detailed level for which statistical information is currently available (unit groups) SOC2020 does not distinguish secondary education teaching occupations according to the subject taught. However, other sources of information on the teaching workforce can provide estimates of the number of teachers who fall within the STEM-M&H definitions. For England, the annual Schools Workforce Statistics can be drawn on to provide an estimate of the proportion of secondary school teachers teaching year groups 7-13 who can be defined as STEM specialist teachers.

The table below draws on this source to show the head count of qualified teachers teaching STEM subjects, by subject taught to year groups 7-13 in all state funded secondary schools in English state-funded schools in 2016.

Subject taught	Head count (thousands)	%
Mathematics	34.4	15
All Sciences	36.6	17
Design and technology	11.3	5
Other/Combined Technology	13.6	6
Engineering	1.4	-
ICT	12.4	6
All qualified teachers in England teaching to year groups 7-13	223.8	

Department for Education (2017) Schools Workforce in England November 2016.

This information, in combination with an estimate of the number of teachers in the England School Workforce who teach to year groups 7-13, can be used to produce an estimate of the number of teachers who fall into the STEM category definitions. The calculation is complex, requiring detailed knowledge about the manner in which school workforce statistics are collected and compiled. It should be noted also that the above statistics refer only to state-

funded schools, not those which are privately funded. Wales and Scotland may collect and process similar information.

To develop the best possible estimate of the STEM teaching workforce in the UK, the Department for Education should be requested to investigate these issues further and to prepare statistical guidance on such calculations for the four countries of the UK.

### Higher Education

The Higher Education Statistics Agency (HESA) collects information about all academic staff in UK higher education institutions. Among the information collected is the item 'Current academic discipline'. This field records the Joint Academic Coding System (JACS 3.0) code<sup>4</sup> for the academic discipline(s) currently being taught and/or researched by the member of staff. From this information, it should be possible to create a factor which can be applied to SOC2020 unit group 2311 'Higher Education Teaching Professional' to derive an estimate of the STEM workforce in this occupational area.

The use of additional information such as that provided by HESA suggests that this could provide a way of identifying STEM-M&H from non-STEM-M&H. However, the HESA academic staff record can only provide a method whereby staff employed in an academic post at an institution making a staff return to HESA can be identified according to the academic subject they teach or research. This applies only to staff employed in an academic role in a higher education institution and can be used to examine clinical academic staff, non-clinical academic staff, post-doctoral researchers who are employed at an academic institution and contract research staff. It will not assist in identifying those at different stages of the career pipeline who are not employed in a higher education institution. The recommendation to use this additional source of information is designed specifically to overcome the problem associated with the SOC code 2311, which does not distinguish STEM-M&H from non-STEM-M&H.

### Further Education

It should be possible to obtain estimates of the proportion of Further Education teaching staff in England who teach STEM subjects from the Staff Individual Record. However, inconsistencies in data compiled from such records have been reported<sup>5</sup>.

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<sup>4</sup> The Higher Education Classification of Subjects (HECoS) codes are replacing JACS codes, with a bridging classification designated as a Common Aggregation Hierarchy (CAH) providing the link between the two. These will be used in the UK Labour Force survey to code the subject of study for those holding a degree-level qualification. However, there is no direct correspondence between subject studied by a degree holder and the occupation they hold.

<sup>5</sup> Frontier Economics (2017) 'Further Education Workforce for England: Analysis of the 2015-2016 Staff Individualised Record (SIR) data'. London, Education and Training Foundation



## Appendix 3: Apprenticeship Pathways and STEM-M&H occupations

The Institute for Apprenticeships and Technical Education (IfATE) has developed a detailed set of maps, showing the steps required to acquire skills and knowledge through apprenticeship training programmes<sup>6</sup>. Many of these lead to occupations designated as STEM-M&H or STEM-M&H-related. The apprenticeship standards designated on these maps have been mapped to SOC2020 at the 6-digit (sub-unit groups) level, enabling cross referencing between STEM-M&H occupations and the IfATE apprenticeship standards<sup>7</sup>.

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<sup>6</sup> See <https://www.instituteforapprenticeships.org/occupational-maps/>

<sup>7</sup> We are grateful to Neil Bachelor at Omnifolio CIC and the Gatsby Foundation for permission to reproduce these mappings.

## Appendix 4: The Engineering UK definition of ‘Engineering’ and ‘Engineering-related’ occupations

In its 2018 report, Engineering UK produced an appendix which listed a set of SOC2010 unit groups as ‘Engineering occupations’, together with a set designated as ‘Engineering-related’. This footprint of engineering occupations was jointly developed by EngineeringUK, the Royal Academy of Engineering, and the Engineering Council.

