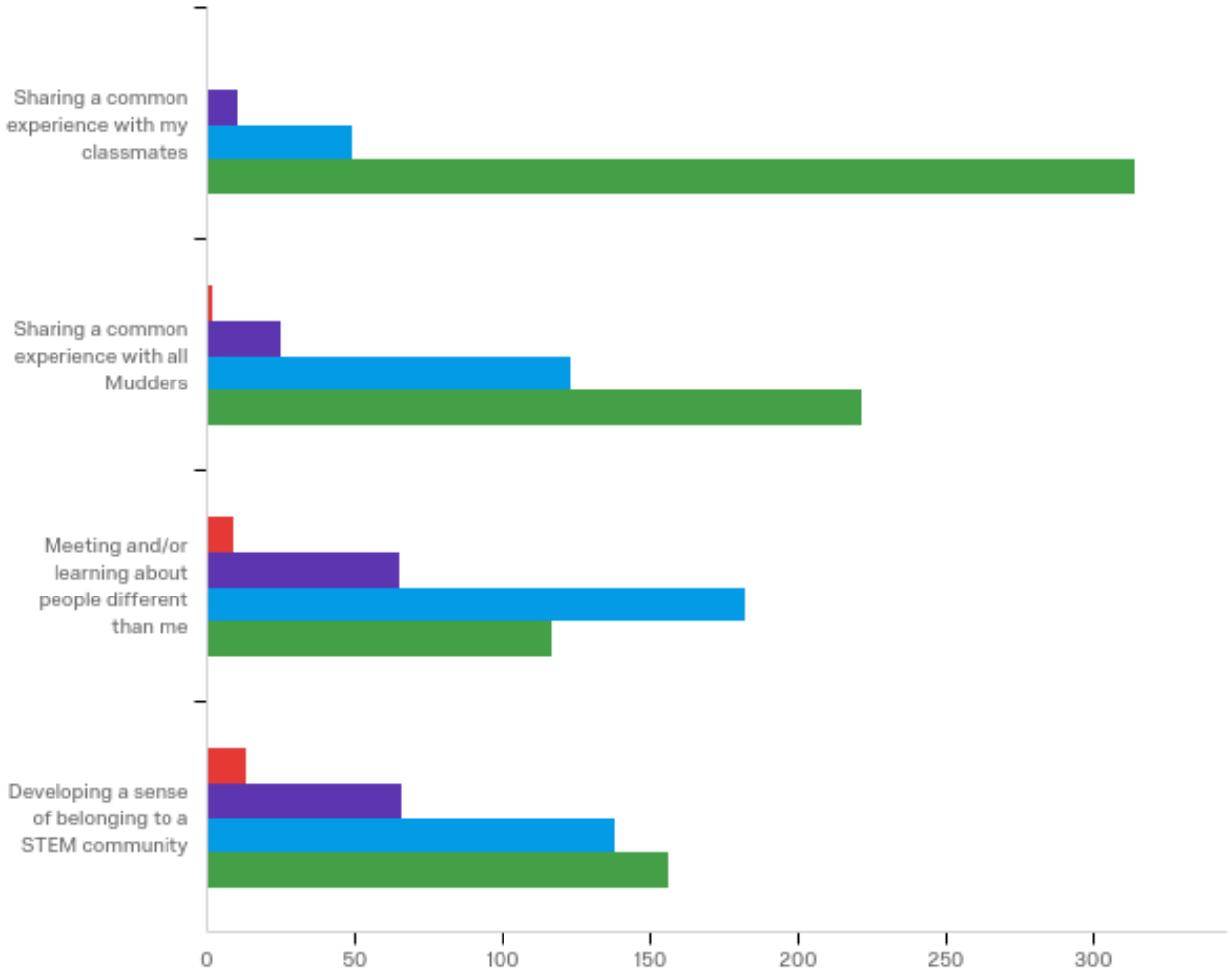
Quantitative Report

CRPT Survey-Students

All Responses

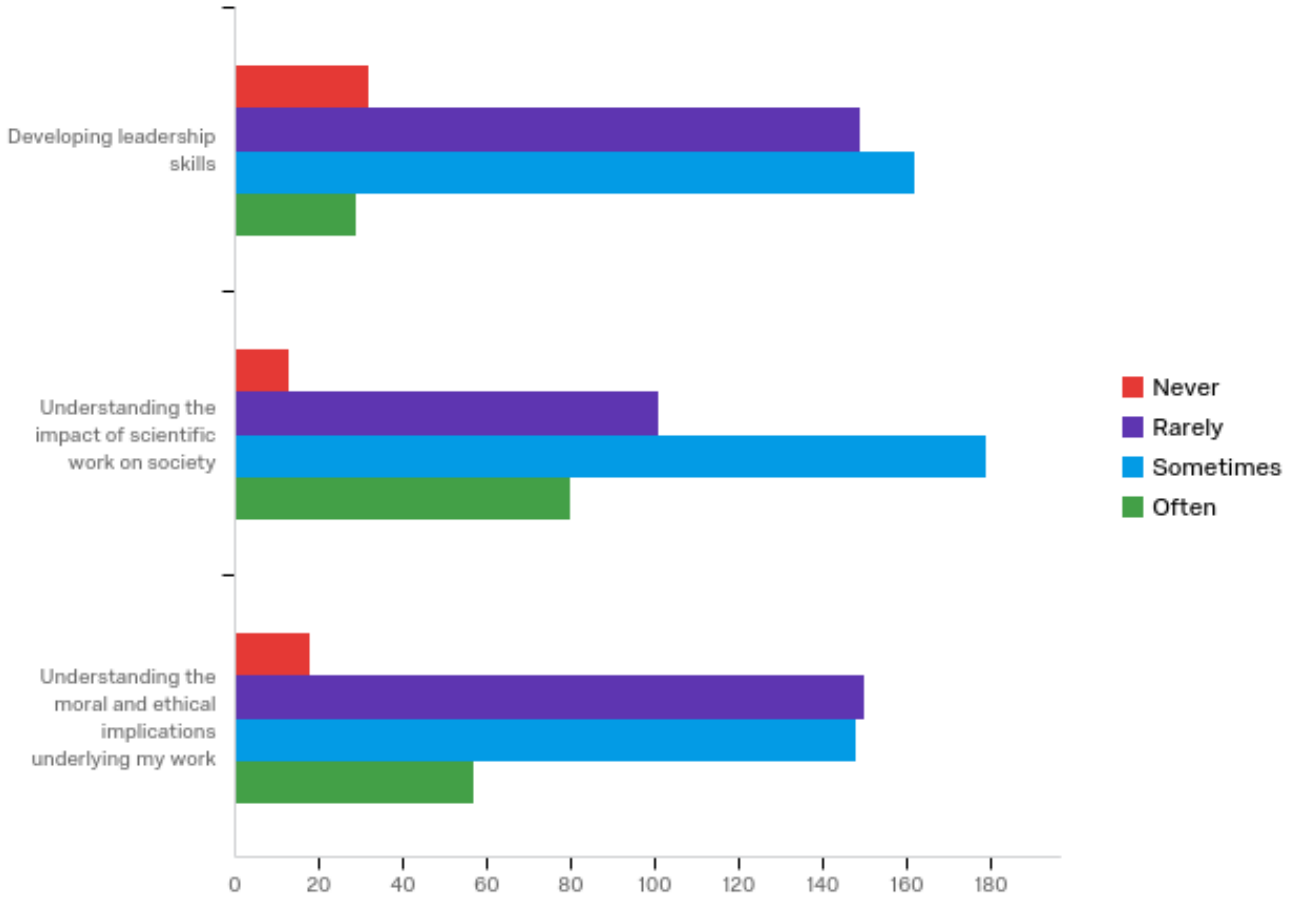
September 2017

Please indicate the extent to which the items in this list were part of your community experience in the Core:



