



Major Field Report 2023

Northern Michigan University

NSSE data identify strengths and weaknesses in reference to comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that may exist among key subpopulations such as major-field groups. NSSE urges institutions to “look within,” calling attention to the need to examine variation in the student experience. The dashboards in this interactive report facilitate a deeper dive into your students’ responses by customizable groups of related majors.

About Your Major Field Report

Sample

This report uses data from all 2022 and 2023 respondents who provided a major on the survey. Targeted and locally administered oversamples and other non-randomly selected students are not included.

Majors

Students’ first and second majors are included in results.

Class level

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report intended majors that have not yet been declared. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results by major should be interpreted with caution.

Technical notes

Related-major groups with < 5 respondents in a given class are not reported (columns are blank). Likewise, customized comparison groups must have at least 5 institutions. Results require a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation by student-reported major, results are unweighted.

Start by Customizing Major Groups

Select the Define Groups button at right to customize up to ten major groups and apply student- and institution-level filters. Next, visit any dashboard linked below to explore your Engagement Indicators (EI) and other results. Because the dashboards draw from a very large dataset and apply multiple filters, page loading may be slow at times. If dashboards have trouble fully loading, try refreshing the page.

[Define Groups](#)

Within-Institution Dashboards

View your students’ responses across groups of related majors side-by-side within your institution only. Select the buttons below or see the “W:” tabs at top.

[EI and Other Scale Summaries](#)

[Individual EI and Other Scale Results](#)

[High-Impact Practices](#)

[Additional Academic Challenge Items](#)

[Time Spent in Selected Activities](#)

Between-Institution Dashboards

Compare your students’ responses to those in the same groups of majors at customizable groups of institutions. Select the buttons below or see the “B:” tabs at top.

[EI and Other Scale Comparisons](#)

[High-Impact Practice Comparisons](#)

[Additional Challenge Item Comparisons](#)

[Time Spent in Selected Activities](#)

All Items and Scales Dashboard

View all NSSE items and scales on a single page, one major group at a time, along with your customized comparison group.

[All NSSE Items and Scales](#)

Video Tutorial

Take a 12-minute video tour of the Major Field Report:
<https://youtu.be/qAWGECkIKcl?si=PCIp9N9BhtPAKHwb>

Questions or feedback?

Comments, questions, and ideas for improving these dashboards are appreciated.
Click here: <https://go.iu.edu/4fk3>

Major Field Report 2023: Within-Institution Results Northern Michigan University Define Groups: Customize Your Results

Customize your results using the pull-down menus below. In section A, select a class level. In section B, identify the majors to be included in up to 10 groups. Students' self-reported majors were assigned to a standard list of 138 majors. Groups are preloaded with NSSE's default categories. The number of respondents in each selected major is indicated. Only majors with at least one respondent are shown. In section C, filter by student-level variables which apply to all dashboards. In section D, filter by institutional characteristics to define a comparison group for the between-institution results.

Results require at least five students per major group (when less than five, the counts are shown in red); comparison group selections require at least five institutions. Filters will reduce counts and some majors may drop from the list. Return to this dashboard as desired to adjust selections.

To reset all selections to defaults, close this browser window and reopen your report via your NSSE Interface link. To reset only sections C and D, select "Reset C & D Filters" at bottom.

A. Select class level

First-year

Senior

Total counts* before filters:

First-year	110	*Limited to those who identified at least one major on the survey.
Senior	278	