The report outlined the following methodology used to allocate SOC2010 unit groups to these categories:

### Engineering footprint: rules for inclusion and exclusion

Representatives from EngineeringUK, the Royal Academy of Engineering, and the Engineering Council agreed a set of rules on which to decide which SOC and SIC codes were included in the engineering footprint.

1. Elementary occupations that require no formal training or qualifications were not considered as engineering occupations and all occupations within the level 9 major group elementary occupations were removed
2. All remaining occupations were examined on the following basis:

Level of qualification required. If no formal qualifications were required above level 2, then:

- The occupation SOC code skill descriptor was examined - if the panel agreed that there was no clear engineering skills content within the descriptor, the occupation was removed.
  - If the panel did not agree, further information was obtained from an external body with specific knowledge of the skills and competencies of the occupations.
3. A second element of the classification was to decide whether the occupation should be counted as a ‘core’ engineering occupation or a ‘related’ engineering occupation, with the following definitions used:

**Core:** occupations that are primarily engineering-based and require the consistent application of engineering knowledge and skills to execute the role effectively.

**Related:** occupations that require a mixed application of engineering knowledge and skill alongside other skill sets, which are often of greater importance to executing the role effectively.

4. Where available, the numbers in a given job who were eligible for professional registration as an engineer were taken into consideration by the panel (using information from the Engineering Council’s project MERCATOR)

Source: Engineering UK 2018

Given the similarity of these approaches, it is interesting to review the differences between the classification presented in this document and that developed by Engineering UK. The Engineering UK’s list of ‘Engineering’ and Engineering-related occupations’, shown in Tables A1 and A2 below, was compared with the classification presented in this report. The differences between the two classifications are shown in tables A3 to A6.

**Table A1: EngineeringUK's 'Core Engineering' unit groups in SOC2010**

1121 Production managers and directors in manufacturing
1122 Production managers and directors in construction
1123 Production managers and directors in mining and energy
2121 Civil engineers
2122 Mechanical engineers
2123 Electrical engineers
2124 Electronics engineers
2126 Design and development engineers
2127 Production and process engineers
2129 Engineering professionals n.e.c.
2135 IT business analysts, architects and systems designers
2136 Programmers and software development professionals
2139 Information technology and telecommunications professionals n.e.c.
2142 Environment professionals
2150 Research and development managers
2461 Quality control and planning engineers
2462 Quality assurance and regulatory professionals
3112 Electrical and electronics technicians
3113 Engineering technicians
3114 Building and civil engineering technicians
3115 Quality assurance technicians
3116 Planning, process and production technicians
3119 Science, engineering and production technicians n.e.c.
3122 Draughtspersons
3565 Inspectors of standards and regulations
5211 Smiths and forge workers
5212 Moulders, core makers and die casters
5213 Sheet metal workers
5214 Metal plate workers, and riveters
5215 Welding trades
5216 Pipe fitters
5221 Metal machining setters and setter-operators
5222 Tool makers, tool fitters and markers-out
5223 Metal working production and maintenance fitters
5224 Precision instrument makers and repairers
5225 Air-conditioning and refrigeration engineers
5231 Vehicle technicians, mechanics and electricians
5232 Vehicle body builders and repairers
5235 Aircraft maintenance and related trades
5236 Boat and ship builders and repairers

5237 Rail and rolling stock builders and repairers  
 5241 Electricians and electrical fitters  
 5242 Telecommunications engineers  
 5244 TV, video and audio engineers  
 5245 IT engineers  
 5249 Electrical and electronic trades n.e.c.  
 5250 Skilled metal, electrical and electronic trades supervisors  
 5314 Plumbers and heating and ventilating engineers  
 5330 Construction and building trades supervisors  
 8115 Rubber process operatives  
 8116 Plastics process operatives  
 8117 Metal making and treating process operatives  
 8121 Paper and wood machine operatives  
 8122 Coal mine operatives  
 8123 Quarry workers and related operatives  
 8125 Metal working machine operatives  
 8126 Water and sewerage plant operatives  
 8129 Plant and machine operatives n.e.c.  
 8133 Routine inspectors and testers  
 8143 Rail construction and maintenance operatives

