



## List of bottleneck professions according to Section 18g (1) (2) (1) of the Residence Act (AufenthG)

Extract of the Commission Recommendation of 29 October 2009 on the use of the International Standard  
Classification of Occupations (ISCO-08) \*

The list of bottleneck professions in Germany is provided to lay out comprehensive information for (prospective) skilled workers and employers on the regulations of the new Skilled Immigration Act. Having knowledge of the current bottleneck professions' specific job titles is especially of significance for application procedure for the EU Blue Card and the point system for the opportunity card (Chancenkarte).

### Group 132

#### 132. Manufacturing, mining, construction, and distribution managers

1321 Manufacturing managers

1322 Mining managers

1323 Construction managers

1324 Supply, distribution and related managers

### Group 133

#### 133. Information and communications technology service managers

1330 Information and communications technology service managers

### Group 134

#### 134. Professional services managers

1341 Childcare services managers

1342 Health services managers

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\*The Commission Recommendation of 29 October 2009 on the use of the International Standard Classification of Occupations (ISCO-08) can be accessed here: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32009H0824>.

- 1343 Aged care services managers
- 1344 Social welfare managers
- 1345 Education managers
- 1346 Financial and insurance services branch managers
- 1349 Professional services managers not elsewhere classified

## **Group 21**

### **21. Science and engineering professionals**

#### **211. Physical and earth science professionals**

- 2111 Physicists and astronomers
- 2112 Meteorologists
- 2113 Chemists
- 2114 Geologists und geophysicists

#### **212. Mathematicians, actuaries and statisticians**

- 2120 Mathematicians, actuaries and statisticians

#### **213. Life science professionals**

- 2131 Biologists, botanists, zoologists and related professionals
- 2132 Farming, forestry and fisheries advisers
- 2133 Environmental protection professionals

#### **214. Engineering professionals (excluding electrotechnology)**

- 2141 Industrial and production engineers
- 2142 Civil engineers
- 2143 Environmental engineers
- 2144 Mechanical engineers
- 2145 Chemical engineers
- 2146 Mining engineers, metallurgists and related professionals
- 2149 Engineering professionals not elsewhere classified

#### **215. Electrotechnology engineers**

- 2151 Electrical engineers
- 2152 Electronics engineers
- 2153 Telecommunications engineers

## **216. Architects, planners, surveyors and designers**

2161 Building architects

2162 Landscape architects

2163 Product and garment designers

2164 Town and traffic planners

2165 Cartographers and surveyors

2166 Graphic and multimedia designers

## **Group 221**

### **221. Medical doctors**

2211 Generalist medical practitioners

2212 Specialist medical practitioners

## **Group 222**

### **222. Nursing and midwifery professionals**

2221 Nursing professionals

2222 Midwifery professionals

## **Group 225**

### **225. Veterinarians**

2250 Veterinarians

## **Group 226**

### **226. Other health professionals**

2261 Dentists

2262 Pharmacists

2263 Environmental and occupational health and hygiene professionals

2264 Physiotherapists

2265 Dieticians and nutritionists

2266 Audiologists and speech therapists

2267 Optometrists and ophthalmic opticians

2269 Health professionals not elsewhere classified

## Group 23

### 23. Teaching professionals

#### 231. University and higher education teachers

2310 University and higher education teachers

#### 232. Vocational education teachers

2320 Vocational education teachers

#### 233. Secondary education teachers

2330 Secondary education teachers

#### 234. Primary school and early childhood teachers

2341 Primary school teachers

2342 Early childhood educators

#### 235. Other teaching professionals

2351 Education methods specialists

2352 Special needs teachers

2353 Other language teachers

2354 Other music teachers

2355 Other arts teachers

2356 Information technology trainers

2359 Teaching professionals not elsewhere classified

## Group 25

### 25. Information and communications technology professionals

#### 251. Software and applications developers and analysts

2511 Systems analysts

2512 Software developers

2513 Web and multimedia developers

2514 Applications programmers

2519 Software and applications developers and analysts not elsewhere classified

#### 252. Database and network professionals

2521 Database designers and administrators

2522 Systems administrators

2523 Computer network professionals

2529 Database and network professionals not elsewhere classified