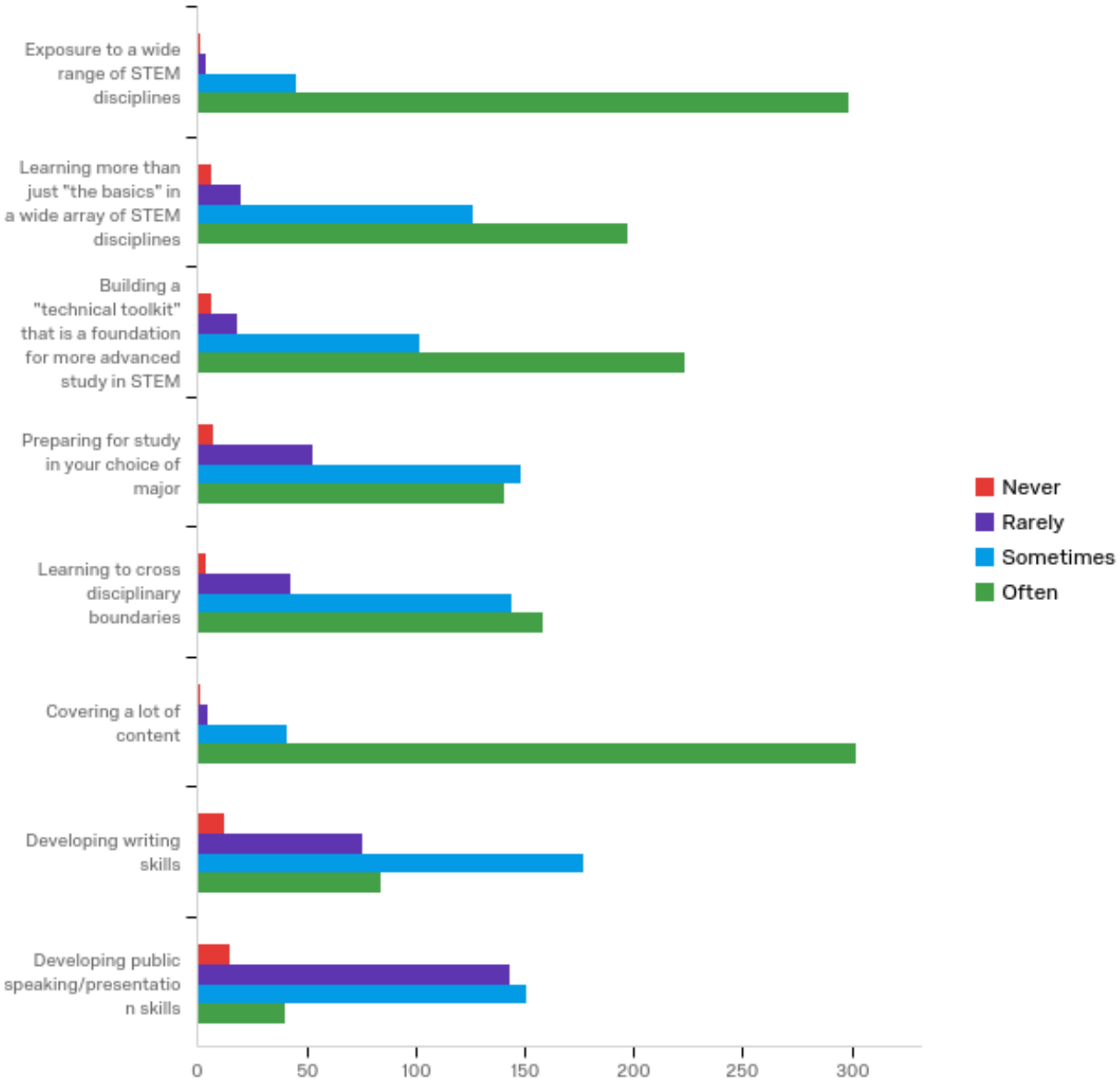
Question	Never		Rarely		Sometimes		Often		Total
Sharing a common experience with my classmates	0.00%	0	2.68%	10	13.14%	49	84.18%	314	373
Sharing a common experience with all Mudders	0.54%	2	6.72%	25	33.06%	123	59.68%	222	372
Meeting and/or learning about people different than me	2.41%	9	17.43%	65	48.79%	182	31.37%	117	373
Developing a sense of belonging to a STEM community	3.49%	13	17.69%	66	37.00%	138	41.82%	156	373

Please indicate the extent to which the items in this list were part of your ethics and leadership development in the Core:



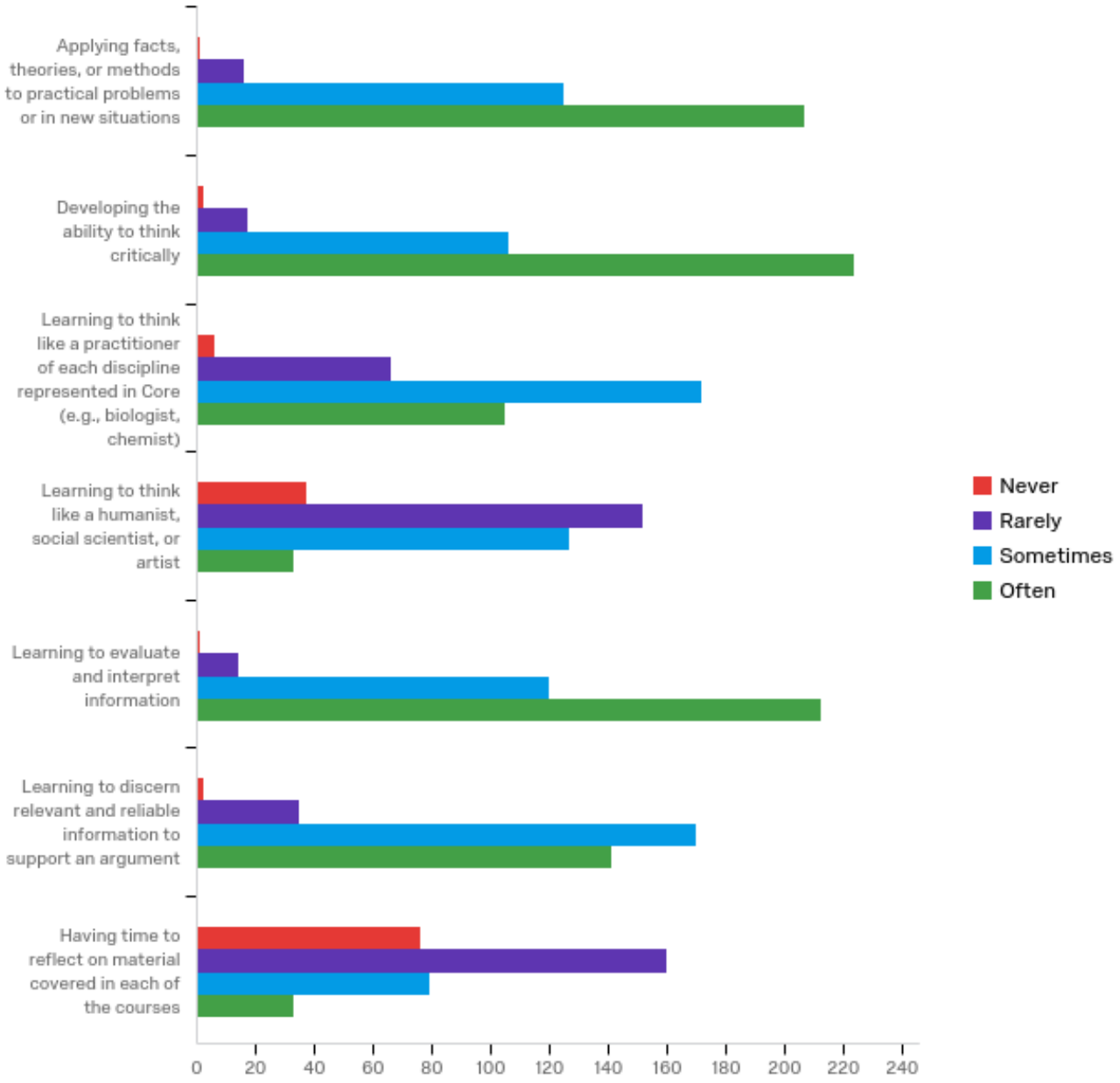
Question	Never		Rarely		Sometimes		Often		Total
Developing leadership skills	8.60%	32	40.05%	149	43.55%	162	7.80%	29	372
Understanding the impact of scientific work on society	3.49%	13	27.08%	101	47.99%	179	21.45%	80	373
Understanding the moral and ethical implications underlying my work	4.83%	18	40.21%	150	39.68%	148	15.28%	57	373

Please indicate the extent to which the items in this list were part of your technical development in the Core:



