



## To Earn the Citation in Science and Global Change, You Must:

- Model good community citizenship (confirmed with Offices of Resident Life & Student Conduct)
- Comply with University's Code of Academic Integrity (no XFs on a candidate's transcript)
- Participate in the College Park Scholars Academic Showcase
- Integrate your Scholars learning by completing the learning outcomes assessments (including Program Evaluation)
- Earn a minimum grade point average of 3.0 in Scholars SGC citation courses, and a minimum 2.5 GPA in all UM coursework.
  - Students who complete all course and program requirements but who do not meet the minimum GPA are eligible to receive a certification of program completion. This does not appear on your academic transcript but it is an accomplishment you can reflect on your résumé
- Complete all requirements within your first four semesters at UMd
- Complete a minimum of 16 credits as outlined below

### Requirement Checklist

_____ CPSG 100 in Semester 1	1 cr
_____ CPSG 101 in Semester 2	1 cr
_____ CPSG 200 in Semester 3	1 cr
_____ The Practicum <sup>1</sup> in Semester 4	1-3 cr
_____ ENGL 101 (pref. ENGL 101S in Semester 2)	3 cr
_____ Supporting Course 1 (by Semester 4)	3-4 cr
_____ Supporting Course 2 (by Semester 4)	3-4 cr
_____ Supporting Course 3 (by Semester 4)	<u>3-4 cr</u>
Total:	16-21 cr

<sup>1</sup> The Practicum can be earned in various courses:

- CPSG 230 Practicum: Internship 1-2 cr
- CPSG 240 Practicum: Service-Learning 1-2 cr
- CPSP 250 Practicum: Research 1-2 cr
- CPSP 359G Advanced Practicum 3 cr (counts as Scholarship in Practice (DSSP))
- Other courses as they become available, at the discretion of the Faculty Director
  - If another course is approved, earning the Citation may involve a few additional items which are part of the CPSG courses

## SGC Course List

**PLEASE NOTE:** Not all classes are offered every semester. Additionally, some may have prerequisites. Please check the listings in the Schedule of Classes. GenEd categories for particular classes are listed.

Supporting Classes: Must Complete Three (3) of these 3-4 Credit Classes by the End of their Fourth Semester

Any of the 100 or 200 level GEOL courses (3-4), including:

- GEOL 100/110 Physical Geology/Physical Geology Lab (4; DSNL if lecture and lab are taken together)
- GEOL 120 Environmental Geology (3; DSNS)
- GEOL 123 Causes and Consequences of Global Change (3; DSNS, SCIS)
- GEOL 124 Evolution of Life and Environment on Planet Earth (3; DSNS, SCIS)
- GEOL 200 Earth's Fury: Earthquakes, Volcanoes, and Tsumani (3; DSNS, SCIS)
- GEOL 204 Dinosaurs, Early Humans, Ancestors, and Evolution: The Fossil Record of Vanished Worlds of the Prehistoric Past (3; DSNS, SCIS)

AGNR/PUAF 301 Sustainability (3)

ANSC 277 Eating with Eyes Wide Open (3; DSNS, SCIS)

ANTH 222 Introduction to Ecological and Evolutionary Anthropology (4; DSNL, DVUP)

ANTH 240 Introduction to Archaeology (3; DSHS, DVUP)

ANTH 241 Contraversies in Archaeology

ANTH 265 Anthropology of Global Health (3; DSHS, DVUP, SCIS)

ANTH 266 Changing Climate, Changing Cultures (3; DSHS, DVCC, SCIS)

AOSC 123 Causes and Implications of Global Change (3; DSNS, SCIS)

AOSC 200 Weather and Climate (3, DSNS, SCIS) or AOSC 200/201 Weather and Climate/Lab (4; DSNL, SCIS)

Any of the other 100 or 200 level AOSC courses (3-4)

ARCH 289I Sustainability at College Park (3; DSNS or DSSP, SCIS)

AREC 200 The Chesapeake Bay Ecosystem: Intersection of Science, Economics and Policy (3; DSNS or DSSP, SCIS)

AREC 240 Introduction to Economics and the Environment (3; DSHS)

AREC 241 Environment, Economics and Policy (4; DSHS, SCIS)

AREC 365 World Hunger, Populations, and Food Supplies (3; DVUP)

Any of the 100 or 200 level ASTR courses (3-4)

Any of the 100 or 200 level BCHM courses (3-4)

Any of the 100 or 200 level BIOE courses (3-4)

Any of the 100 or 200 level BSCI courses (3-4)

Any of the 100 or 200 level CHEM courses (4 with lab)

