



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Vakexpert geo, data en design
Kwalificatiedossier: Geo, data en design

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Geo, data and design expert
Qualification file: Geo, data and design

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Gathers, processes and integrates geo-information

- 1.1 Measures geo-situations
- 1.2 Gathers, registers and manages geo-data
- 1.3 Collects geo-data
- 1.4 Updates and manages geo-information
- 1.5 Visualises geo-information

Core task 2: Prepares and organises the work

- 2.1 Uses tools and/or machines
- 2.2 Communicates about the work
- 2.3 Draws up and ensures implementation of a plan
- 2.4 Calculates and monitors the budget

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The Geo, data and design expert is mainly involved in gathering, integrating, visualising and/or analysing Geodata: data for or relating to locations. The Geo, data and design expert can be employed in various professional fields such as agriculture & horticulture, construction & infrastructure, public utilities, climate, nature & living environment, logistics & transport, healthcare & the social domain and nutrition & vitality. He can work within a variety of disciplines and professional fields as a professional in private and public organisations or as a freelancer. The Geo, data and design expert can be office based or work in the field. In the field, his work is focused above all on gathering/measuring data, while office work is focused mainly on processing, visualising and managing Geodata.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate

The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education, Culture and Science

*** Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information is available at: <http://www.europass.cedefop.europa.eu/>

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Level of the certificate (national or international) Qualification level 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF-niveau 4 - EQF level 4 - ISCED 3A</p>	<p>Grading scale / Pass requirements</p> <table style="border: none;"> <tr><td>10</td><td>excellent</td></tr> <tr><td>9</td><td>very good</td></tr> <tr><td>8</td><td>good</td></tr> <tr><td>7</td><td>very satisfactory</td></tr> <tr><td>6</td><td>pass</td></tr> <tr><td>5</td><td>fail</td></tr> <tr><td>4</td><td>unsatisfactory</td></tr> <tr><td>3</td><td>very unsatisfactory</td></tr> <tr><td>2</td><td>poor</td></tr> <tr><td>1</td><td>very poor</td></tr> </table>	10	excellent	9	very good	8	good	7	very satisfactory	6	pass	5	fail	4	unsatisfactory	3	very unsatisfactory	2	poor	1	very poor
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6	pass																				
5	fail																				
4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
1	very poor																				
<p>Access to next level of education/professions Transfer opportunities for the Geo, data and design expert include higher professional education Geo, Media & Design (HAS Den Bosch and Aeres University of Applied Sciences Almere), higher professional education ICT and Geo ICT University of Applied Sciences Utrecht, higher professional education NOVI University of Applied Sciences for IT and Geo ICT sectors Utrecht and Maastricht.</p>	<p>International agreements Geo, data and design expert is not a regulated profession in the Netherlands. However, the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.</p>																				
<p>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25841 The education and training for this qualification is offered as of 01-08-2023.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.</p>	
<p>Average duration of the education/ training leading to the certificate</p>	<p>3 years (4800 study hours) (depending on previous education)</p>
<p>Entry requirements The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.</p>	

7. ADDITIONAL INFORMATION

<p>Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information included in part 3 and 4 is derived directly from the qualification file determined by the Minister of Education, Culture and Science. The complete qualification file can be found at kwalificaties.s-bb.nl, only in Dutch.</p> <p>Optional subjects are linked to the qualification. The optional subjects have a total size of 15% of the course duration. The optional subjects completed by the student are listed on the certificate.</p> <p>Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.</p>
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