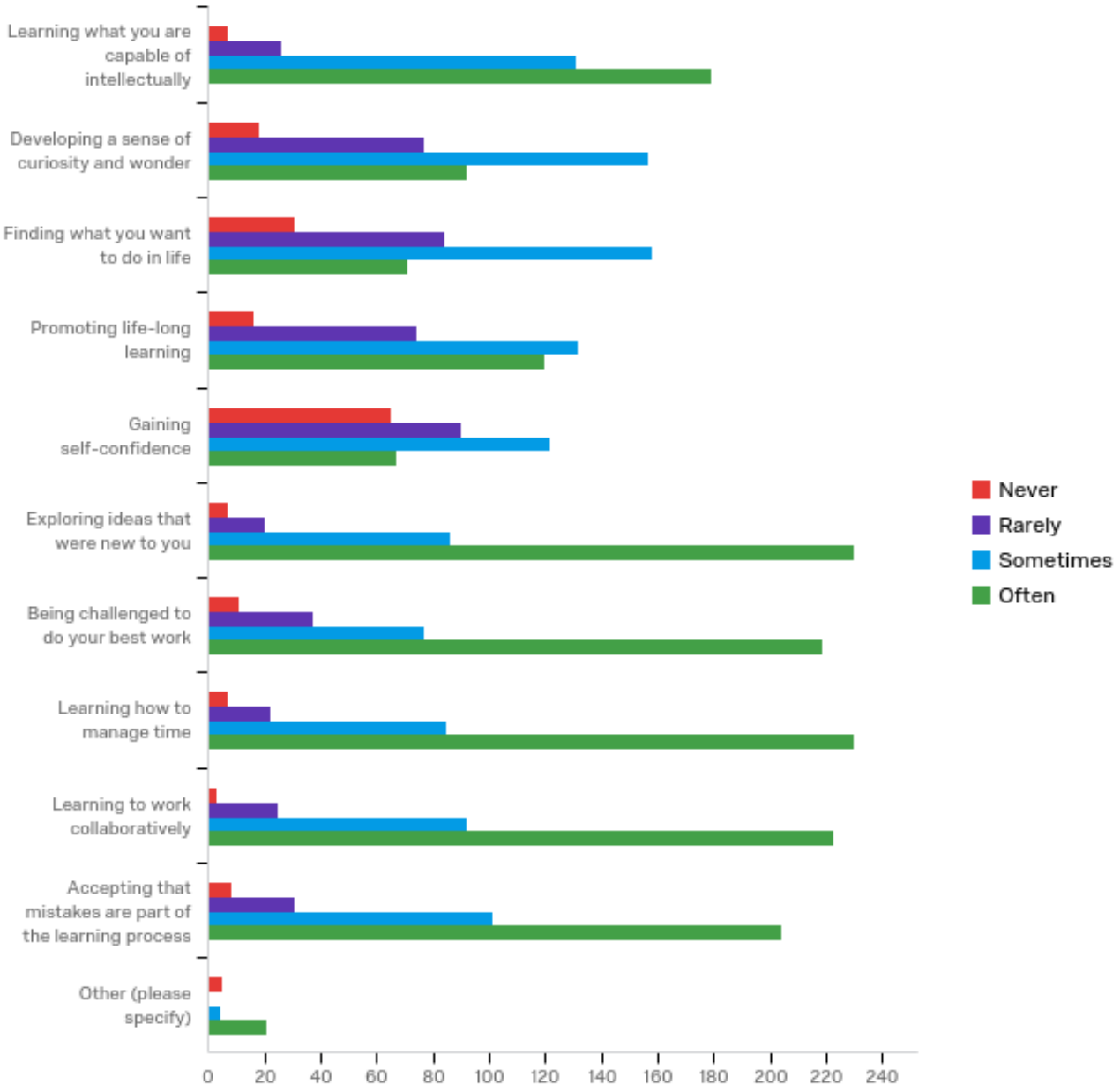
Question	Never		Rarely		Sometimes		Often		Total
Exposure to a wide range of STEM disciplines	0.29%	1	1.15%	4	12.89%	45	85.67%	299	349
Learning more than just "the basics" in a wide array of STEM disciplines	1.72%	6	5.73%	20	36.10%	126	56.45%	197	349
Building a "technical toolkit" that is a foundation for more advanced study in STEM	1.72%	6	5.16%	18	29.23%	102	63.90%	223	349
Preparing for study in your choice of major	2.01%	7	15.19%	53	42.41%	148	40.40%	141	349
Learning to cross disciplinary boundaries	1.15%	4	12.32%	43	41.26%	144	45.27%	158	349
Covering a lot of content	0.29%	1	1.43%	5	11.75%	41	86.53%	302	349
Developing writing skills	3.44%	12	21.78%	76	50.72%	177	24.07%	84	349
Developing public speaking/presentation skills	4.30%	15	40.97%	143	43.27%	151	11.46%	40	349

Please indicate the extent to which the items in this list were part of your intellectual development in the Core:



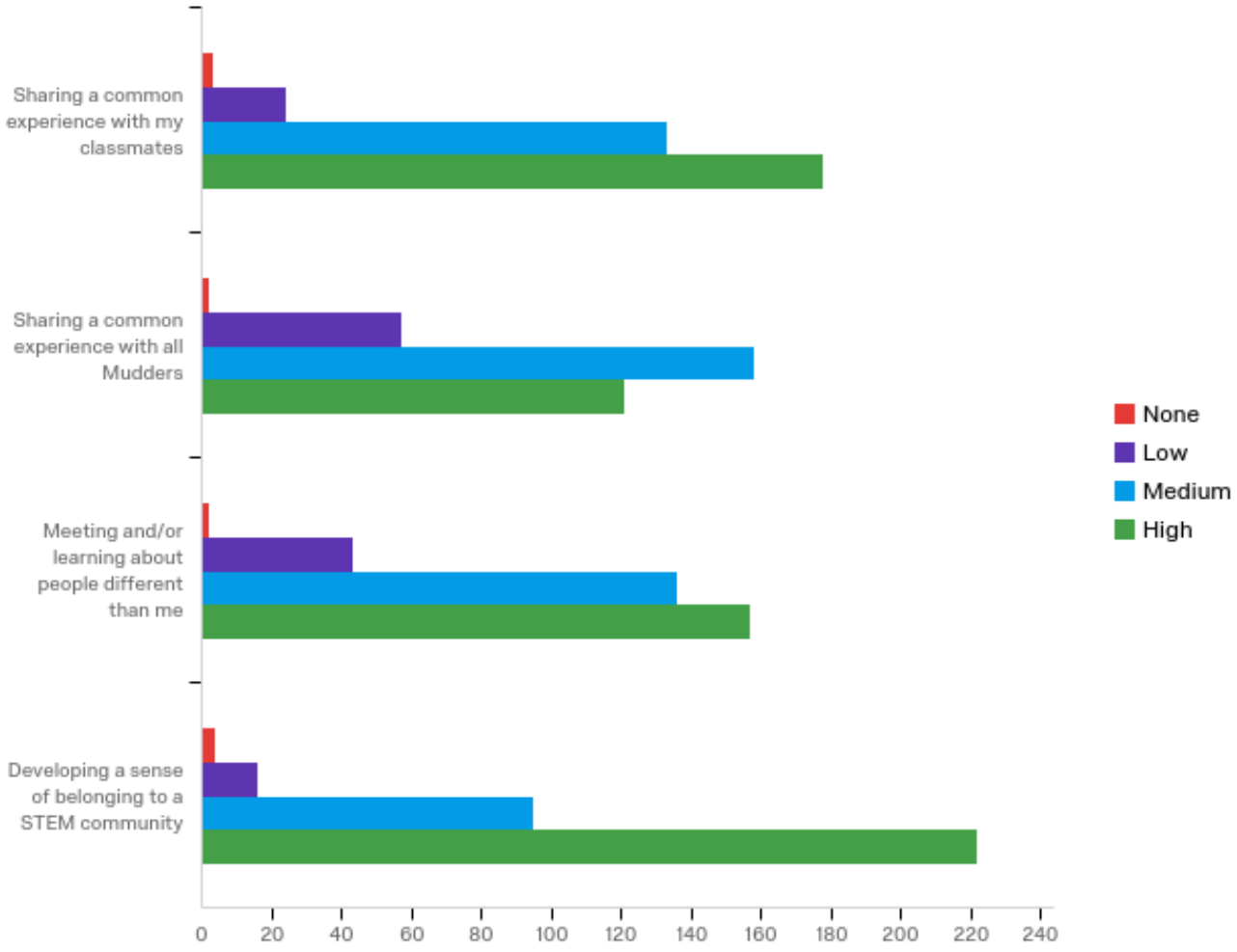
Question	Never		Rarely		Sometimes		Often		Total
Applying facts, theories, or methods to practical problems or in new situations	0.29%	1	4.58%	16	35.82%	125	59.31%	207	349
Developing the ability to think critically	0.57%	2	4.87%	17	30.37%	106	64.18%	224	349
Learning to think like a practitioner of each discipline represented in Core (e.g., biologist, chemist)	1.72%	6	18.91%	66	49.28%	172	30.09%	105	349
Learning to think like a humanist, social scientist, or artist	10.60%	37	43.55%	152	36.39%	127	9.46%	33	349
Learning to evaluate and interpret information	0.29%	1	4.02%	14	34.48%	120	61.21%	213	348
Learning to discern relevant and reliable information to support an argument	0.57%	2	10.06%	35	48.85%	170	40.52%	141	348
Having time to reflect on material covered in each of the courses	21.84%	76	45.98%	160	22.70%	79	9.48%	33	348

Please indicate the extent to which the items in this list were part of your personal development...