Start

B. Customize up to 10 major groups (preloaded with NSSE default categories—see <https://go.iu.edu/4DQs>)

Group 1:	Group 2:	Group 3:	Group 4:	Group 5:
Multiple values	Multiple values	Multiple values	Multiple values	Multiple values
1. Arts, fine and appl.. 12	16. Biology (general) 21	35. Chemistry 9	43. Anthropology 3	53. Accounting 5
4. English (language .. 6	18. Biochemistry or .. 10	36. Computer science 3	44. Economics 3	55. Entrepreneurial .. 2
5. French (language .. 2	20. Botany 5	37. Earth science (incl.. 3	48. International rela.. 3	56. Finance 2
6. Spanish (language.. 2	22. Environmental sc.. 16	38. Mathematics 3	49. Political science 6	57. Hospitality and t.. 3
7. Other language an.. 1	24. Microbiology or b.. 1	39. Physics 2	50. Psychology 14	59. Management 7
8. History 1	25. Natural resource.. 6	41. Other physical sci.. 3	51. Sociology 2	61. Marketing 5
11. Philosophy 2	27. Neuroscience 8	Group Total 22	Group Total 30	62. Organizational I.. 2
15. Other humanities 1	28. Physiology and d.. 3			64. Other business 3
Group Total 27	29. Zoology 5			Group Total 29
	30. Other agriculture.. 4			
	31. Other biological s.. 3			
	Group Total 81			
Group 6:	Group 7:	Group 8:	Group 9:	Group 10:
Multiple values	Multiple values	Multiple values	Multiple values	Multiple values
65. Communications (.. 1	76. Elementary, mid.. 10	84. Engineering (gene.. 1	101. Health technolo.. 6	115. Criminal justice 7
66. Broadcast commu.. 2	77. Mathematics edu.. 2	88. Chemical engineeri.. 1	103. Kinesiology 4	117. Forensics 1
67. Journalism 2	78. Music or art educ.. 2	91. Electrical or electr.. 1	105. Nursing 17	119. Law 1
68. Mass communicat.. 1	79. Physical education 2	94. Mechanical engine.. 4	108. Occupational the.. 1	123. Social work 8
69. Public relations a.. 2	80. Secondary educa.. 12	Group Total 7	110. Physical therapy 1	Group Total 17
Group Total 8	81. Social studies ed.. 1		112. Speech therapy 4	
	82. Special education 2		Group Total 33	
	83. Other education 2			
	Group Total 31			

C. Customize student backgrounds and experiences (applies to all dashboards)

Race/ethnicity (U.S. only) All	Ethnicity (Canada only) All	Gender identity All	Sexual orientation All
First-generation status All	International status All	Enrollment status All	Age All
Transfer status All	Course modality All		

Total counts* after filters:

First-year	110
Senior	278

Reset C & D Filters

D. Customize comparison institutions (applies to comparison group results)

Carnegie class. (U.S. only) All	Control (U.S. only) All
U.S. region and Canada All	Undergrad. enroll. (U.S. on.. All
HBCU status (U.S. only) All	HSI status (U.S. only) All

NSSE admin. year
All

Total comparison institutions after filters:

857



Major Field Report 2023: Within-Institution Results Northern Michigan University Summary of Engagement Indicators and Other Scales

A summary of scales for all majors combined, and for each related-major group identified on the Define Groups page. Student-level filters, if used, also apply. Blank columns represent groups with < 5 respondents. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Start

