Welcome!

Thank you for your interest in the 2019 Earth Data Analytics - Foundations professional graduate certificate! This certificate provides students with a powerful combination of skills in earth science, data analytics, interdisciplinary collaboration and science communication.

The certificate requires three sequential courses (9 credits) beginning in early August and ending in May and can be completed entirely online. You can learn more here.

Application Materials
Please have the following application materials ready before beginning your application:

- A resume/CV,
- Undergraduate transcripts (unofficial transcripts are acceptable), and
- A statement of interest. The statement of interest should consist of approximately 500 words describing your reasons for applying to the Certificate Program, how it will further your career and what aspects of your background (relevant prerequisite coursework, work experience, etc.) have prepared you to succeed in the program.

The priority application deadline is June 1st, 2019. Applications will continue to be accepted and reviewed on a rolling basis through July 20th, 2019 or until all seats are filled, whichever comes first.

Admission Requirements
This certificate is appropriate for recent graduates, experienced Earth Science professionals, and career changers.

Minimum Requirements
- Possess and provide documentation of an undergraduate degree (BS, BA or equivalent) in any academic field from an accredited academic institution
- The ability to read and write in English

**Preferred Requirements**

- At least one year of professional work experience
- At least one semester of college-level math, statistics or related quantitative coursework (can be substituted with quantitative professional experience)
- An undergraduate grade point average of 3.0 or higher

Questions? Please get in touch:

Leah Wasser, PhD  
Director, Earth Analytics Education Initiative  
Earth Lab - University of Colorado, Boulder  
earth.lab@colorado.edu

**Complete Your Application**

We anticipate that the application may take anywhere from 15 minutes to an hour or more. If you are unable to complete the application in one sitting, please email earth.lab@colorado.edu and you will be sent a link to continue where you left off.

Please do not complete the application multiple times.

**Earth Data Analytics - Foundations Professional Graduate Certificate**

This graduate certificate includes three courses and can be completed in less than 1 but up to 3 years. Would you still like to pursue this graduate certificate? If you select No the application will close.
Are you a current CU employee or student? If so, please email earth.lab@colorado.edu before beginning this application.

- Yes, I am a current CU employee or student.
- No, I am not a current CU employee or student.

**Contact Information**

First Name

Middle Initial

Last Name

Phone

Email

Address 1

Address 2

City

Country
U.S. State

International State / Province

intro-questions

Do you plan to take courses online or in person on the University of Colorado Boulder campus?

NOTE: You can always change your decision when you enroll in courses.

- Online
- On campus
- Both

How did you learn about this certificate?

- CU Boulder Earth Lab website
- earthdatascience.org website
- Google Search
- Friend
- Employer or colleague
- Twitter
What are your main areas of interest? (Select all that apply)

☐ Geosciences
☐ Geography
☐ Data science
☐ Environmental Science
☐ Biology / Biomedical Sciences
☐ Ecology
☐ Engineering
☐ Computer Science
☐ Informatics / IT
☐ Mathematics / Applied Mathematics
☐ Education
☐ Statistics
☐ Planning
☐ Other (please specify)

education-history

Education History

List all of the institutions from which you have received a post-secondary degree below, beginning with your undergraduate degree.

NOTE: A bachelor's degree from an accredited institution is required in order to enroll in this certificate program.

Institution 1

Name of Institution

Major(s)

Degree Received (e.g. B.S., B.A., M.S, etc.)

Year Graduated
Institution 2

Name of Institution

Major(s)

Degree Received (e.g. B.S., B.A., M.S, etc.)

Year Graduated

Grade Point Average

Institution 3

Name of Institution

Major(s)

Degree Received (e.g. B.S., B.A., M.S, etc.)

Year Graduated

Grade Point Average

professional-experience

Professional Experience

Do you have professional experience and if so are you willing to provide us with employment details?

- Yes
- No, I do not have previous work experience
- No, I do not wish to list current or previous work experience
Please list your current or most recent position in the space below.

In what industries have you worked? (Choose all that apply)

☐ Accounting
☐ Architecture
☐ Arts & Entertainment
☐ Banking & Finance
☐ Business Services & Consulting
☐ Community & Social Service
☐ Construction
☐ Customer Service
☐ Defense
☐ Education & Instruction
☐ Engineering
☐ Environmental Services
☐ GIS
☐ Government
☐ Healthcare
☐ Human Resources
☐ Information Design & Documentation
☐ IT Operations & Help
☐ Legal
☐ Logistics
☐ Management
☐ Marketing
☐ Mathematics
☐ Media & Communications
☐ Oil & gas
☐ Pharmaceuticals
☐ Production & Manufacturing
☐ Project Management
☐ Real Estate
☐ Sales
☐ Scientific Research
☐ Security & Public Safety
☐ Software Development
☐ Other (please specify)

diversity-information

OPTIONAL: Diversity and Inclusion

The questions below are entirely optional. They will help Earth Lab determine if our courses are reaching diverse audiences. Information supplied on
demographics will be confidential and results will only be reported in the aggregate (i.e. your name will NOT be attached to any results on this survey).

What is your racial background? (Select all that apply)

- Do not wish to provide
- American Indian or Alaska Native
- Native Hawaiian or Other Pacific Islander
- Asian
- Black or African American
- White
- Other

Are you Hispanic / Latino?

- Do not wish to provide
- Yes
- No

Please select your gender from the options below.

- Do not wish to provide
- Male
- Female
- Other

Please select your age range from the options below.
additional-documents

Documents

Please provide the following documents below in pdf format:

- Undergraduate transcript (unofficial is acceptable)
- Resume
- Statement of interest*

*The statement of interest should consist of approximately 500 words describing your reasons for applying to pursue the Earth Data Analytics - Foundations certificate and how it will further your career. Please highlight what aspects of your background (relevant prerequisite coursework, work experience, etc.) have prepared you to succeed in this certificate.

Resume / CV

Undergraduate transcript (unofficial is acceptable)
Statement of interest

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