

1000 TALENTS

FOR THE DIGITAL DEVELOPMENT OF
LATIN AMERICA AND THE CARIBBEAN

Closing the gender gap

THIRD EDITION



RELACIONES EXTERIORES
SECRETARÍA DE RELACIONES EXTERIORES

AMEXCID
AGENCIA MEXICANA DE COOPERACIÓN
INTERNACIONAL PARA EL DESARROLLO

 **HUAWEI**

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CALL

The Government of Mexico, through the Ministry of Foreign Affairs, the Mexican Agency for International Development Cooperation (**AMEXCID**), together with the multinational technology company HUAWEI Technologies Co. Ltd., call for women and men students, professionals, academics interested in Information and Communication Technologies, to obtain the scholarship "**HUAWEI-SRE 1,000 Talents for Digital Development in Latin America and the Caribbean**" "**Closing the Digital Gender Gap**" **Third edition**.

The scholarship aims to promote the development of digital talents to strengthen their competitiveness, reduce the digital divide.

The selected people will be able to choose one of the most advanced digital technologies to take an online course and be certified an "Associate" Certified in ICT.

Among the technologies available are: **Data Communication, Artificial Intelligence, Storage, Internet of Things, Cloud Services and Big Data**, which are drivers of productivity and economic growth in the new digital age.

The scholarship is offered to nationals of the regions of Central America, the Caribbean and Latin America



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1. Type of studies:

Selected individuals will have free access to 100% online courses for the technology of their choice with a duration of 6 to 20 hours of study, accompanied by online sessions with Huawei experts to resolve doubts; upon completion of the course, they will have to take an exam and, to obtain the required score, they will be awarded an **HCIA (Huawei Certified ICT Associate)** certification that will allow them to take the certification exam online.

2. Courses:

The language in which the courses are taught is in English and Spanish (check availability) as well as the simulation exam and certification.

a) Artificial Intelligence (HCIA-AI):

Language in which it is taught: **English and Spanish**

Desirable prior knowledge

- Fundamentals of mathematics (basic knowledge of linear algebra, probability and statistics).
- Basic knowledge of Python programming.

b) Internet of Things (HCIA-IoT) :

Language in which it is taught: **English and Spanish**

Desirable prior knowledge

- Basic computer and Linux operating capabilities.

c) Data Communication (HCIA-Datacom):

Language in which it is taught: **English**

Desirable prior knowledge

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- Basic knowledge of PC operations.
- Basic knowledge of computer and network.

d) Data Storage:

Language in which it is taught: **English and Spanish**

- No prior knowledge requirements.

e) Cloud Services:

Language in which it is taught: **English and Spanish**

Desirable prior knowledge

- Basic knowledge of computer science.
- Basic knowledge of Linux server and operating system.
- Notions of storage.

f) Macro Data (Big Data):

Language in which it is taught: **English and Spanish**

Desirable prior knowledge

- It is preferable to have basic computing and Linux capabilities.

For detailed information see the "**Additional Information**" section of this Call, as well as on the website:

<https://huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>

It is suggested to use Chrome, Firefox or Internet Explorer browser to correctly view the functions of the website.



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3. Benefits of the scholarship:

- a) Exemption of course certification fee, which is \$200.00 USD. It is still the same cost.
- b) Support through online sessions with Huawei experts and partners to resolve questions.
- c) Participants who successfully pass the corresponding certification exam will be able to obtain an HCIA digital certificate valid for 3 years (at no cost).
- d) Diploma of participation.

4. Participating countries:

1. Antigua and Barbuda
2. Argentina
3. Bahamas
4. Barbados
5. Belize
6. Bolivia
7. Brazil
8. Chile
9. Colombia
10. Costa Rica
11. Cuba
12. Dominica
13. Dominican Republic
14. Ecuador
15. El Salvador
16. Granada
17. Guatemala
18. Guyana
19. Haiti
20. Honduras
21. Jamaica
22. Mexico
23. Nicaragua
24. Panama
25. Paraguay
26. Peru
27. Saint Kitts and Nevis
28. Saint Vincent and the Grenadines
29. St. Lucia
30. Suriname
31. Trinidad and Tobago
32. Uruguay
33. Venezuela