Define Groups

Senior

Senior

Engagement Indicators		All Majors	Major Group 1	Major Group 2	Major Group 3	Major Group 4	Major Group 5	Major Group 6	Major Group 7	Major Group 8	Major Group 9	Major Group 10
Higher-Order Learning	Mean	40.6	43.7	37.3	40.9	42.2	37.9	35.0	43.7	40.0	45.2	44.7
	Count	278	27	81	22	30	29	8	31	7	33	17
Reflective & Integrative Learning	Mean	40.1	44.4	36.4	35.2	45.2	38.6	36.8	46.0	38.8	41.2	45.0
	Count	278	27	81	22	30	29	8	31	7	33	17
Learning Strategies	Mean	36.8	36.8	35.3	32.1	39.8	33.8	35.0	37.8	44.8	39.0	38.8
	Count	278	27	81	22	30	29	8	31	7	33	17
Quantitative Reasoning	Mean	29.2	21.7	31.2	35.5	34.0	27.4	19.2	27.8	40.0	29.9	23.9
	Count	274	27	79	22	29	29	8	30	7	33	17
Collaborative Learning	Mean	32.5	28.0	30.8	38.4	29.1	33.4	31.3	39.5	39.3	34.1	31.3
	Count	274	25	80	22	29	29	8	31	7	33	16
Discussions With Diverse Others	Mean	33.7	33.2	31.8	36.4	36.2	31.6	40.0	35.8	29.3	33.5	38.8
	Count	274	25	80	21	30	29	8	31	7	33	17
Student-Faculty Interaction	Mean	26.2	26.9	23.8	24.3	25.0	23.4	31.9	30.3	25.7	30.5	30.0
	Count	278	27	81	22	30	29	8	31	7	33	17
Effective Teaching Practices	Mean	40.7	46.8	36.9	40.5	37.5	38.3	40.0	45.7	49.7	41.7	42.4
	Count	278	27	81	22	30	29	8	31	7	33	17
Quality of Interactions	Mean	41.6	39.9	38.8	38.8	41.9	40.9	40.3	45.5	47.6	45.8	43.9
	Count	265	27	76	21	30	29	8	30	5	32	14
Supportive Environment	Mean	30.0	30.7	28.3	23.6	29.3	30.0	36.3	34.6	28.2	32.7	30.0
	Count	277	27	81	22	30	29	8	31	7	33	16
Other Scales												
Sense of Belonging	Mean	39.7	39.8	36.8	36.8	36.4	43.0	41.7	43.7	39.0	41.4	43.8
	Count	276	27	81	21	30	29	8	31	7	33	16
Perceived Gains	Mean	36.7	37.6	33.9	32.7	38.0	35.1	40.8	44.4	36.3	37.5	42.3
	Count	277	27	81	22	30	29	8	31	7	33	16

Notes—Visit the Define Groups page to adjust related-major groups and to edit student-level filters. Cells with zero responses are blank, and entire columns with < 5 respondents are blank. Results are unweighted.

Student filters applied: Race/eth. (US): All; Race/eth. (CA): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Major Field Report 2023: Within-Institution Results Northern Michigan University Engagement Indicators, Sense of Belonging, and Perceived Gains