Source: Engineering UK 2018

**Table A2: Engineering UK's 'Related engineering' unit groups in SOC2010**

1136 Information technology and telecommunications directors  
 1255 Waste disposal and environmental services managers  
 2133 IT specialist managers  
 2134 IT project and programme managers  
 2137 Web design and development professionals  
 2431 Architects  
 2433 Quantity surveyors  
 2434 Chartered surveyors  
 2435 Chartered architectural technologists  
 2436 Construction project managers and related professionals  
 3121 Architectural and town planning technicians  
 3131 IT operations technicians  
 3132 IT user support technicians  
 3422 Product, clothing and related designers  
 3512 Aircraft pilots and flight engineers  
 5234 Vehicle paint technicians  
 5311 Steel erectors  
 5312 Bricklayers and masons  
 5313 Roofers, roof tilers and slaters

5315 Carpenters and joiners
5316 Glaziers, window fabricators and fitters
5319 Construction and building trades n.e.c.
8111 Food, drink and tobacco process operatives
8112 Glass and ceramics process operatives
8114 Chemical and related process operatives
8118 Electroplaters
8119 Process operatives n.e.c.
8124 Energy plant operatives
8131 Assemblers (electrical and electronic products)
8132 Assemblers (vehicles and metal goods)
8135 Tyre, exhaust and windscreen fitters
8139 Assemblers and routine operatives n.e.c.
8141 Scaffolders, staggers and riggers
8142 Road construction operatives
8149 Construction operatives n.e.c.
8221 Crane drivers
8232 Marine and waterways transport operatives

Source: Engineering UK 2018

This review was conducted in the following manner. First, it should be noted that Engineering UK's classification relates to SOC2010, whereas the classification presented in this report relates to SOC2020. Thus, the first and second columns in the tables below show the approximate relationship between SOC2020 and SOC2010, for the SOC unit groups where differences between the two classifications arise. Second, the range of jobs classified to each of these unit groups of SOC2020 was analysed to determine how well these jobs and their associated tasks fit with the definitions of the four STEM-M&H categories.

Table A3 shows those unit groups of SOC2020 which correspond to SOC2010 unit groups that are classified as 'Core Engineering' by Engineering UK but are not regarded as such in this report. The two unit groups in Major Group 2 consist of jobs that require primarily scientific knowledge rather than engineering knowledge and are classed in this report as 'Science'. Unit group 3581 'Inspectors of standards and regulations' consists of a mix of jobs that require knowledge of a range of standards and regulations, some of which cover engineering while others do not, hence the classification in this report to 'Engineering and Technology related\*'. The remaining eleven unit groups are operative categories at skill level 2. As such they do not qualify as 'Engineering and Technology' as defined in this report, but as 'Engineering and Technology related'.

Table A4 shows the seven unit groups of SOC2020 (and the corresponding unit groups of SOC2010) that are classified as 'Engineering-related' by Engineering UK but are not classified as such in this report. These fall into three categories – those which are IT related, hence falling within the 'Technology' definition of 'Engineering and Technology', those which are operative unit groups of Major Group and where analysis of the tasks involved in these jobs gives no indication of a link to engineering skills or knowledge, and unit group 2141 'Web

design professional' where analysis of jobs in this category reveals that the main skills required are design and artistic skills, hence the allocation to 'Not STEM-M&H'.

Table A5 consists of three unit groups which are the only groups where Engineering UK marks these as non-engineering, whereas this report regards the unit group as 'Engineering and Technology'. For unit group 3573, this arises because of the differentiation introduced in SOC2020 that allows 'Information technology trainers' to be classified to a separate unit group. This category, which was a sub-group within SOC2010, now falls within the definition of 'Engineering and Technology' adopted in this report. Of the other two unit groups, 'Graphic and multimedia designers' are designated as Engineering and Technology in this report due to the technology element, and for unit group 3512 'Ship and hovercraft officers' of the 108 job titles coded to this group 34 of these job titles contain the word 'engineer'.

Table A6 shows the eight unit groups which Engineering UK defines as non-engineering. For these unit groups, close inspection of the jobs classified to them reveals that there is a mix of jobs, some of which clearly indicate the use of engineering and technology related skills/knowledge or close working with those who have such skills and knowledge.