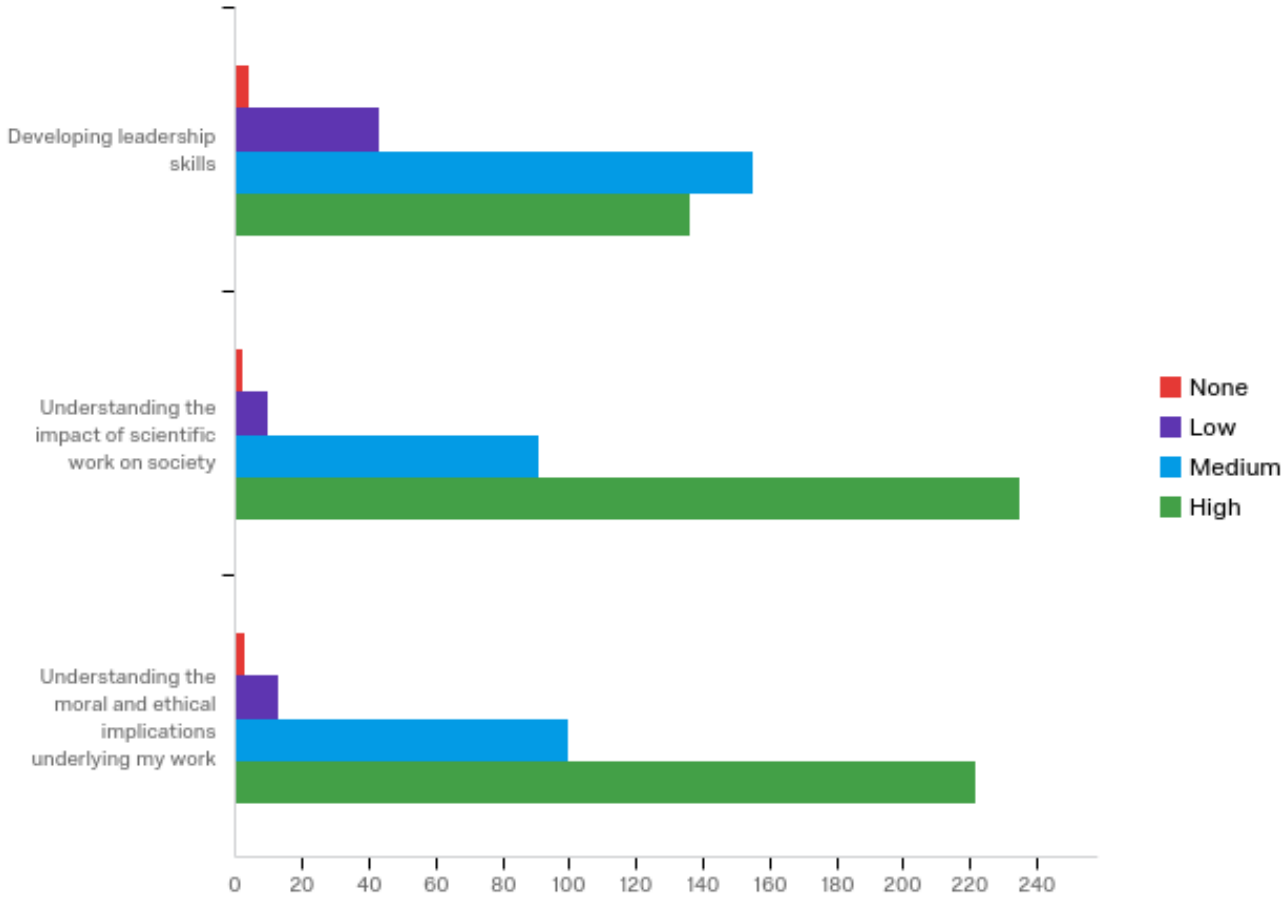
Question	Never		Rarely		Sometimes		Often		Total
Learning what you are capable of intellectually	2.04%	7	7.58%	26	38.19%	131	52.19%	179	343
Developing a sense of curiosity and wonder	5.23%	18	22.38%	77	45.64%	157	26.74%	92	344
Finding what you want to do in life	9.01%	31	24.42%	84	45.93%	158	20.64%	71	344
Promoting life-long learning	4.68%	16	21.64%	74	38.60%	132	35.09%	120	342
Gaining self-confidence	18.90%	65	26.16%	90	35.47%	122	19.48%	67	344
Exploring ideas that were new to you	2.04%	7	5.83%	20	25.07%	86	67.06%	230	343
Being challenged to do your best work	3.20%	11	10.76%	37	22.38%	77	63.66%	219	344
Learning how to manage time	2.03%	7	6.40%	22	24.71%	85	66.86%	230	344
Learning to work collaboratively	0.87%	3	7.29%	25	26.82%	92	65.01%	223	343
Accepting that mistakes are part of the learning process	2.33%	8	9.01%	31	29.36%	101	59.30%	204	344
Other (please specify)	16.67%	5	0.00%	0	13.33%	4	70.00%	21	30

Regardless of your experience in the Core, please indicate the priority level each of these items should have in the Core going forward:



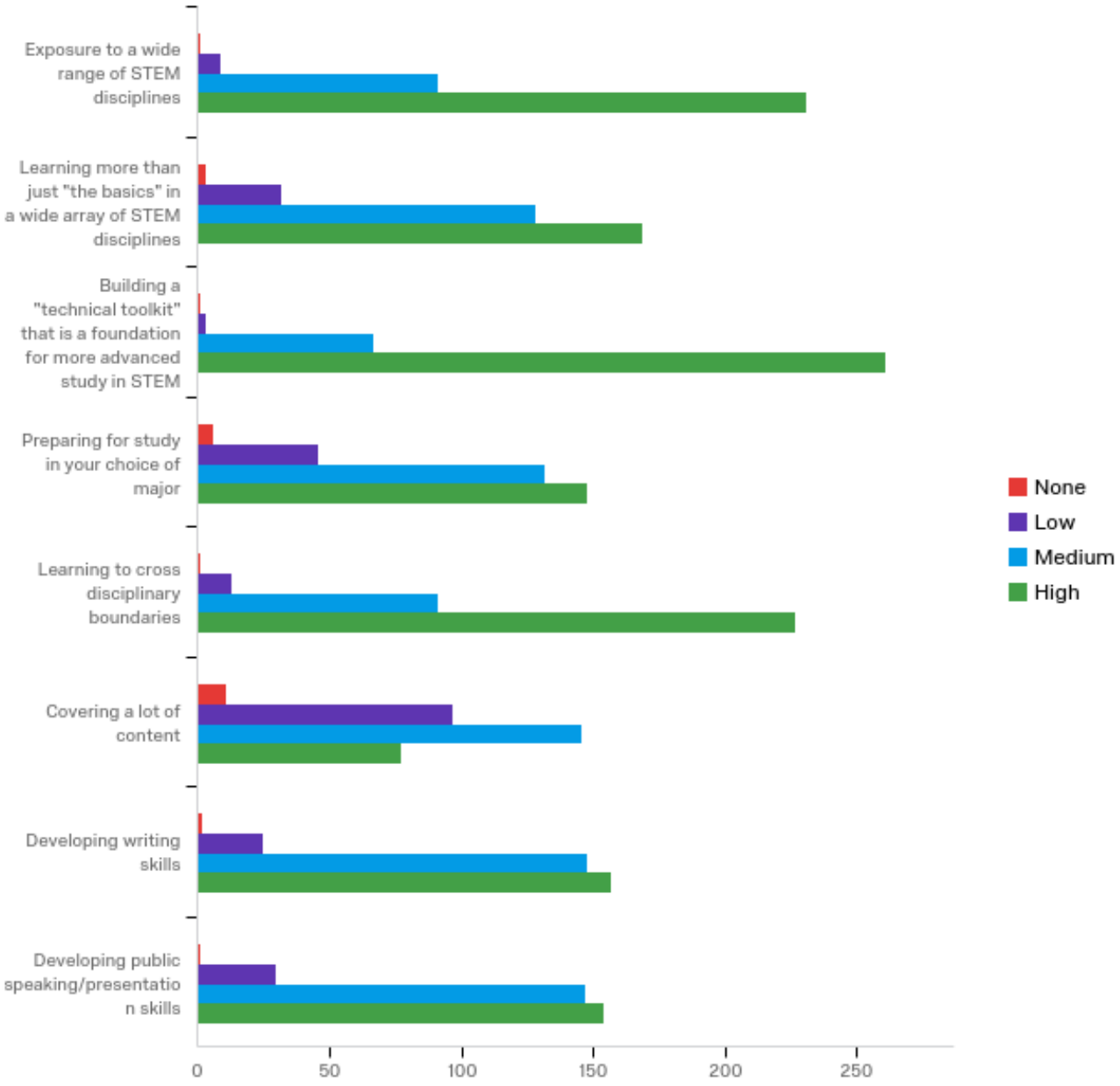
Question	None		Low		Medium		High		Total
Sharing a common experience with my classmates	0.89%	3	7.10%	24	39.35%	133	52.66%	178	338
Sharing a common experience with all Mudders	0.59%	2	16.86%	57	46.75%	158	35.80%	121	338
Meeting and/or learning about people different than me	0.59%	2	12.72%	43	40.24%	136	46.45%	157	338
Developing a sense of belonging to a STEM community	1.19%	4	4.75%	16	28.19%	95	65.88%	222	337

Regardless of your experience in the Core, please indicate the priority level each of these items should have in the Core going forward:



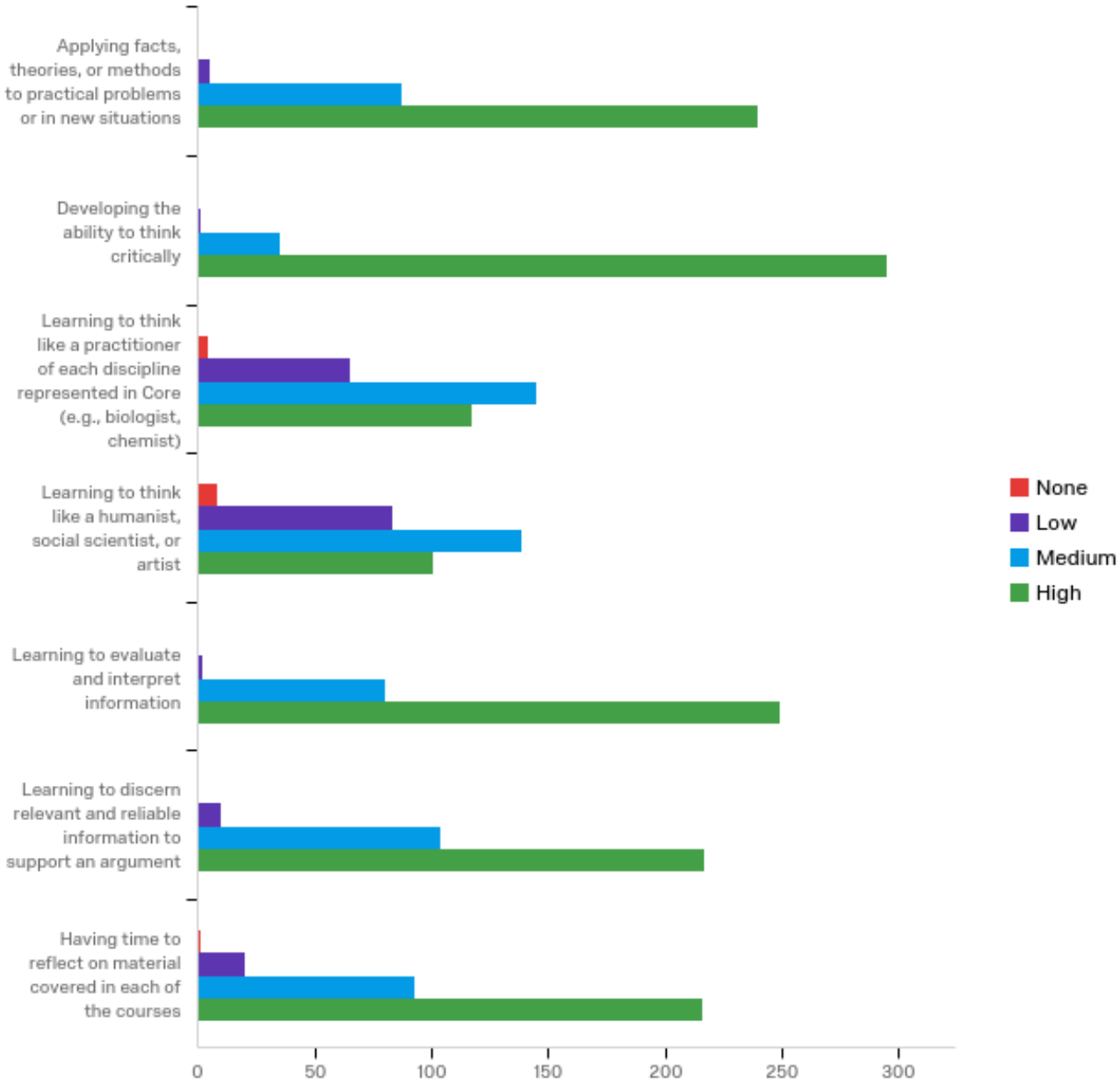
Question	None		Low		Medium		High		Total
Developing leadership skills	1.18%	4	12.72%	43	45.86%	155	40.24%	136	338
Understanding the impact of scientific work on society	0.59%	2	2.96%	10	26.92%	91	69.53%	235	338
Understanding the moral and ethical implications underlying my work	0.89%	3	3.85%	13	29.59%	100	65.68%	222	338

Regardless of your experience in the Core, please indicate the priority level each of these items should have in the Core going forward:



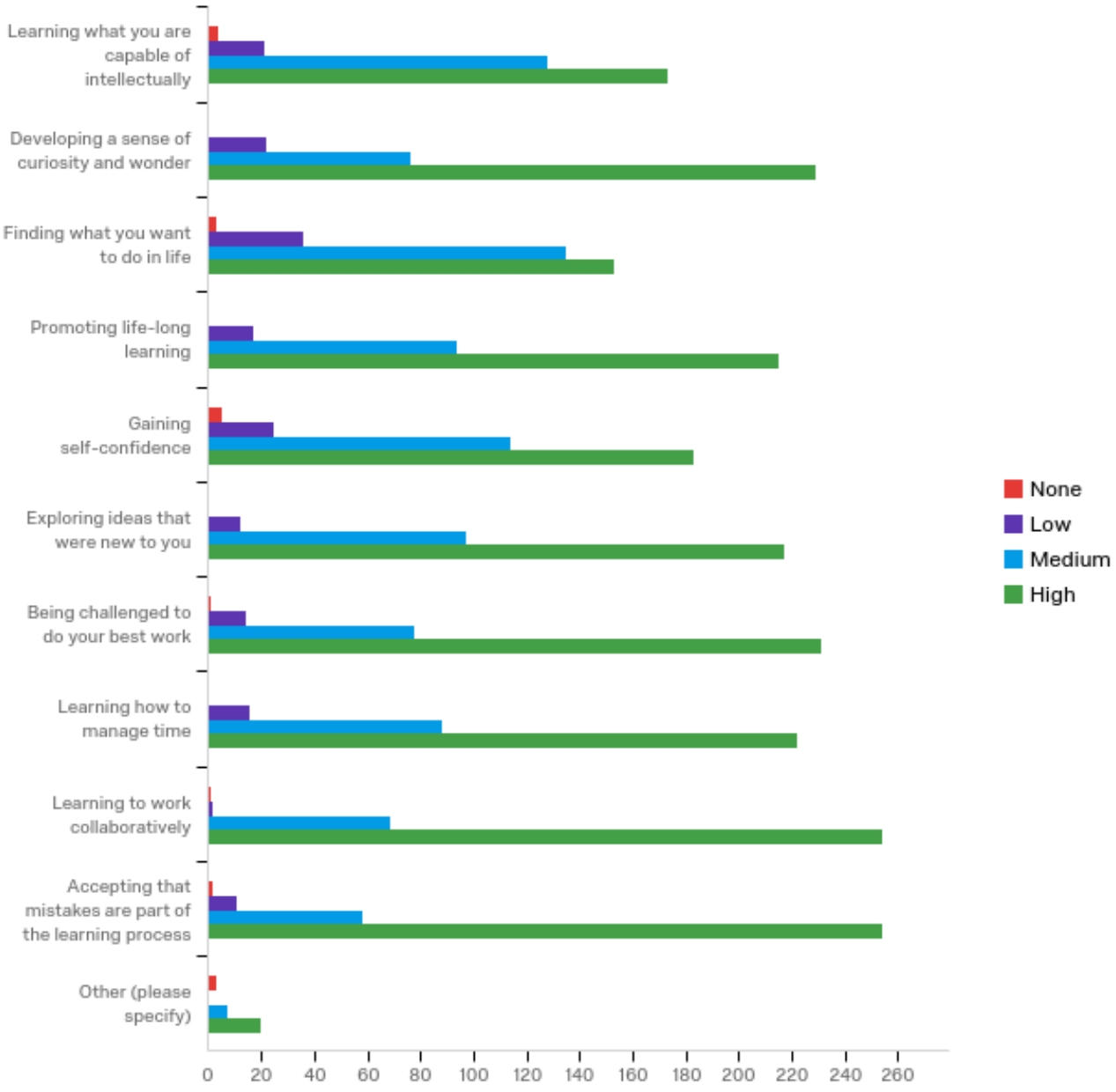
Question	None		Low		Medium		High		Total
Exposure to a wide range of STEM disciplines	0.30%	1	2.71%	9	27.41%	91	69.58%	231	332
Learning more than just "the basics" in a wide array of STEM disciplines	0.90%	3	9.64%	32	38.55%	128	50.90%	169	332
Building a "technical toolkit" that is a foundation for more advanced study in STEM	0.30%	1	0.90%	3	20.18%	67	78.61%	261	332
Preparing for study in your choice of major	1.81%	6	13.86%	46	39.76%	132	44.58%	148	332
Learning to cross disciplinary boundaries	0.30%	1	3.92%	13	27.41%	91	68.37%	227	332
Covering a lot of content	3.32%	11	29.31%	97	44.11%	146	23.26%	77	331
Developing writing skills	0.60%	2	7.53%	25	44.58%	148	47.29%	157	332
Developing public speaking/presentation skills	0.30%	1	9.04%	30	44.28%	147	46.39%	154	332

Regardless of your experience in the Core, please indicate the priority level each of these items should have in the Core going forward:



