

The Ohio State University  
College of Arts and Sciences

Science and Environmental Communication Certificate Program (SEC-CP)

School of Communication  
Advising Office, Kylie  
Jackson  
3033 Derby Hall, 154 North Oval Mall  
Columbus, OH 43210-1339  
614-292-8444; <http://www.comm.osu.edu>

The certificate program educates students on the theory and practice of communicating about scientific, environmental, and/or sustainability topics and issues, provides an opportunity for developing lifelong professional communication skills, and highlights the interdisciplinary social-behavioral, educational, and psychological dimensions of science and environmental communication.

The Science and Environmental Certificate Program requires the completion of at least four courses for 12 credits, including two foundation courses. To declare the certificate program, students should meet with their assigned academic advisor or any advisor in the School of Communication. Any variation from the program described below needs the approval of the Director of Undergraduate Studies. Students may request approval of a certificate variation by filing a petition through the School of Communication Advising Office.

**Required foundation courses (6 credit hours)**

COMM 2596: An Introduction to Health, Environment, Risk, & Science Communication (3)

One of following two courses:

COMM 4240(H): Science Communication (3)  
COMM 3340: Principles of Environmental Campaigns (3)

**Choose at least two from these electives (6 credit hours)**

COMM 2131: Business & Professional Speaking (3)  
COMM 2511: Visual Communication Design (3)  
COMM 3325: Intr. to Org Communication (3)  
COMM 3330: Communication and Conflict Management (3)  
COMM 3332: Risk Communication (3)  
COMM 3333: Crisis Communication (3)  
COMM 3340: Principles of Environmental Campaigns (3) (if not selected above)  
COMM 3628: Contemporary Persuasion Theory (3)  
COMM 4240(H): Science Communication (3) (if not selected above)

**Choose at least two from these electives (6 credit hours) continued**

ENR 2367: Communicating Environmental and Natural Resources Information (3)  
ENR 3400: Psychology of Environmental Problems (3)  
ENR 3611: Foundations for Environmental Communications, Education and Interpretation (3)  
ENR 4611: Environmental Interpretation and Visitor Services (3)  
ENR 5400: Interventions to Promote Pro-environmental Behavior (3)  
AGCOMM 2130: Visual Media in Agriculture and Natural Resources (3)  
AGCOMM 4130: Publication Design and Production (3)  
AGCOMM 4530: Communicating Agricultural Issues (3)  
AGCOMM 5535: Data Visualization and Scientific Storytelling (3)  
COMPSTD 2104: Literature, Science, and Technology (3)  
COMPSTD 2340: Introduction to Cultures of Science and Technology (3)  
COMPSTD 2341 Technology, Science and Society: (3)  
COMPSTD 3646: Cultures, Natures, Technologies (3)  
AEDECN 3102: Principles of Agribusiness Marketing (3)  
PHR 3410: Science Communication & Engagement (3)\*\*  
PHR 5410: Understanding and Changing Vaccine Hesitancy Perspectives (3)  
CRPLAN 3550: Environmental Planning and Policy for a Sustainable Future (3)  
EEOB 5610: Translating Evolution (3)  
PHR 3410: Science Communication & Engagement (3)  
PUBAFRS / ENVENG 5600: Science, Engineering and Public Policy (3)  
PUBAFRS 5770: Risk & Decision Analysis in Public Affairs (3)  
BIOETHC 5881: Sustainable Health Care in the Current Climate Crisis (3)

Approved Elective in Student's Major: To maximize flexibility and recognize the wide-range of relevant science and sustainability focused coursework at Ohio State University, students may petition to have one course from within their major count toward fulfilling the elective coursework for the certificate program. Course content must meet one or more of the certificate ELOs as determined by the School of Communication. The petition would be reviewed by the administering unit (School of Communication).

\*the Honors (H) version of any of the above courses can be used to meet the requirements for the certificate program

\*\* limited to PHR BPS students only

**Science and Environmental Communication  
certificate program guidelines**

Required for graduation: No

Credit hours required: A minimum of 12.

Overlap with the GE: A student is permitted to overlap up to 6 credit hours between the GE and the certificate program.

Overlap with degree program

A student is permitted to overlap up to 50% of credit hours between other degree program (major, minor, other certificate, or general education) and the certificate program.

Grades required

- Minimum C- for a course to be listed on the certificate
- Minimum 2.00 cumulative GPA for all certificate course work

Certificate approval: The certificate may be approved by the student's assigned academic advisor via the Degree Audit Report (DAR). If the certificate is not complete on the DAR, the student must consult with a School of Communication advisor.

Filing the certificate program form: The certificate form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the certificate: Once the certificate program is filed in the college office, any changes must be approved by the School of Communication Advising Office.

College of Arts and Sciences  
Curriculum and Assessment Services  
306 Dulles Hall,  
230 Annie & John Glenn Ave  
<http://artsandsciences.osu.edu> approved CAA 5/7/14  
BV 8-10-15  
DH 6-9-21  
DH 10-22-22