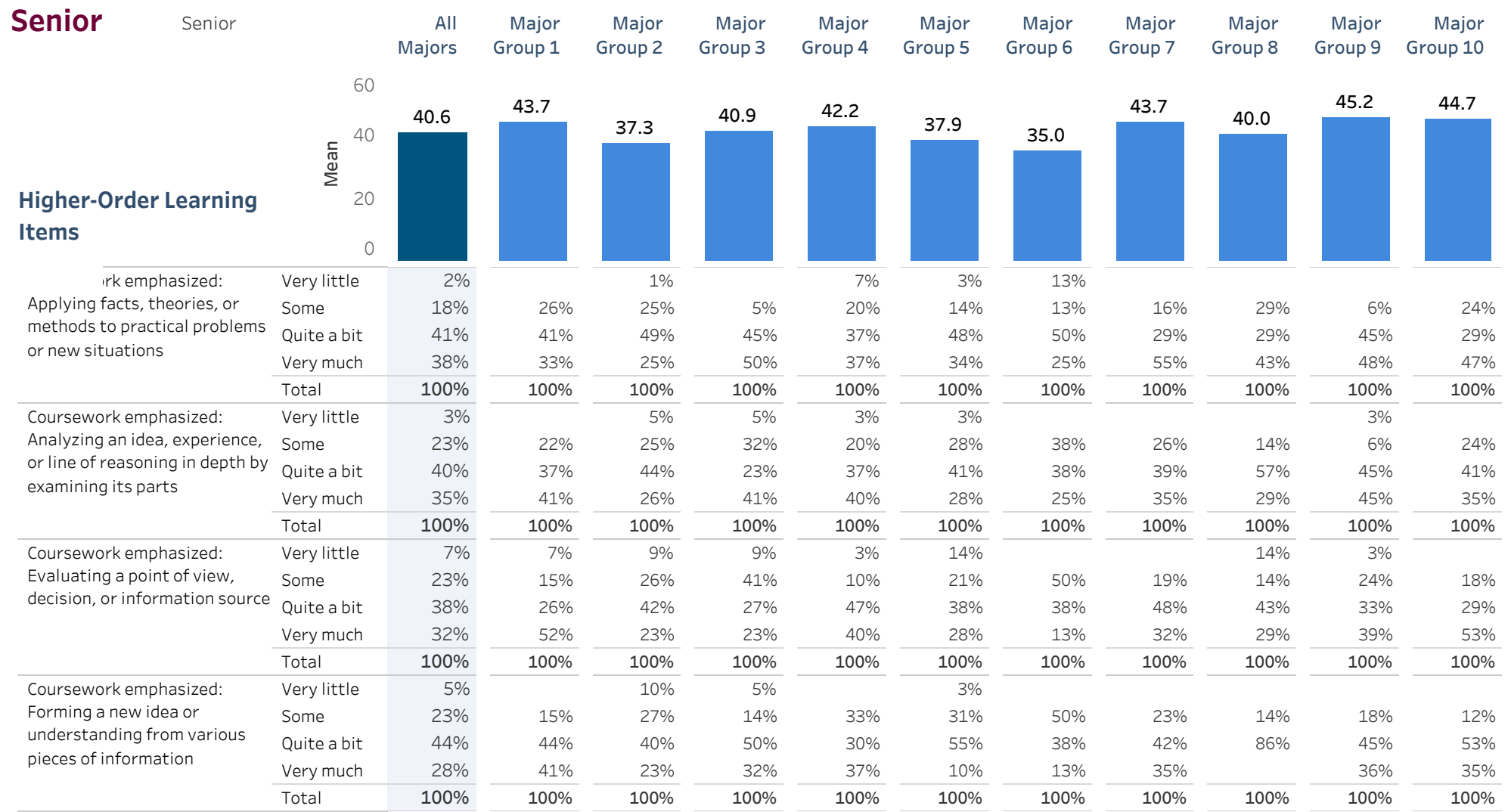
This page displays the individual Engagement Indicators, Sense of Belonging scale, and Perceived Gains scale—along with their component item frequencies—for all related-major categories identified in the “Define Groups” dashboard. Use the selection filter to change the content being displayed. Student-level filters, if used, also apply. Visit the Define Groups page to edit related-major groups and other student-level filters. Cells with zero responses and entire columns with < 5 respondents are blank. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate. See note at bottom for the list of applied student-level filters. Results are unweighted.

