The Office for National Statistics uses standard occupational codes as a classification for the Labour Force Survey data. This is the source WISE uses to generate statistics on women in the UK STEM workforce. The list below shows codes included in medical STEM and core STEM.

### Standard Occupational Classification Codes

**Medical STEM:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>118</td>
<td>Health and Social Services Managers and Directors</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1181 Health services and public health managers and directors</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>1184 Social services managers and directors</td>
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<tr>
<td>221</td>
<td>Health professionals</td>
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</tr>
<tr>
<td></td>
<td>2211 Medical practitioners</td>
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</tr>
<tr>
<td></td>
<td>2212 Psychologists</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>2213 Pharmacists</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>2214 Ophthalmic opticians</td>
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</tr>
<tr>
<td></td>
<td>2215 Dental practitioners</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>2216 Veterinarians</td>
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</tr>
<tr>
<td></td>
<td>2217 Medical radiographers</td>
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</tr>
<tr>
<td></td>
<td>2218 Podiatrists</td>
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<tr>
<td></td>
<td>2219 Health professionals n.e.c.</td>
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</tr>
<tr>
<td>222</td>
<td>Therapy professionals</td>
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</tr>
<tr>
<td></td>
<td>2221 Physiotherapists</td>
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</tr>
<tr>
<td></td>
<td>2222 Occupational therapists</td>
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</tr>
<tr>
<td></td>
<td>2223 Speech and language therapists</td>
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<tr>
<td></td>
<td>2229 Therapy professionals n.e.c.</td>
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<tr>
<td>223</td>
<td>Nursing and midwifery professionals</td>
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<tr>
<td></td>
<td>321 Health associate professionals</td>
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</tr>
<tr>
<td></td>
<td>3213 Paramedics</td>
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</tr>
<tr>
<td></td>
<td>3216 Dispensing opticians</td>
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<tr>
<td></td>
<td>3217 Pharmaceutical technicians</td>
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<td>3218 Medical and dental technicians</td>
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<tr>
<td></td>
<td>3219 Health associate professionals n.e.c.</td>
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<tr>
<td>323</td>
<td>Welfare and Housing Associate Professionals</td>
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<tr>
<td></td>
<td>3231 Youth and community workers</td>
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<tr>
<td></td>
<td>3233 Child and early years officers</td>
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<tr>
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<td>3234 Housing officers</td>
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<tr>
<td></td>
<td>3235 Counsellors</td>
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<tr>
<td></td>
<td>3239 Welfare and housing associate professionals n.e.c.</td>
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**Core-STEM:**

