Welcome!

Thank you for your interest in the 2018 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 the August Semester and ending in May and can be completed over a 9 month period online. You can learn more here.

Application Materials
Please have the following application materials ready before working on 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.

While the priority deadline of May 15th, 2018 has passed, applications will continue to be accepted and reviewed on a rolling basis through July 15th, 2018.

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.

Admission Requirements
This certificate is appropriate for recent graduates, experienced Earth Science professionals and professionals who want to change career tracks.

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:

Lauren Herwehe  
Program Manager, Earth Analytics Education Initiative  
Earth Lab - University of Colorado, Boulder  
lauren.herwehe@colorado.edu

Complete Your Application
REMINDER: We anticipate that the application below may take anywhere between 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.

- Yes, I want to apply for the professional certificate!
- No thanks.
Contact Information

☐ First Name ________________________________________________

☐ Middle Initial ________________________________________________

☐ Last Name ________________________________________________

☐ Phone ________________________________________________

☐ Email ________________________________________________

☐ Address 1 ________________________________________________

☐ Address 2 ________________________________________________

☐ City ________________________________________________

U.S. State

▼ I do not reside in the United States ... Wyoming

Country

▼ United States of America ... Zimbabwe

☐ Zip Code ________________________________________________

International State / Province

________________________________________________________________
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 / Colleague
- Twitter
- Facebook
- LinkedIn
- Other (please specify) ________________________________________________
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

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 __________________________

☐ Grade Point Average ________________________________________________

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

Options:
- Name of Institution ________________________________________________
- Major(s) __________________________________________________________
- Degree Received (e.g. B.S., B.A., M.S, etc.) ________________________________
- Year Graduated ________________________________
- Grade Point Average ________________________________________________
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
- Insurance
- 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) ____________________________________________________________

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).

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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.

- Do not wish to provide
- 18-21
- 22-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65 or over
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