5. Requirements:

Applications will be received through the so-called "Academic Cooperation Management System" (**SIGCA**) on the website <https://sigca.sre.gob.mx/>, in which you must enter the following documents in PDF format (**maximum size 1.8 MB**):

- a) Letter of intent written in **English or Spanish**, which must contain the following:
 1. Personal presentation;
 2. Reasons why you want to apply for the Huawei-Certification course, as well as expectations;
- b) Brief description of the previous knowledge in the subject that is intended to take in this program which are in **section 2 "Courses"**
- c) "Applicant Questionnaire," available at:
<https://huawei.com/mx/events/mx/1000-talentos-para-el-desarrollo-digital> properly requisitioned.
- d) Passport or valid National Identity Document.
- e) Letter of recommendation in English or Spanish from a teacher or person with employment relationship;
- f) Document that endorses knowledge of the English language only when your mother tongue is different from English, in case the selected course is **DATA COM**.
- g) Optionally you can attach to your application certificates or diplomas of courses in Information and Communication Technologies that you have obtained in the last 24 months, which will allow you to obtain a higher qualification in your application.

6. Registration of applications:

Applicants will be able to register their candidacy on the page: <https://sigca.sre.gob.mx> from **June 20 to August 19, 2023** at 23:59 hours Mexico City time.

7. Ineligible applications:

- a) To the person who was awarded a scholarship in any of the previous editions of this Call.
- b) 2 or more applications are detected in the **(SIGCA)** for the same person.
- c) Persons with a nationality other than that indicated in the section **"Participating Countries"**
- d) When you do not complete your application through the **"APPLY"** button

**REFER THE ANNEX "APPLICANTS GUIDE" PRIOR TO REGISTER YOUR
CANDIDATURE"**

8. Stages of the Call:

Activity	Date
Reception of applications	June 20 to August 19, 2023
Review of applications	August 19 to September 01, 2023
Publication of scholarship results awarded	Between 02 and 9 September
Online course start	September 14, 2023

- a) Applications that do not meet all of the requirements will not be evaluated.
- b) The deadline for the receipt of applications will not be changed.
- c) Scholarships will be awarded through an evaluation and selection process from the date of publication.
- d) For minors, if selected, they will be requested to have written permission from their parent or legal guardian.
- e) No document will be received in physical form or by any other means other than that indicated in this Call.

9. Stages of the program:

- 1. Apply to the program through the website <https://sigca.sre.gob.mx/>;
- 2. If you are selected, you will receive a confirmation email;

3. Acceptance of the scholarship by the beneficiary;
4. Registration in the selected technology course, attendance at the online orientation session and registration of voucher for the selected area of study and certification;
5. Online study with assistance from Huawei experts and partners to resolve questions;
6. Presentation of certification examination;
7. Obtaining certification with validity of 3 years;
8. Award of diploma of participation in case of meeting the requirements.

10. Selection criteria:

- a) Completion in time and form of all the documentation for the application.
- b) Preference will be given to nominations by women.
- c) Evaluation of the information reflected in the "Applicant Questionnaire."
- d) Diplomas, courses or certificates in Information or Communication Technologies.

THE FINAL DECISION ON THE PROVISION OF THE GRANT IS INAPELABLE.

Once the applications have been selected, you will be contacted via email for data verification and you will be given instructions to enter the platform to start your registration process with Huawei, after acceptance of the scholarship by the candidate selected).

- a) This is not a scholarship from the Government of Mexico, the Ministry of Foreign Affairs (SRE) or the Mexican Agency for International Development Cooperation (AMEXCID).
- b) Once you have selected the course for certification, you will NOT be able to modify this selection.
- c) By submitting their application with the required documentation, the candidate declares that all the information reflected is true and accepts that the information is evaluated through the selection system described in this call to select the participants.
- d) The delivery of all the documentation does NOT guarantee that you will receive a scholarship.

- e) The recipients of the scholarship undertake to participate within a period not exceeding three months from the certification examination, an evaluation of the course in order to cooperate with the Mexican Agency for International Development Cooperation (AMEXCID) and HUAWEI in evaluating the impact of the scholarship program.

In case of questions for registration please contact: infobecas@sre.gob.mx or latamtalentos@huawei.com

Only questions will be answered and guidance on the registration process will be provided. Any other situation, you will be given an automatic response.