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<th>Code</th>
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<tbody>
<tr>
<td>112</td>
<td>Production managers and directors</td>
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<tr>
<td></td>
<td>1121 Production, works and maintenance managers</td>
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</tr>
<tr>
<td></td>
<td>1122 Managers in construction</td>
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</tr>
<tr>
<td></td>
<td>1123 Managers in mining and energy</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>1136 Information and communications technology managers</td>
<td>✓</td>
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<tr>
<td>117</td>
<td>Senior Officers in Protective Services</td>
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<tr>
<td></td>
<td>1171 Officers in armed forces</td>
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<tr>
<td></td>
<td>1172 Senior police officers</td>
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<td>Code</td>
<td>Description</td>
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</tr>
<tr>
<td>1173</td>
<td>Senior officers, fire, ambulance, prison and related services</td>
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<tr>
<td>125</td>
<td><strong>Managers and Proprietors in Other Services</strong></td>
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<tr>
<td></td>
<td>1251 Property, housing and estate managers</td>
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</tr>
<tr>
<td></td>
<td>1252 Garage managers and proprietors</td>
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<tr>
<td></td>
<td>1253 Hairdressing and beauty salon managers and proprietors</td>
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<tr>
<td></td>
<td>1254 Shopkeepers and proprietors – wholesale and retail</td>
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<tr>
<td></td>
<td>1255 Waste disposal and environmental services managers</td>
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</tr>
<tr>
<td></td>
<td>1259 Managers and proprietors in other services n.e.c.</td>
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<tr>
<td>211</td>
<td><strong>Natural and social science professionals</strong></td>
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<tr>
<td></td>
<td>2111 Chemical Scientists</td>
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</tr>
<tr>
<td></td>
<td>2112 Biological Scientists &amp; Biochemists</td>
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</tr>
<tr>
<td></td>
<td>2113 Physical scientists</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2114 Social and humanities scientists</td>
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</tr>
<tr>
<td></td>
<td>2119 Natural and social science professionals n.e.c.</td>
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<tr>
<td>212</td>
<td><strong>Engineering professionals</strong></td>
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<tr>
<td>213</td>
<td><strong>Information technology &amp; telecommunications professionals</strong></td>
<td></td>
</tr>
<tr>
<td>214</td>
<td><strong>Conservation &amp; environment professionals</strong></td>
<td></td>
</tr>
<tr>
<td>215</td>
<td><strong>Research &amp; development managers</strong></td>
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</tr>
<tr>
<td>231</td>
<td><strong>Teaching and education professionals</strong></td>
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<tr>
<td></td>
<td>2311 Higher education teaching professionals</td>
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<tr>
<td></td>
<td>2312 Further education teaching professionals</td>
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<tr>
<td></td>
<td>2314 Secondary education teaching professionals</td>
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</tr>
<tr>
<td></td>
<td>2315 Primary and nursery education teaching professionals</td>
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</tr>
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<td></td>
<td>2316 Special needs education teaching professionals</td>
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<tr>
<td></td>
<td>2317 Senior professionals of educational establishments</td>
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<tr>
<td></td>
<td>2318 Education advisers and school inspectors</td>
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<tr>
<td></td>
<td>2319 Teaching and other educational professionals n.e.c.</td>
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<tr>
<td>242</td>
<td><strong>Business Research and administrative professionals</strong></td>
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<tr>
<td></td>
<td>2421 Chartered and certified accountants</td>
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<tr>
<td></td>
<td>2423 Management consultants and business analysts 1</td>
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<td></td>
<td>2424 Business and financial project management professionals</td>
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<tr>
<td></td>
<td>2425 Actuaries, economists and statisticians</td>
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<td></td>
<td>2426 Business and related research professionals</td>
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<tr>
<td></td>
<td>2429 Business, research and administrative professionals n.e.c.</td>
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<tr>
<td>243</td>
<td><strong>Architects, town planners and surveyors</strong></td>
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<tr>
<td>246</td>
<td><strong>Quality and Regulatory Professionals</strong></td>
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<tr>
<td>311</td>
<td><strong>Science, engineering and production technicians</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3111 Laboratory technicians</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3112 Electrical and electronics technicians</td>
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<tr>
<td></td>
<td>3113 Engineering technicians</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3114 Building and civil engineering technicians</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3115 Quality assurance technicians</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3116 Planning, process and production technicians</td>
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</tr>
<tr>
<td></td>
<td>3119 Science, engineering and production technicians n.e.c.</td>
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<tr>
<td>312</td>
<td><strong>Draughtspersons and Building inspectors</strong></td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
<th>Status</th>
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<tbody>
<tr>
<td>313</td>
<td>IT Technicians</td>
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<tr>
<td>342</td>
<td><strong>Design Occupations</strong></td>
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<tr>
<td></td>
<td>3421 Graphic designers</td>
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<tr>
<td></td>
<td>3422 Product, clothing and related designers</td>
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<tr>
<td>351</td>
<td><strong>Transport Associate Professionals</strong></td>
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<tr>
<td></td>
<td>3511 Air traffic controllers</td>
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<tr>
<td></td>
<td>3512 Aircraft pilots and flight engineers</td>
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<tr>
<td></td>
<td>3513 Ship and hovercraft officers</td>
<td>✗</td>
</tr>
<tr>
<td>355</td>
<td><strong>Conservation and Environmental associate professionals</strong></td>
<td>✔</td>
</tr>
<tr>
<td>356</td>
<td><strong>Public Services and Other Associate Professionals</strong></td>
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<tr>
<td></td>
<td>3561 Public services associate professionals</td>
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<td></td>
<td>3562 Human resources and industrial relations officers</td>
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<tr>
<td></td>
<td>3563 Vocational and industrial trainers and instructors</td>
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<tr>
<td></td>
<td>3564 Careers advisers and vocational guidance specialists</td>
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<tr>
<td></td>
<td>3565 Inspectors of standards and regulations</td>
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<td>3567 Health and safety officers</td>
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</table>

