

**MOOC Participant Demographics:
Energy and the Earth**

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All participants in a Coursera MOOC are invited to respond to a demographic survey that gathers information about participant gender, age, race/ethnicity, level and area of education, employment status and industry/field, ability to communicate in English, languages spoken, and where they live. This is a summary of the responses from participants in the Energy and the Earth MOOC.

Course Overview

MOOC Name	Energy and the Earth
Course Start Date	June 21, 2015 (4 weeks)
Instructor	Alan Carroll
Number of Registered Participants	12,530
Number of Active Participants	5,669
Demographic Survey Respondents	1,211

Summary

1. Overall, there are more male Coursera MOOC participants than female participants. Sixty-five percent (65%) of the Energy and the Earth MOOC participants are male, slightly higher than the overall Coursera MOOC percentage of 60%.
2. The average age of Coursera MOOC participants is 36. The average age of participants in the Energy and the Earth MOOC, at 37, is similar.
3. Overall, 52% of Coursera MOOC participants describe themselves as native or equivalent speakers of English. A similar percentage (53%) of the Energy and the Earth MOOC participants describe themselves as native (or equivalent) speakers of English.
4. Overall, 27% of Coursera MOOC participants live in the United States. A slightly higher percentage of the Energy and the Earth MOOC participants, 30%, live in the United States. Other countries with 2% or more of the Energy and the Earth MOOC participants include India (9%), Brazil (4%), Canada (3%), United Kingdom (3%), China (3%), Spain (2%) and Mexico (2%).
5. Of the Energy and the Earth MOOC participants who live in the United States, 15% live in Wisconsin. This is much higher than the overall Coursera average percentage of MOOC participants who live in Wisconsin (1%). After Wisconsin, the other nine states in the ten most frequently participating states

for the Energy and the Earth MOOC include California (13%), New York (6%), Texas (6%), Illinois (5%), Florida (4%), Washington (4%), Massachusetts (3%), Virginia (3%), and Pennsylvania (2%).

6. Overall, 77% of Coursera MOOC participants have a bachelors degree or higher (35% bachelors degree, 31% masters degree, 6% doctoral degree, 5% professional degree). The percentage of the Energy and the Earth MOOC participants with a bachelors degree or higher is similar at 76%.
7. Most Coursera MOOC participants are not enrolled in school. Sixty-nine percent (69%) report that they are not enrolled either full or part-time. A slightly lower percentage of the Energy and the Earth MOOC participants, 63%, are not enrolled in school.
8. The MOOC participants who indicated they had a college degree (including an associate's degree) were asked about the field of their degree. Overall, the Coursera MOOC participants most commonly indicated degrees in Engineering/Engineering Technology (21%), Computer/Information Science (16%) and Business/Management/Marketing (14%). The most common degree field for Energy and the Earth MOOC participants was Engineering/Engineering Technology (39%) followed by Business/Management/Marketing (12%). Compared to the overall Coursera percentage, Energy and the Earth MOOC participants also had higher percentages of degrees Physical Sciences (7% compared to the Coursera average of 3%). Compared to the overall Coursera percentage, Energy and the Earth MOOC participants had lower percentages of degrees in Computer/Information Science (7% compared to the Coursera average of 16%).
9. Almost three quarters of Coursera MOOC participants are employed either full or part time. A lower percentage of the Energy and the Earth MOOC participants, 62%, are employed full or part time.
10. The MOOC participants who indicated that they were employed were asked about their industry/field. The most common responses overall were computers/mathematics, education/library related, and business/financial. The Energy and the Earth MOOC participants were much more likely than the overall Coursera MOOC participants to be employed in the architecture/engineering field. They were less likely to be employed in the computers/mathematics and business/financial fields.

The following tables provide more information about all of the responses to the Coursera demographic survey.

Gender	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Male	65.1	60.2	-4.9
Female	34.6	39.3	4.7

Age	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Average	37.1	35.9	-1.2

English Speaking Ability	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Native or equivalent	53.0	51.9	-1.1
Sufficient for most situations	40.2	41.3	1.1
Sufficient for limited situations	6.8	6.8	0.0

Country of Residence	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
United States	30.1	27.3	-2.8
India	9.2	8.0	-1.2
Brazil	3.5	4.6	1.1
Canada	3.3	3.1	-0.2
United Kingdom	3.3	3.7	0.4
China	3.1	8.4	5.3
Spain	2.0	2.5	0.5
Mexico	2.0	2.6	0.6

*countries with 2% or more of participants are shown.

State of Residence for U.S. Residents	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Wisconsin	15.4	1.2	-14.2
California	13.3	18.0	4.7
New York	6.3	8.2	1.9
Texas	5.9	6.3	0.4
Illinois	5.4	4.3	-1.1
Florida	3.5	4.8	1.3
Washington	3.5	4.6	1.1
Massachusetts	3.2	3.4	0.2
Virginia	3.2	3.5	0.3
Pennsylvania	2.9	3.8	0.9

*top ten states are shown

Highest Level of School Completed	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Bachelors	36.9	34.9	-2.0
Masters	29.5	30.9	1.4
Some College	8.9	8.9	0.0
High School	7.4	7.1	-0.3
Doctorate	5.9	6.1	0.2
Professional	4.0	4.6	0.6
Associate's Degree	2.3	2.5	0.2

Degree-Related Subjects for Participants with Degrees	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Engineering/Engineering Tech.	38.6	21.1	-17.5
Business/Management/Marketing	12.1	14.4	2.3
Other	9.9	23.1	13.2
Computer/Information Science	7.3	16.1	8.8
Physical Sciences	7.1	3.4	-3.7
Social Sciences/History	5.7	4.7	-1.0
Biological/Biomedical Sciences	5.5	5.0	-0.5
Mathematics/Statistics	4.9	5.1	0.2
Agriculture and Natural Resources	3.4	1.3	-2.1
Liberal Arts and Sciences	3.3	2.9	-0.4
English Language and Literature	2.2	2.9	0.7

Current Enrollment Status	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Not currently a student	63.3	68.5	5.2
Enrolled full-time	27.0	20.9	-6.1
Enrolled part-time	9.7	10.6	0.9

Current Employment Status	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Employed Full-Time (>=35 hrs/wk)	47.6	60.1	12.5
Unemployed, Not Looking	18.4	11.0	-7.4
Unemployed, Looking for Work	16.8	11.5	-5.3
Employed Part-Time (< 35 hrs/wk)	13.9	13.7	-0.2

Industry, if employed or seeking employment	Energy and the Earth	All Coursera MOOCs	Difference (Coursera-UW)
Other	21.9	16.5	-5.4
Architecture/Engineering	20.1	6.9	-13.2
Education/Library	15.7	15.5	-0.2
Computers/Mathematics	11.7	23.8	12.1
Business/Financial/Sales	10.8	14.9	4.1
Management	6.1	5.6	-0.5
Healthcare/Social Services	5.5	7.1	1.6
Arts/Entertainment/Sports	4.5	6.4	1.9
Office/Administrative	3.7	3.3	-0.4