**Table A3: Engineering UK defines as 'Core engineering', IER defines as 'Science' or 'Engineering and Technology related'**

<b>SOC 2020 unit group</b>	<b>SOC 2010 unit group</b>	<b>Title of the SOC 2020 unit group</b>	<b>Title of the SOC 2010 unit group</b>	<b>Engineering UK definition</b>	<b>IER definition</b>
2152	2142	Environment professionals	Environment professionals	Core Engineering	Science
2482	2462	Quality assurance and regulatory professionals	Quality assurance and regulatory professionals	Core Engineering	Science
3581	3565	Inspectors of standards and regulations	Inspectors of standards and regulations	Core Engineering	Engineering and Technology related*
8119	8115	Process operatives n.e.c	Rubber process operatives	Core Engineering	Engineering and Technology related*
8114	8116	Plastics process operatives	Plastics process operatives	Core Engineering	Engineering and Technology related
8115	8117	Metal making and treating process operatives	Metal making and treating process operatives	Core Engineering	Engineering and Technology related
8131	8121	Paper and wood machine operatives	Paper and wood machine operatives	Core Engineering	Engineering and Technology related
8132	8122	Mining and quarry workers and related operatives	Coal mine operatives	Core Engineering	Engineering and Technology related
8132	8123	Mining and quarry workers and related operatives	Quarry workers and related operatives	Core Engineering	Engineering and Technology related
8120	8125	Metal working machine operatives	Metal working machine operatives	Core Engineering	Engineering and Technology related



8134	8126	Water and sewerage plant operatives	Water and sewerage plant operatives	Core Engineering	Engineering and Technology related
8139	8129	Plant and machine operatives n.e.c	Plant and machine operatives n.e.c.	Core Engineering	Engineering and Technology related
8143	8133	Routine inspectors and testers	Routine inspectors and testers	Core Engineering	Engineering and Technology related*
8153	8143	Rail construction and maintenance operatives	Rail construction and maintenance operatives	Core Engineering	Engineering and Technology related

**Table A4: Engineering UK defines as 'Related engineering', IER defines as 'Engineering and Technology' or 'Not-STEM-M&H'**

<b>SOC 2020 unit group</b>	<b>SOC 2010 unit group</b>	<b>Title of the SOC 2020 unit group</b>	<b>Title of the SOC 2010 unit group</b>	<b>Engineering UK definition</b>	<b>IER definition</b>
2131	2134	IT project managers	IT project and programme managers	Related engineering	Engineering and Technology
2141	2137	Web design professionals	Web design and development professionals	Related engineering	Not STEM-M&H
3131	3131	IT operations technicians	IT operations technicians	Related engineering	Engineering and Technology
3133		Database administrators and web content technicians			Engineering and Technology
3132	3132	IT user support technicians	IT user support technicians	Related engineering	Engineering and Technology
8111	8111	Food, drink and tobacco process operatives	Food, drink and tobacco process operatives	Related engineering	Not STEM-M&H
8149	8139	Assemblers and routine operatives n.e.c	Assemblers and routine operatives n.e.c.	Related engineering	Not STEM-M&H

**Table A5: IER defines as 'Engineering and Technology', Engineering UK defines as 'Not engineering'**

<b>SOC 2020 unit group</b>	<b>SOC 2010 unit group</b>	<b>Title of the SOC 2020 unit group</b>	<b>Title of the SOC 2010 unit group</b>	<b>Engineering UK definition</b>	<b>IER definition</b>
2142	3421	Graphic and multimedia designers	Graphic designers	Not engineering	Engineering and Technology
3512	3513	Ship and hovercraft officers	Ship and hovercraft officers	Not engineering	Engineering and Technology
3573	3563	Information technology trainers	Vocational and industrial trainers and instructors	Not engineering	Engineering and Technology

**Table A6: IER defines as 'Engineering and Technology related', Engineering UK defines as 'Not engineering'**

<b>SOC 2020 unit group</b>	<b>SOC 2010 unit group</b>	<b>Title of the SOC 2020 unit group</b>	<b>Title of the SOC 2010 unit group</b>	<b>Engineering UK definition</b>	<b>IER definition</b>
1161	1171	Officers in armed forces	Officers in armed forces	Not engineering	Engineering and Technology related*
1211	1211	Managers and proprietors in agriculture and horticulture	Managers and proprietors in agriculture and horticulture	Not engineering	Engineering and Technology related*
3311	3311	Non-commissioned officers and other ranks	NCOs and other ranks	Not engineering	Engineering and Technology related*
3313	3313	Fire service officers (watch manager and below)	Fire service officers (watch manager and below)	Not engineering	Engineering and Technology related

3417	3417	Photographers, audio-visual and broadcasting equipment operators	Photographers, audio-visual and broadcasting equipment operators	Not engineering	Engineering and Technology related
3582	3567	Health and safety managers and officers	Health and safety officers	Not engineering	Engineering and Technology related
5421	5421	Pre-press technicians	Pre-press technicians	Not engineering	Engineering and Technology related
5422	5422	Printers	Printers	Not engineering	Engineering and Technology related