## Class 42

Scientific and technological services and research and design relating thereto; industrial analysis, industrial research and industrial design services; quality control and authentication services; design and development of computer hardware and software.

### Explanatory Note

Class 42 includes mainly services provided by persons in relation to the theoretical and practical aspects of complex fields of activities, for example, scientific laboratory services, engineering, computer programming, architectural services or interior design.

This Class includes, in particular:
  - services of engineers and scientists who undertake evaluations, estimates, research and reports in the scientific and technological fields, including technological consultancy;
  - computer and technology services for securing computer data and personal and financial information and for the detection of unauthorized access to data and information, for example, computer virus protection services, data encryption services, electronic monitoring of personally identifying information to detect identity theft via the internet;
  - software as a service (SaaS), platform as a service (PaaS);
  - scientific research services for medical purposes;
  - architectural and urban planning services;
  - certain design services, for example, industrial design, design of computer software and systems, interior design, packaging design, graphic arts design, dress designing;
  - surveying (engineering);
  - oil, gas and mining exploration services.

This Class does not include, in particular:
  - certain research services, for example, business research (Cl. 35), marketing research (Cl. 35), financial research (Cl. 36), research in the field of education (Cl. 41), genealogical research (Cl. 45), legal research (Cl. 45);
  - business auditing (Cl. 35);
  - computerized file management (Cl. 35);
  - financial evaluation services (Cl. 36);
  - mining extraction, oil and gas drilling (Cl. 37);
  - installation, maintenance and repair of computer hardware (Cl. 37);
  - sound engineering services (Cl. 41);
  - certain design services, for example, landscape design (Cl. 44);
  - medical and veterinary services (Cl. 44);
  - legal services (Cl. 45).

| Basic No. | Indication |
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| 420008 | analysis for oil-field exploitation |
| 420292 | archaeological excavation |
| 420036 | architectural consultancy |
| 420011 | architectural services |
| 420277 | artificial intelligence consultancy |
| 420132 | authenticating works of art |
| 420017 | bacteriological research |

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| 420190 | biological research |
| 420295 | blockchain as a service [BaaS] |
| 420250 | business card design |
| 420136 | calibration [measuring] |
| 420268 | cartographic or thermographic measurement services by drone |
| 420228 | cartography services |
| 420007 | chemical analysis |
| 420031 | chemical research |
| 420030 | chemistry services |
| 420224 | clinical trials |
| 420202 | cloud seeding |
| 420271 | computer graphic design for video projection mapping |
| 420090 | computer programming |
| 420302 | computer programming of smart contracts on a blockchain |
| 420285 | computer programming services for data processing |
| 420083 | computer rental |
| 420235 | computer security consultancy |
| 420204 | computer software consultancy |
| 420139 | computer software design |
| 420177 | computer system analysis |
| 420194 | computer system design |
| 420232 | computer technology consultancy |
| 420206 | computer virus protection services |
| 420061 | conducting technical project studies |
| 420038 | construction drafting |
| 420141 | consultancy in the design and development of computer hardware |
| 420207 | consultancy in the field of energy-saving |
| 420203 | conversion of computer programs and data, other than physical conversion |
| 420198 | conversion of data or documents from physical to electronic media |
| 420045 | cosmetic research |
| 420240 | creating and designing website-based indexes of information for others [information technology services] |

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| 420199 | creating and maintaining websites for others |
| 420284 | culturing of cells for scientific research purposes |
| 420243 | data encryption services |
| 420242 | data security consultancy |
| 420267 | design of computer-simulated models |
| 420264 | design of costumes |
| 420048 | design of interior decor |
| 420266 | design of prototypes |
| 420265 | design of show scenery |
| 420249 | development of computer platforms |
| 420282 | development of video and computer games |
| 420272 | digital forensic investigations in the field of computer crimes |
| 420210 | digitization of documents [scanning] |
| 420304 | digitization of photographs [scanning] |
| 420142 | dress designing |
| 420306 | drug screening for forensic purposes |
| 420197 | duplication of computer programs |
| 420226 | electronic data storage |
| 420246 | electronic monitoring of credit card activity to detect fraud via the internet |
| 420245 | electronic monitoring of personally identifying information to detect identity theft via the internet |
| 420218 | energy auditing |
| 420064 | engineering |
| 420252 | exploration services in the field of the oil, gas and mining industries |
| 420307 | forensic pathology services |
| 420118 | geological prospecting |
| 420119 | geological research |
| 420062 | geological surveys |
| 420281 | geological test drilling |
| 420280 | geotechnical investigations |
| 420288 | golf course design |
| 420144 | graphic arts design |