Select content to display:
Higher-Order Learning

Displaying:
Higher-Order Learning

Start

Define Groups



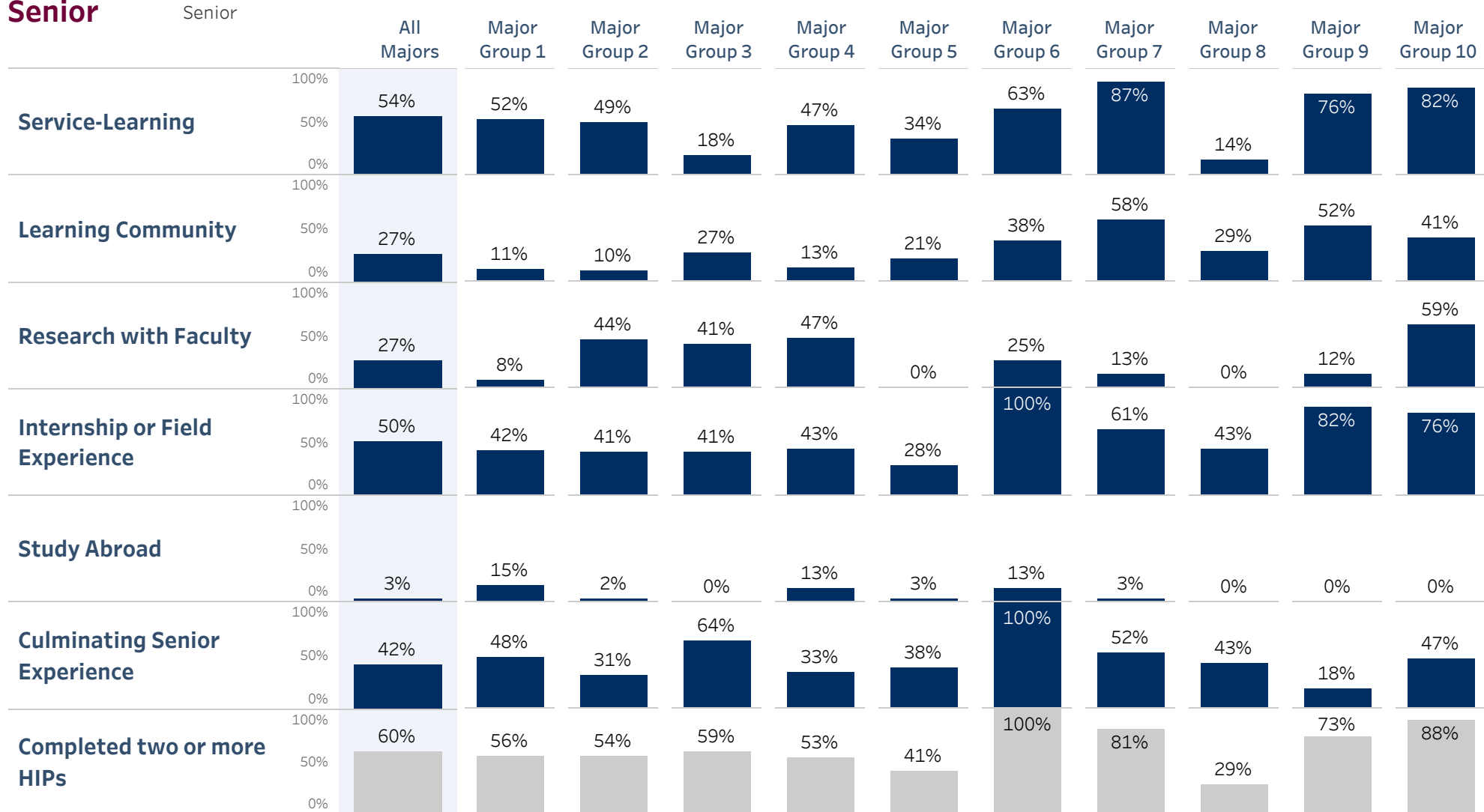
Major Field Report 2023: Within-Institution Results Northern Michigan University High-Impact Practices

This page displays the percentage who participated (FY or senior) or planned to participate (FY only) in a HIP, and who participated overall (at least one for FY, two+ for seniors). For FY students, internship and field experiences, study abroad, and capstone experiences show the percentages who responded "plan to do." For seniors, all results show the participation percentage. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Start

Define Groups

Senior



Notes—Visit the Define Groups page to adjust major groups and other student filters. Cells with zero responses are blank; figures with < 5 respondents are entirely blank. Participation for service-learning is the percentage who responded that at least "some" courses included a community-based project. Results are unweighted.