Any one (1) CMSC course numbered 106 or higher OR INST 126 Introduction to Programming for Information Professionals (3), INST 326 Object-Oriented Programming for Information Science (3), or INST 327 Database Design and Modeling (3; DSSP); however **ONLY** 1 CMSC or INST course will be counted as a Supporting Course for SGC

ECON 181 Putting a Price on the Environment: An Economist's Perspective on Sustainability (3: DSHS; SCIS)

ECON 185 Energy: Crisis or Breakthrough? (3: DSHS; SCIS)

ENEE 131 Technology Choices (3; DSSP, SCIS)

ENEE 200 or ENES 200 Technology and Consequences: Engineering, Ethics, and Humanity (3: DSHU, SCIS)

ENGL 255 Literature of Science and Technology (3; DSHU)

ENMA 150 The Materials of Civilization (3; DSNS, SCIS)

ENMA 289A Bigger, Faster, Better: The Quest for Absolute Technology (3; DSNS, SCIS)

ENSP 101 Introduction to Environmental Science (3; DSNS)

ENSP 102 Introduction to Environmental Policy (3; DSHS)

ENST 140 Sustainability and History: The Maryland Experience (3; DSHS, SCIS)

ENST 200 Fundamentals of Soil Science (4; DSNL)

ENST 233 Introduction to Environmental Health (3; DSNS)

GEOG 140 Natural Disasters: Earthquakes, Floods, and Fires (3; DSNS, SCIS)

GEOG 201/211 Geography of Environmental Systems/Lab (4; DSNL)

GEOG 330 As the World Turns: Society and Sustainability in a Time of Great Change (3; DSHS, DVUP, SCIS)

GEOL 288 Field Studies I (1-2)

GEOL 388 Field Studies II (3)

GVPT 273 Introduction to Environmental Politics (3; DSSP)

GVPT 306 Global Environmental Politics (3)

HIST 141 Carbon: Element at the Center of History (3; DSHS, SCIS)

HIST 204 Introduction to the History of Science (3; DSHS)

HIST 205 Environmental History (3; DSHS or DSHU)

HIST 206 Introduction to the History of Technology (3; DSHS)

Any one (1) MATH course numbered 120 or higher OR PSYC200: however, **ONLY 1** MATH course or PSYC200 will be counted as a Supporting Course for SGC (FSMA)

NEUR 200 Introduction to Neuroscience (3; DSNS)

PHIL 209B Investigating Darwin's Dangerous Idea (3; DSHS or DSHU or DSSP, SCIS)

PHIL 250 Philosophy of Science I (3; DSHU)

PHYS 105 Physics for Decision Makers: The Global Energy Crisis (3; DSNS, SCIS)

All other 100 or 200 level PHYS courses (3-4)

PLSC 101 Introductory Crop Science (4; DSNL)

PLSC 115 How Safe is Your Salad? The Microbiological Safety of Fresh Produce (3; DSNS, SCIS)

PLSC 125 Feeding Nine Billion by 2050: Food Security and Crop Protection (3; DSNS, SCIS)

PLSC 289I Greening Cities: Who Wins, Who Loses, and Who Cares? (3; DSSP, SCIS)

PUAF 301 Sustainability (3)

TLPL 285 Decolonizing Climate Change Education: Fostering Inclusivity, Equity, and Holistic Understandings (3; DSSP, SCIS)

URSP 250 The Sustainable City: Opportunities and Challenges (3; DSSP, SCIS)

GenEd abbreviations:

DSHS History and Social Sciences

DSHU Humanities

DSNL Natural Science Lab

DSNS Natural Sciences

DSSP Scholarship in Practice

DVCC Cultural Competency

DVUP Understanding Plural Societies

FSAR Analytic Reasoning

FSMA Math

SCIS I-Series

<http://www.geol.umd.edu/pages/sgc/menus/requirements.html>

List Current as of 10 February 2025

TRH



## Science and Global Change

### Schedule for Completion of Course Requirements

<u>Course</u>	Semester			
	Fall 1	Spring 1	Fall 2	Spring 2
<b>CPSG 100 First-Year Colloquium I</b>	X			
<b>CPSG 101 First-Year Colloquium II</b>		X		
<b>CPSG 200 Sophomore Colloquium</b>			X	
<b>Practicum<sup>1</sup></b>				X
<b>ENGL 101</b>	E	E		
<b>Supporting Class 1</b>	A	A	A	A
<b>Supporting Class 2</b>	A	A	A	A
<b>Supporting Class 3</b>	A	A	A	A

KEY: X = Must be taken that semester  
 E = May be taken in either of those two semesters  
 A = May be taken in any of those four semesters

<sup>1</sup> The Practicum can be earned in various courses:

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