**STEM Skilled Trades:**

<table>
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<tr>
<th>Code</th>
<th>Occupation</th>
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<tbody>
<tr>
<td>521</td>
<td><strong>Metal forming, welding and related trades</strong></td>
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<tr>
<td>522</td>
<td><strong>Metal machining, fitting and instrument-making trades</strong></td>
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</tr>
<tr>
<td>523</td>
<td><strong>Vehicle trades</strong></td>
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<tr>
<td>524</td>
<td><strong>Electrical and electronic trades</strong></td>
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<tr>
<td></td>
<td>5241 Electricians and electrical fitters</td>
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</tr>
<tr>
<td></td>
<td>5242 Telecommunications engineers</td>
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</tr>
<tr>
<td></td>
<td>5244 TV, video and audio engineers</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>5245 IT engineers</td>
<td>✔</td>
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<tr>
<td></td>
<td>5249 Electrical and electronic trades n.e.c.4</td>
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<tr>
<td>525</td>
<td><strong>Skilled metal, electrical and electronic trades supervisors</strong></td>
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<tr>
<td>531</td>
<td><strong>Construction trades</strong></td>
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<tr>
<td>532</td>
<td><strong>Building trades</strong></td>
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</tr>
<tr>
<td>533</td>
<td><strong>Construction &amp; Building Trades Supervisors</strong></td>
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</tr>
<tr>
<td>541</td>
<td><strong>Textiles and garment trades</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5411 Weavers and knitters</td>
<td>✗</td>
</tr>
<tr>
<td></td>
<td>5412 Upholsterers</td>
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<tr>
<td></td>
<td>5413 Footwear and leather working trades</td>
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</tr>
<tr>
<td></td>
<td>5414 Tailors and dressmakers</td>
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</tr>
<tr>
<td></td>
<td>5419 Textiles, garments and related trades n.e.c.4</td>
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<tr>
<td>542</td>
<td><strong>Printing Trades</strong></td>
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<tr>
<td></td>
<td>5421 Pre-press technicians</td>
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</tr>
<tr>
<td></td>
<td>5422 Printers</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>5423 Print finishing and binding workers</td>
<td>✗</td>
</tr>
<tr>
<td>811</td>
<td><strong>Process Operatives</strong></td>
<td>✔</td>
</tr>
<tr>
<td>812</td>
<td><strong>Plant &amp; Machine Operatives</strong></td>
<td>✔</td>
</tr>
<tr>
<td>813</td>
<td><strong>Assemblers &amp; Routine Operatives</strong></td>
<td>✔</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------------------</td>
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</tr>
</tbody>
</table>
| 8131  | Assemblers (electrical and electronic products)              | ✓  
| 8132  | Assemblers (vehicles and metal goods)                       | ✓  
| 8133  | Routine inspectors and testers                               | ✓  
| 8134  | Weighers, graders and sorters                                | ✓  
| 8135  | Tyre, exhaust and windscreen fitters                         | ✓  
| 8137  | Sewing machinists                                            | ✗  
| 8139  | Assemblers and routine operatives n.e.c.4                    | ✓  
| 814   | **Construction Operatives**                                  |  
| 823   | **Other Drivers & Transport Operatives**                     |  
| 8231  | Train and tram drivers                                       | ✗  
| 8232  | Marine and waterways transport operatives                    | ✓  
| 8233  | Air transport operatives                                     | ✗  
| 8234  | Rail transport operatives                                    | ✗  
| 8239  | Other drivers and transport operatives n.e.c.4               | ✗  
| 912   | **Elementary Construction Occupations**                      | ✓  
| 913   | **Elementary Process Plant Occupations**                     | ✓  

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