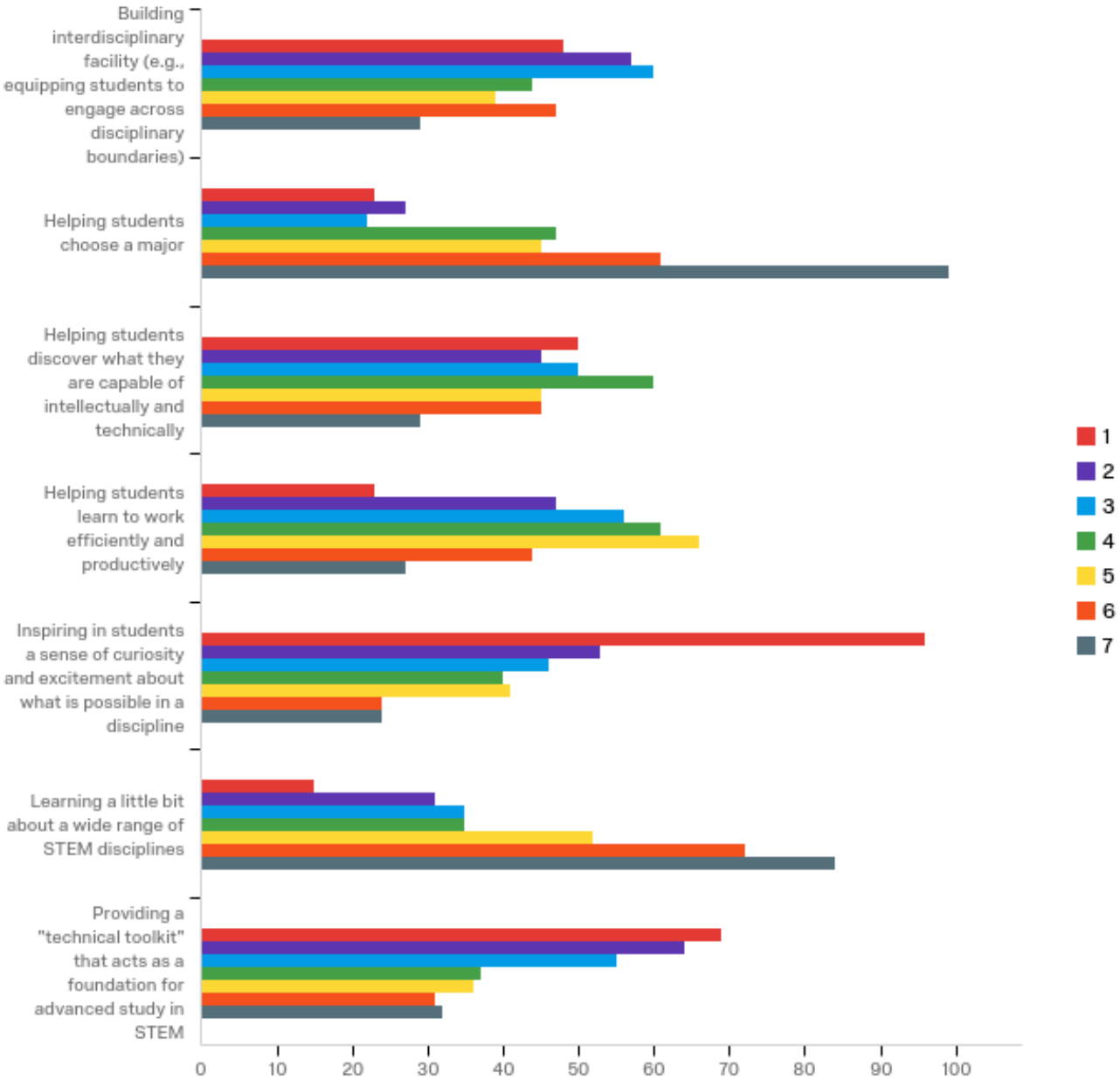
Question	None		Low		Medium		High		Total
Applying facts, theories, or methods to practical problems or in new situations	0.00%	0	1.51%	5	26.20%	87	72.29%	240	332
Developing the ability to think critically	0.00%	0	0.30%	1	10.57%	35	89.12%	295	331
Learning to think like a practitioner of each discipline represented in Core (e.g., biologist, chemist)	1.21%	4	19.64%	65	43.81%	145	35.35%	117	331
Learning to think like a humanist, social scientist, or artist	2.42%	8	25.08%	83	41.99%	139	30.51%	101	331
Learning to evaluate and interpret information	0.00%	0	0.60%	2	24.17%	80	75.23%	249	331
Learning to discern relevant and reliable information to support an argument	0.00%	0	3.02%	10	31.42%	104	65.56%	217	331
Having time to reflect on material covered in each of the courses	0.30%	1	6.06%	20	28.18%	93	65.45%	216	330

Regardless of your experience in the Core, please indicate the priority level each of these items should have in the Core going forward:



Question	None		Low		Medium		High		Total
Learning what you are capable of intellectually	1.23%	4	6.44%	21	39.26%	128	53.07%	173	326
Developing a sense of curiosity and wonder	0.00%	0	6.73%	22	23.24%	76	70.03%	229	327
Finding what you want to do in life	0.92%	3	11.01%	36	41.28%	135	46.79%	153	327
Promoting life-long learning	0.00%	0	5.21%	17	28.83%	94	65.95%	215	326
Gaining self-confidence	1.53%	5	7.65%	25	34.86%	114	55.96%	183	327
Exploring ideas that were new to you	0.00%	0	3.68%	12	29.75%	97	66.56%	217	326
Being challenged to do your best work	0.31%	1	4.32%	14	24.07%	78	71.30%	231	324
Learning how to manage time	0.00%	0	4.91%	16	26.99%	88	68.10%	222	326
Learning to work collaboratively	0.31%	1	0.61%	2	21.17%	69	77.91%	254	326
Accepting that mistakes are part of the learning process	0.62%	2	3.38%	11	17.85%	58	78.15%	254	325
Other (please specify)	10.00%	3	0.00%	0	23.33%	7	66.67%	20	30

A spring 2017 external evaluation of the Core of the Core yielded several possible aspirations for the curriculum. Please arrange each of these in order of importance to you, with 1 being the most important and 7 being the least important.



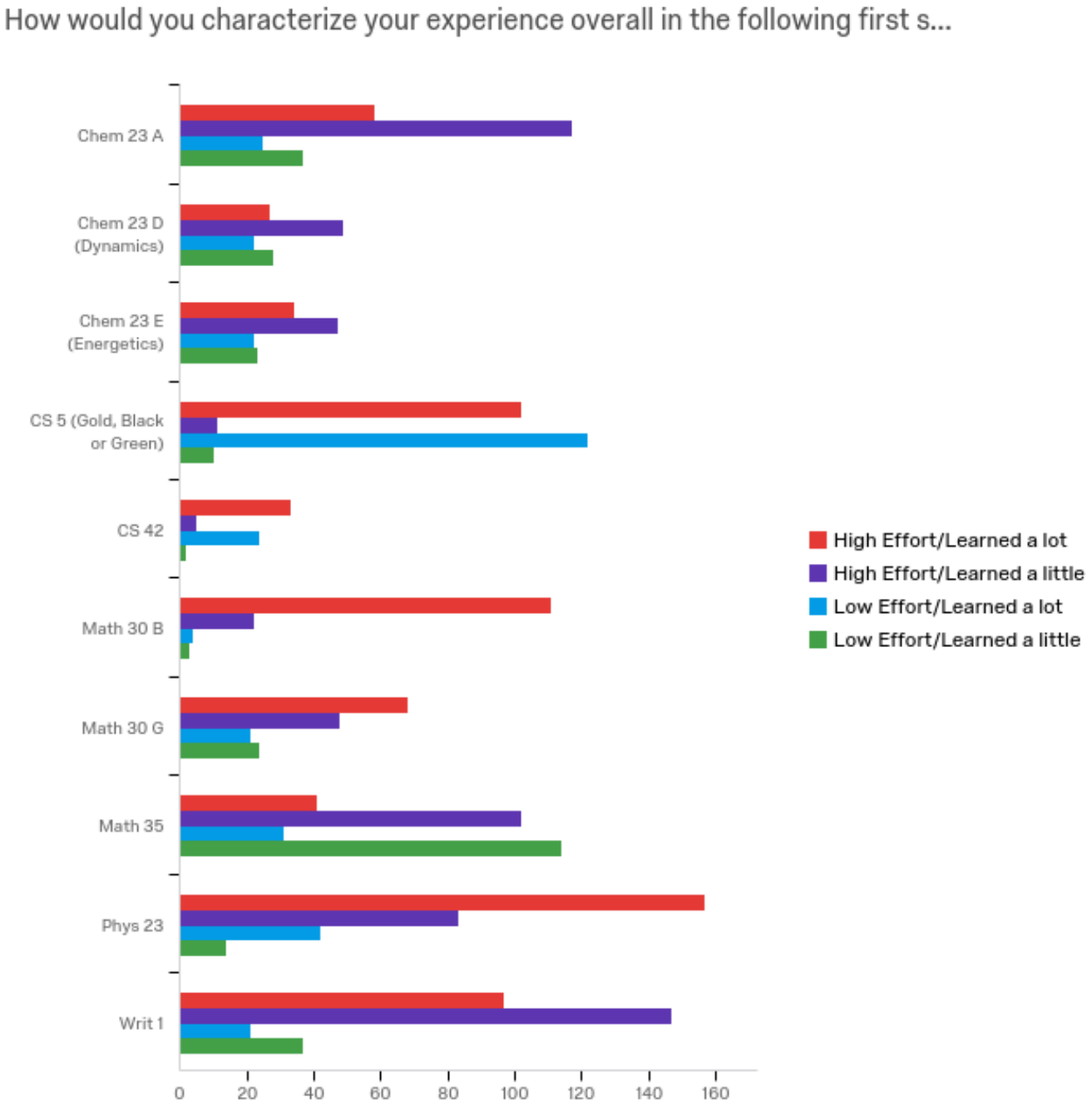
Question	1		2		3		4		5		6		7		Total
Building interdisciplinary facility (e.g., equipping students to engage across disciplinary boundaries)	14.81%	48	17.59%	57	18.52%	60	13.58%	44	12.04%	39	14.51%	47	8.95%	29	324
Helping students choose a major	7.10%	23	8.33%	27	6.79%	22	14.51%	47	13.89%	45	18.83%	61	30.56%	99	324
Helping students discover what they are capable of intellectually and technically	15.43%	50	13.89%	45	15.43%	50	18.52%	60	13.89%	45	13.89%	45	8.95%	29	324
Helping students learn to work efficiently and productively	7.10%	23	14.51%	47	17.28%	56	18.83%	61	20.37%	66	13.58%	44	8.33%	27	324
Inspiring in students a sense of curiosity and excitement about what is possible in a discipline	29.63%	96	16.36%	53	14.20%	46	12.35%	40	12.65%	41	7.41%	24	7.41%	24	324
Learning a little bit about a wide range of STEM disciplines	4.63%	15	9.57%	31	10.80%	35	10.80%	35	16.05%	52	22.22%	72	25.93%	84	324
Providing a "technical toolkit" that acts as a foundation for advanced study in STEM	21.30%	69	19.75%	64	16.98%	55	11.42%	37	11.11%	36	9.57%	31	9.88%	32	324