| 420258 | graphic design of promotional materials |
| 420211 | handwriting analysis [graphology] |
| 420200 | hosting computer websites |
| 420303 | hosting software platforms for virtual reality-based work collaboration |
| 420296 | hosting virtual environments |
| 420049 | industrial design |
| 420221 | information technology [IT] support services [troubleshooting of software] |
| 420291 | inspection services for new and used vehicles before sale |
| 420201 | installation of computer software |
| 420237 | interior design |
| 420241 | internet security consultancy |
| 420079 | land surveying |
| 420287 | logo design services |
| 420176 | maintenance of computer software |
| 420058 | material testing |
| 420101 | mechanical research |
| 420257 | medical research |
| 420076 | meteorological information |
| 420269 | mining of crypto assets / cryptomining |
| 420215 | monitoring of computer system operation by remote access |
| 420244 | monitoring of computer systems for detecting unauthorized access or data breach |
| 420239 | monitoring of computer systems to detect breakdowns |
| 420298 | neuromorphic engineering |
| 420225 | off-site data backup |
| 420095 | oil prospecting |
| 420063 | oil-field surveys |
| 420042 | oil-well testing |
| 420050 | packaging design |
| 420308 | pathological testing for forensic purposes |
| 420248 | platform as a service [PaaS] |
| 420275 | providing geographic information |

| 420227 | providing information relating to computer technology and programming via a website |
| 420276 | providing online geographic maps, not downloadable |
| 420300 | providing online non-downloadable computer software |
| 420301 | providing online non-downloadable computer software for minting non-fungible tokens [NFTs] |
| 420212 | providing scientific information, advice and consultancy relating to carbon offsetting |
| 420289 | providing scientific information, advice and consultancy relating to net zero emissions |
| 420209 | providing search engines for the internet |
| 420229 | providing virtual computer systems through cloud computing |
| 420157 | quality control |
| 420213 | quality evaluation of standing timber |
| 420214 | quality evaluation of wool |
| 420283 | quantum computing |
| 420175 | recovery of computer data |
| 420159 | rental of computer software |
| 420274 | rental of data centre facilities |
| 420259 | rental of meters for the recording of energy consumption |
| 420297 | rental of scientific microscopes |
| 420305 | rental of smartglasses |
| 420294 | rental of telescopes |
| 420299 | rental of user-programmable humanoid robots, not configured |
| 420205 | rental of web servers |
| 420161 | research and development of new products for others |
| 420278 | research in the field of artificial intelligence technology |
| 420254 | research in the field of building construction |
| 420270 | research in the field of excavation |
| 420096 | research in the field of physics |
| 420255 | research in the field of telecommunications technology |
| 420256 | research in the field of welding |
| 420251 | scientific and technological research in the field of natural disasters |
| 420253 | scientific and technological research relating to patent mapping |
| 420217 | scientific laboratory services |

| 420222 | scientific research |
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| 420208 | scientific research in the field of environmental protection |
| 420290 | scientific research in the field of genetics |
| 420223 | server hosting |
| 420220 | software as a service [SaaS] |
| 420247 | software development in the framework of software publishing |
| 420286 | software engineering services for data processing |
| 420165 | styling [industrial design] |
| 420193 | surveying [engineering] |
| 420236 | technical writing |
| 420231 | technological consultancy |
| 420273 | technological consultancy services for digital transformation |
| 420040 | technological research |
| 420263 | telecommunication network security consultancy |
| 420233 | telecommunications technology consultancy |
| 420293 | testing and analysis of goods being imported or exported for quarantine clearance purposes |
| 420109 | textile testing |
| 420167 | underwater exploration |
| 420238 | unlocking of mobile phones |
| 420140 | updating of computer software |
| 420192 | urban planning |
| 420279 | user authentication services using blockchain technology |
| 420261 | user authentication services using single sign-on technology for online software applications |
| 420260 | user authentication services using technology for e-commerce transactions |
| 420195 | vehicle roadworthiness testing |
| 420216 | water analysis |
| 420234 | weather forecasting |
| 420219 | website design consultancy |
| 420262 | writing of computer code |