11. PROTECTION OF PERSONAL DATA

In compliance with the provisions of the Federal Law on Protection of Personal Data Held by Private Parties, Huawei Technologies de México, S.A. of C.V. puts at your disposal its Privacy Notice, which can be consulted at <http://www.huawei.com/mx> Any questions, queries or requirements related to this Privacy Notice may be directed to the following address: avisodeprivacidad@huawei.com

In addition, the Ministry of Foreign Affairs, through AMEXCID, reports that:

"Personal data is protected by the General Law on Protection of Personal Data in Possession of Obligated Subjects and the Federal Law on Transparency and Access to Public Information, Therefore, the security and confidentiality of such data must be guaranteed by preventing unauthorized access and use, disclosure, theft or other action that may undermine the right to the protection of personal data, in terms of the aforementioned regulations. Please refer to the privacy notice at the following e-link: <https://portales.sre.gob.mx/transparencia/amexcid/avisos-de-privacidad> "

Additional information

Courses with value.

Based on decades of experience, Huawei has developed an industry-recognized digital talent training model, accompanied by Huawei Certification covering all fields of ICT. Huawei also licenses courses composed of the latest knowledge and industry cases to higher education institutions to strengthen students' engineering and competitiveness practice skills.

Recommended applicable areas.

Computer Science, Computer Engineering, Information Systems, Information Technology, Software Engineering, Cyber Security, Data Science, Network Engineering, Communications Engineering, among others.

Huawei Certification structure.

The level of certification offered by Huawei in this call: Huawei Certified ICT Associate (HCIA).

For more information about courses and certifications offered by Huawei, visit: <https://huawei.com/mx/events/mx/1000-talents-para-el-desarrollo-digital>

Information about certification courses by Huawei

Artificial Intelligence (HCIA-AI)

General aspects of the course:

Its objective is to train the participants in the use of artificial intelligence, machine learning, deep learning and other technologies to achieve the design, development and innovation of products and solutions of Artificial Intelligence; is also the first step to qualify as an HCIA-AI Engineer by examination.

NOTE: Huawei also offers free Python courses and math topics required for the study of artificial intelligence.

Benefits:

Upon completion of the course, students will master the basic principles of Artificial Intelligence, general open source AI frameworks, and programming knowledge; they will also have the ability to design, develop and innovate AI products and solutions using technologies such as AI, machine learning and deep learning.

Data Storage (HCIA)

General aspects of the course:

Its goal is to empower participants to collaborate in the design, implementation, operation and management of Huawei storage systems; is also the first step to qualify as an HCIA-Storage Engineer by exam.

Benefits:

At the end of the course, they will be able to build SAN and NAS storage networks, as well as be able to operate and manage Huawei data storage.

Data Communication (HCIA-Datacom)

General aspects of the course:

Its goal is to empower participants to plan, design, deploy, manage O&M and optimize small and medium-sized campus networks; is also the first step to compete for the HCIA-Datacom Engineer certification by means of an exam.

Benefits:

Upon completion of the course, participants will have a basic understanding of data communication, including routing and switching principles, WLAN principles, network security, network management and O&M, SDN and programming automation.

Macro Data (HCIA-Big Data)

General aspects of the course:

Its goal is to empower participants to use open source Hadoop and Huawei Fusion Insight HD to operate and maintain big data platforms; is also the first step to compete for certification as an HCIA-Big Data Engineer by examination.

Benefits:

By the end of the course, participants will master open-source Big Data architecture and component knowledge and will be able to use Huawei's open-source Hadoop and Big Data HD FusionInsight product to complete basic Big Data features.

Internet of Things (HCIA IoT)

General aspects of the course:

It aims to empower participants to use Huawei's open source and HD FusionInsight Hadoop to complete the implementation, operation, and maintenance of the Big Data platform. It is also the first step to qualify as an HCIA-IoT Engineer by examination.

Benefits:

By the end of the course participants will master open source Big Data architecture and component knowledge, and will be able to use the open source Hadoop and Huawei's HD FusionInsight to complete basic Big Data features.

Cloud Services (HCIA Cloud Services)

General aspects of the course:

It aims to empower participants to collaborate in the implementation and O&M of cloud computing with virtualization technology. It is also the first step to qualify as an HCIA-Cloud Services Engineer by exam.

Benefits:

At the end of the course, participants will be able to use virtualization technology to build cloud computing and perform basic cloud computing operations.