Item	% Ranked #1
Inspiring in students a sense of curiosity and excitement about what is possible in a discipline	29.63%
Providing a "technical toolkit" that acts as a foundation for advanced study in STEM	21.30%
Helping students discover what they are capable of intellectually and technically	15.43%
Building interdisciplinary facility (e.g., equipping students to engage across disciplinary boundaries)	14.81%
Learning a little bit about a wide range of STEM disciplines	7.10%
Helping students learn to work efficiently and productively	7.10%
Helping students choose a major	4.63%

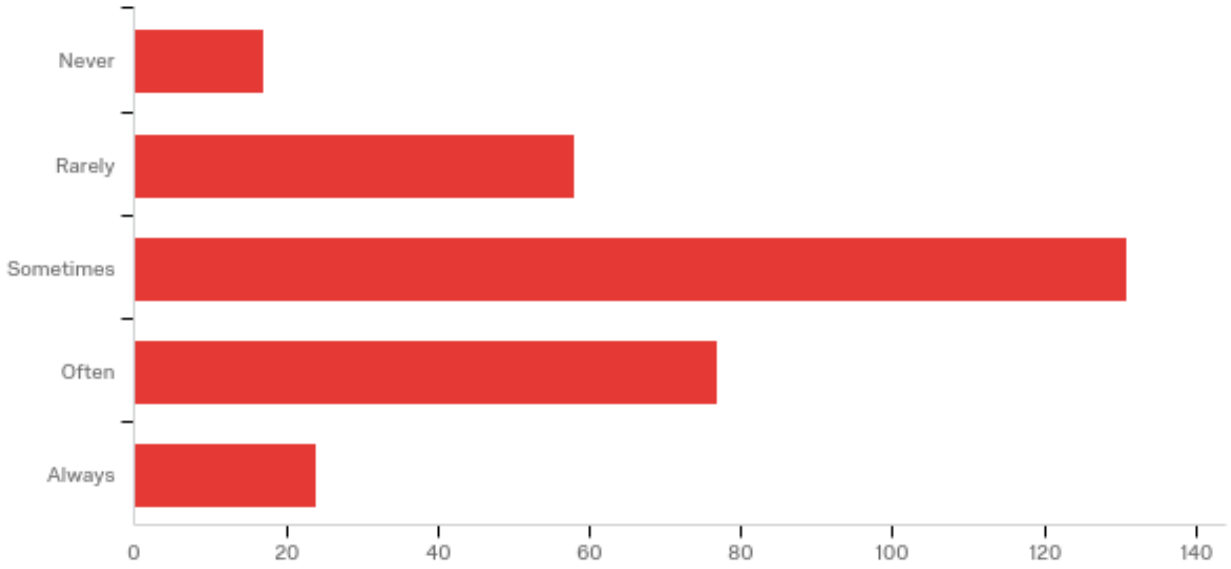
Item	Combined % Ranked in Top 2
Inspiring in students a sense of curiosity and excitement about what is possible in a discipline	45.99%
Providing a "technical toolkit" that acts as a foundation for advanced study in STEM	41.05%
Building interdisciplinary facility (e.g., equipping students to engage across disciplinary boundaries)	32.40%
Helping students discover what they are capable of intellectually and technically	29.32%
Helping students learn to work efficiently and productively	21.61%
Learning a little bit about a wide range of STEM disciplines	14.20%
Helping students choose a major	15.43%

Item	Combined % Ranked in Top 3
Inspiring in students a sense of curiosity and excitement about what is possible in a discipline	60.19%
Providing a "technical toolkit" that acts as a foundation for advanced study in STEM	58.03%
Building interdisciplinary facility (e.g., equipping students to engage across disciplinary boundaries)	50.92%
Helping students discover what they are capable of intellectually and technically	44.75%
Helping students learn to work efficiently and productively	38.89%
Learning a little bit about a wide range of STEM disciplines	25.00%
Helping students choose a major	22.22%

How would you characterize your experience overall in the following first semester core courses: (Drag and drop the course into the appropriate box)

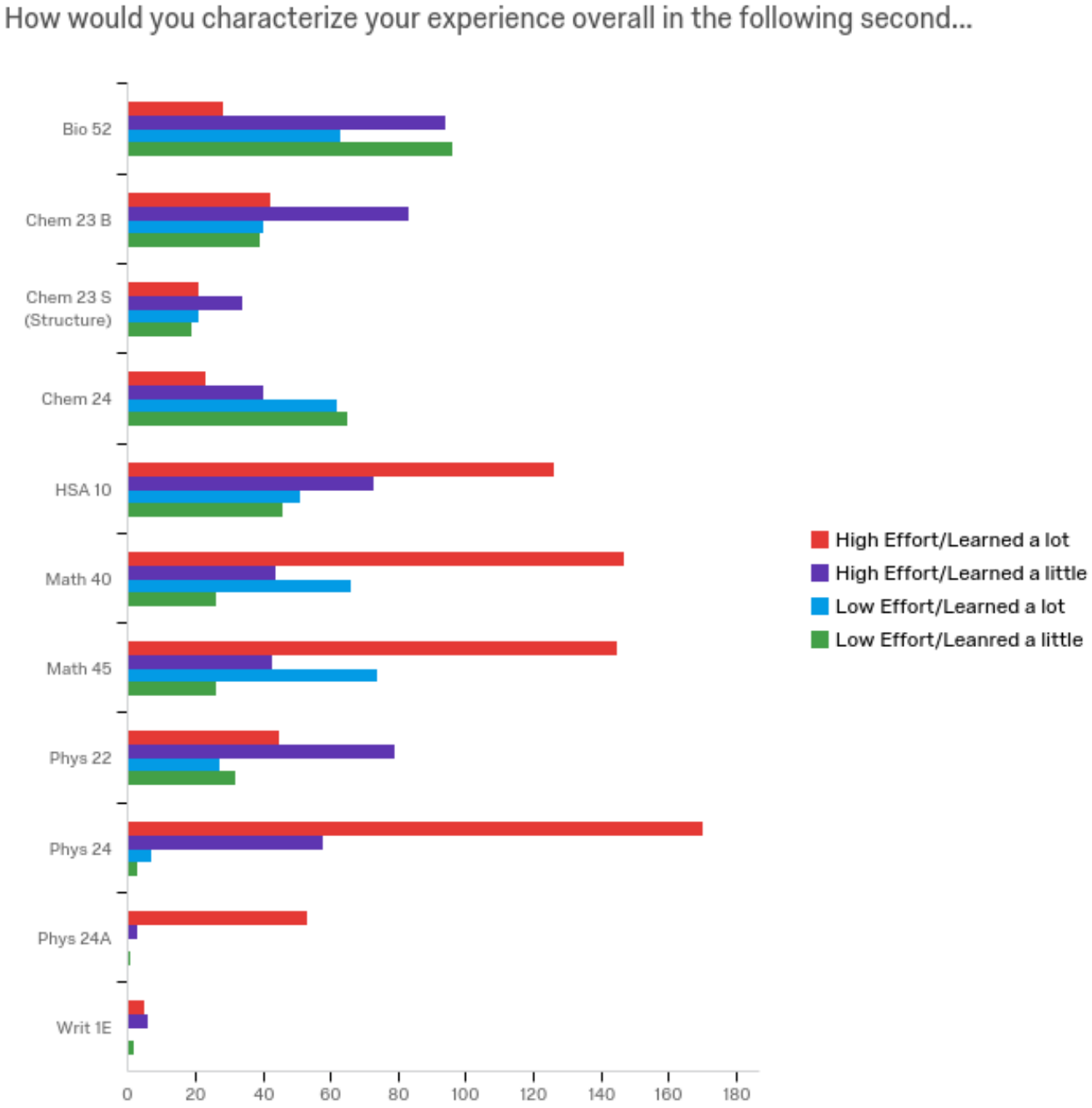


How often first semester did you have enough time to pursue interests outside of class and homework?

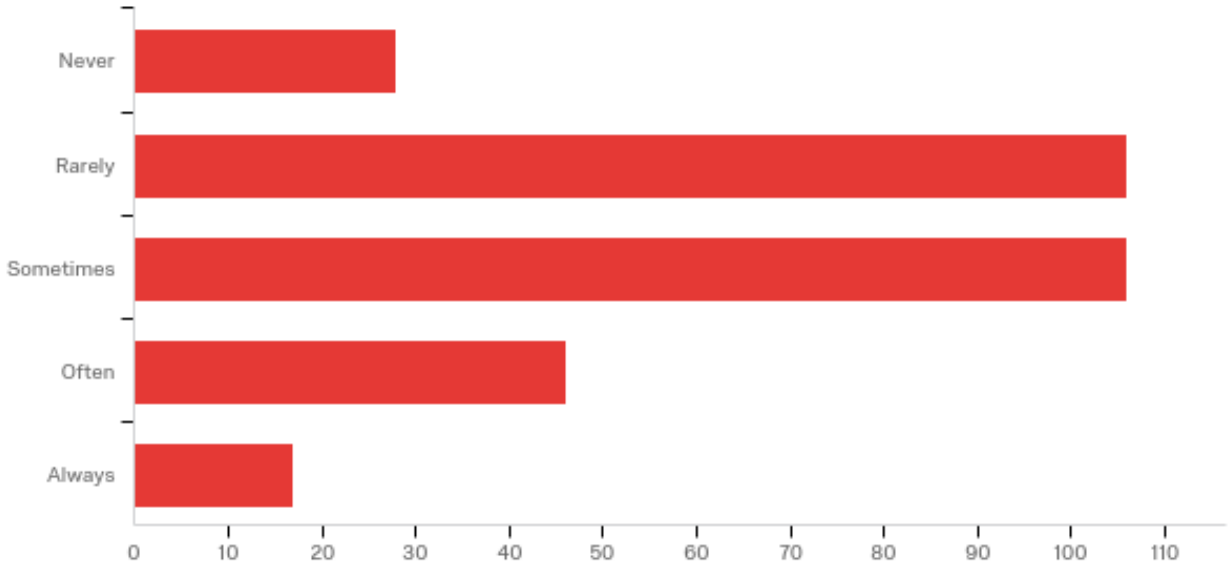


Answer	%	Count
Never	5.54%	17
Rarely	18.89%	58
Sometimes	42.67%	131
Often	25.08%	77
Always	7.82%	24
Total	100%	307

How would you characterize your experience overall in the following second semester core courses: (Drag and drop the course into the appropriate box)

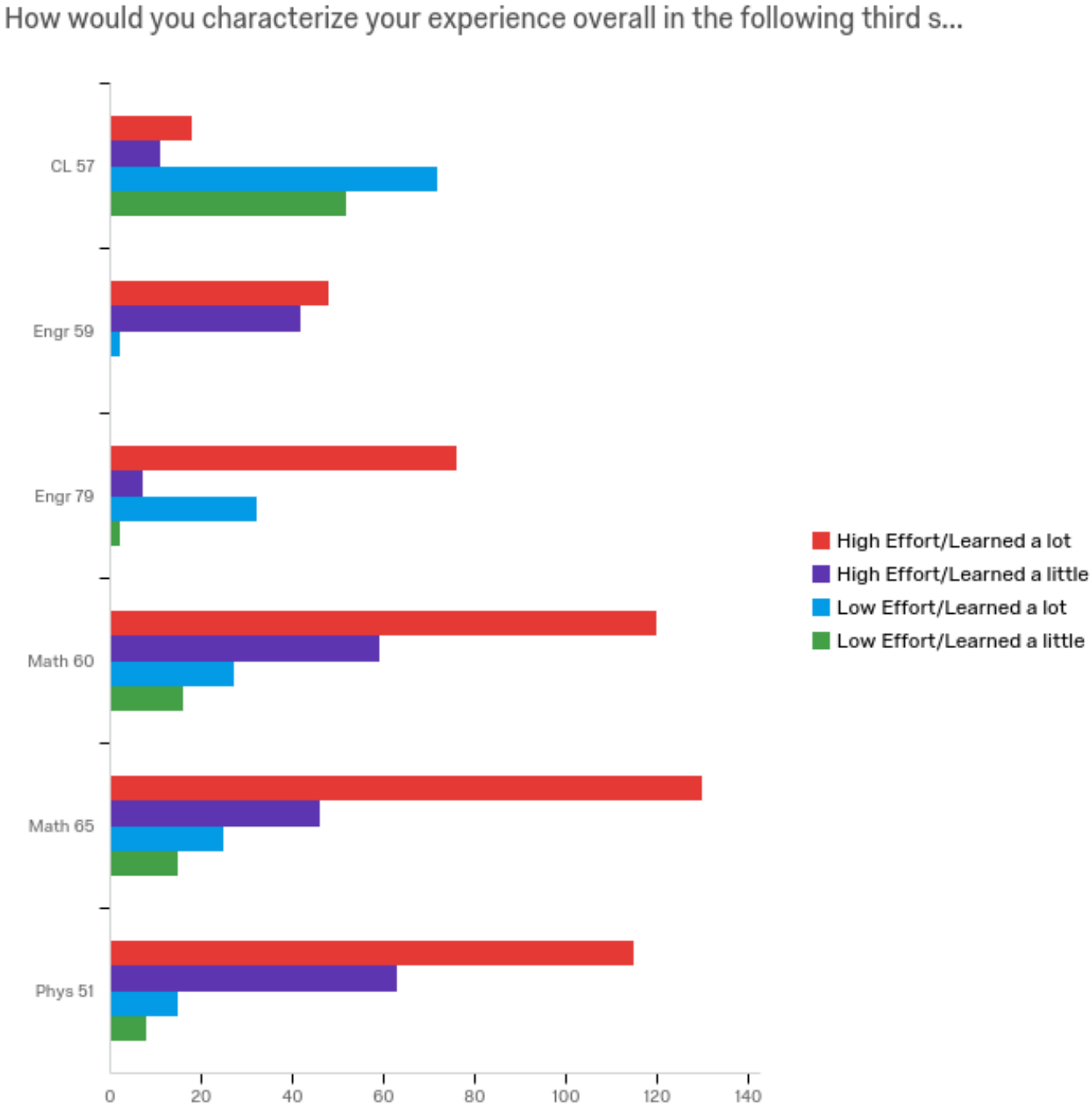


How often second semester did you have enough time to pursue interests outside of class and homework?

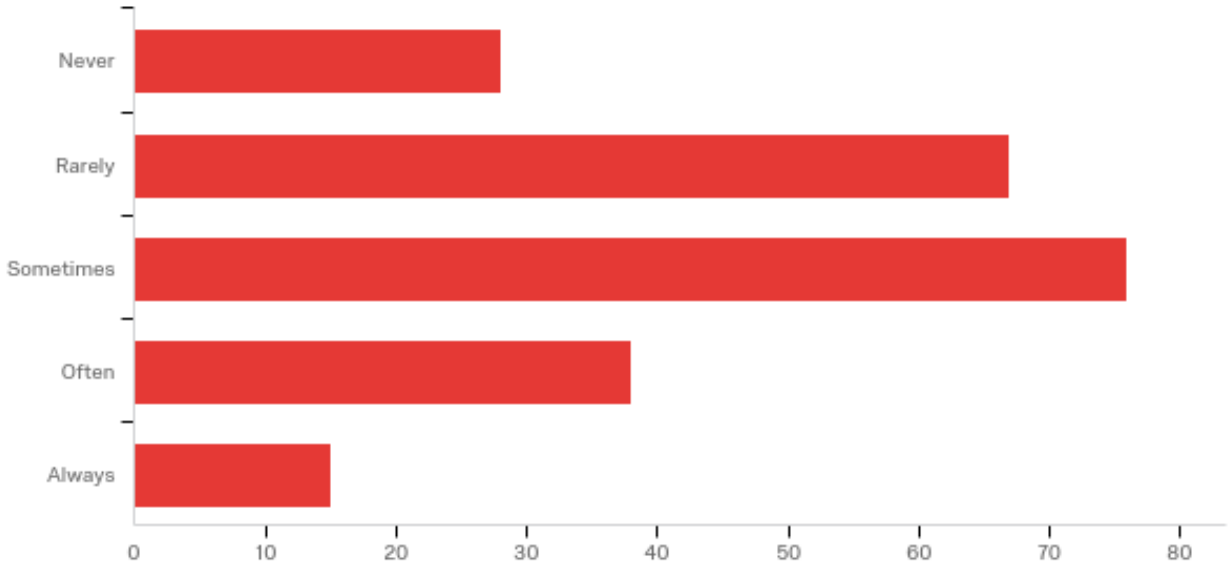


Answer	%	Count
Never	9.24%	28
Rarely	34.98%	106
Sometimes	34.98%	106
Often	15.18%	46
Always	5.61%	17
Total	100%	303

How would you characterize your experience overall in the following third semester core courses: (Drag and drop the course into the appropriate box)



How often third semester did you have enough time to pursue interests outside of class and homework?



Answer	%	Count
Never	12.50%	28
Rarely	29.91%	67
Sometimes	33.93%	76
Often	16.96%	38
Always	6.70%	15
Total	100%	224