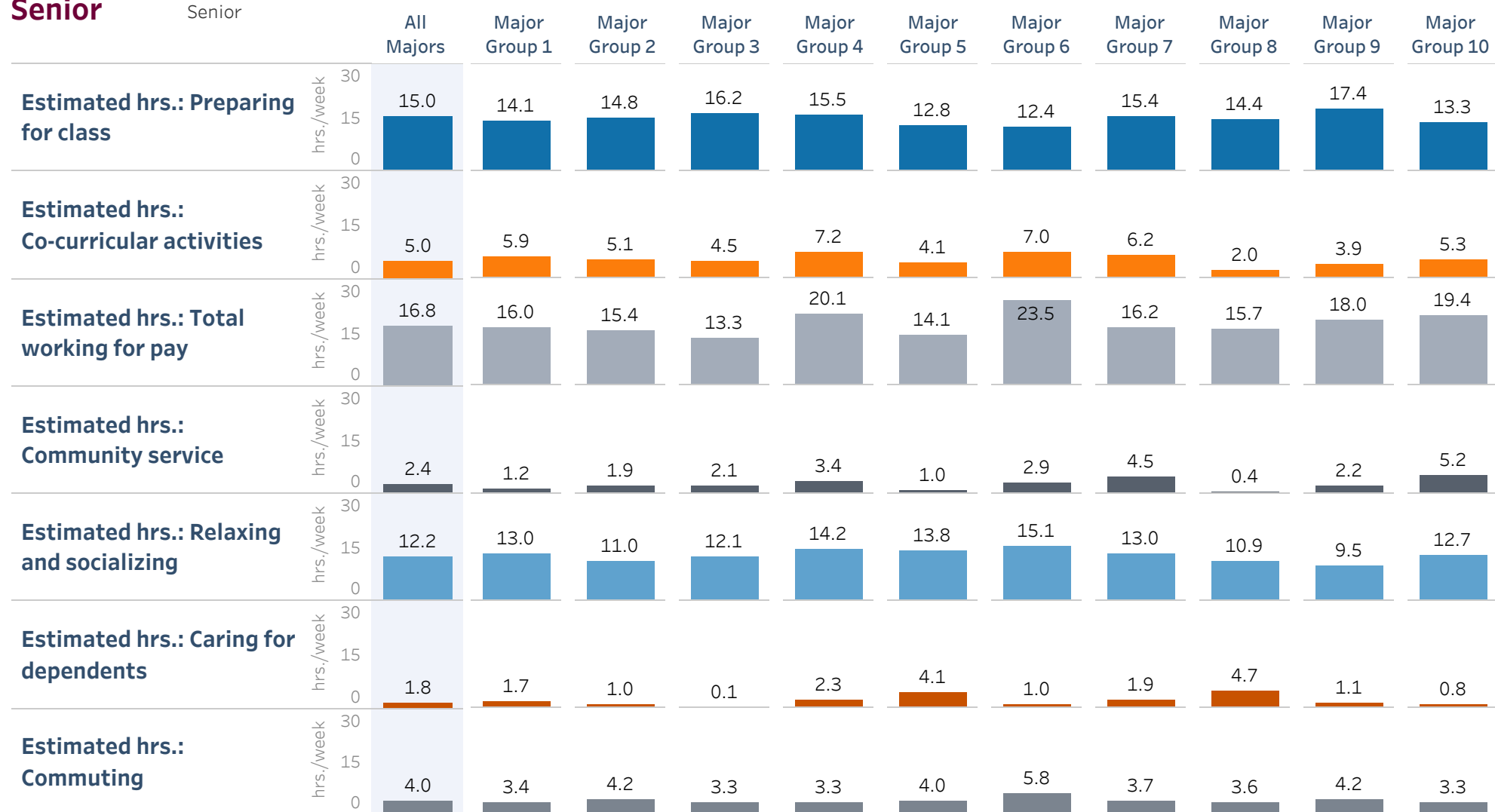
Student filters applied: Race/eth. (US): All; Race/eth. (CA): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Major Field Report 2023: Within-Institution Results Northern Michigan University Time Spent on Selected Activities

This page displays the estimated amount of time students spent in various activities outside of the classroom. Understanding how students allocate their time among academic work, employment, and other activities and commitments offers insight into both student support needs and programmatic differences in expectations and requirements. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Start
Define Groups

Senior



Notes—Visit the dashboard “Define Groups” to adjust major groups and filter by student characteristics. Charts with < 5 respondents are blank. Time-use values are estimates based on responses to items with categorical ranges. Results are unweighted.

Student filters applied: Race/eth. (US): All; Race/eth. (CA): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Major Field Report 2023: Within-Institution Results

Northern Michigan University

Academic Challenge: Additional Results

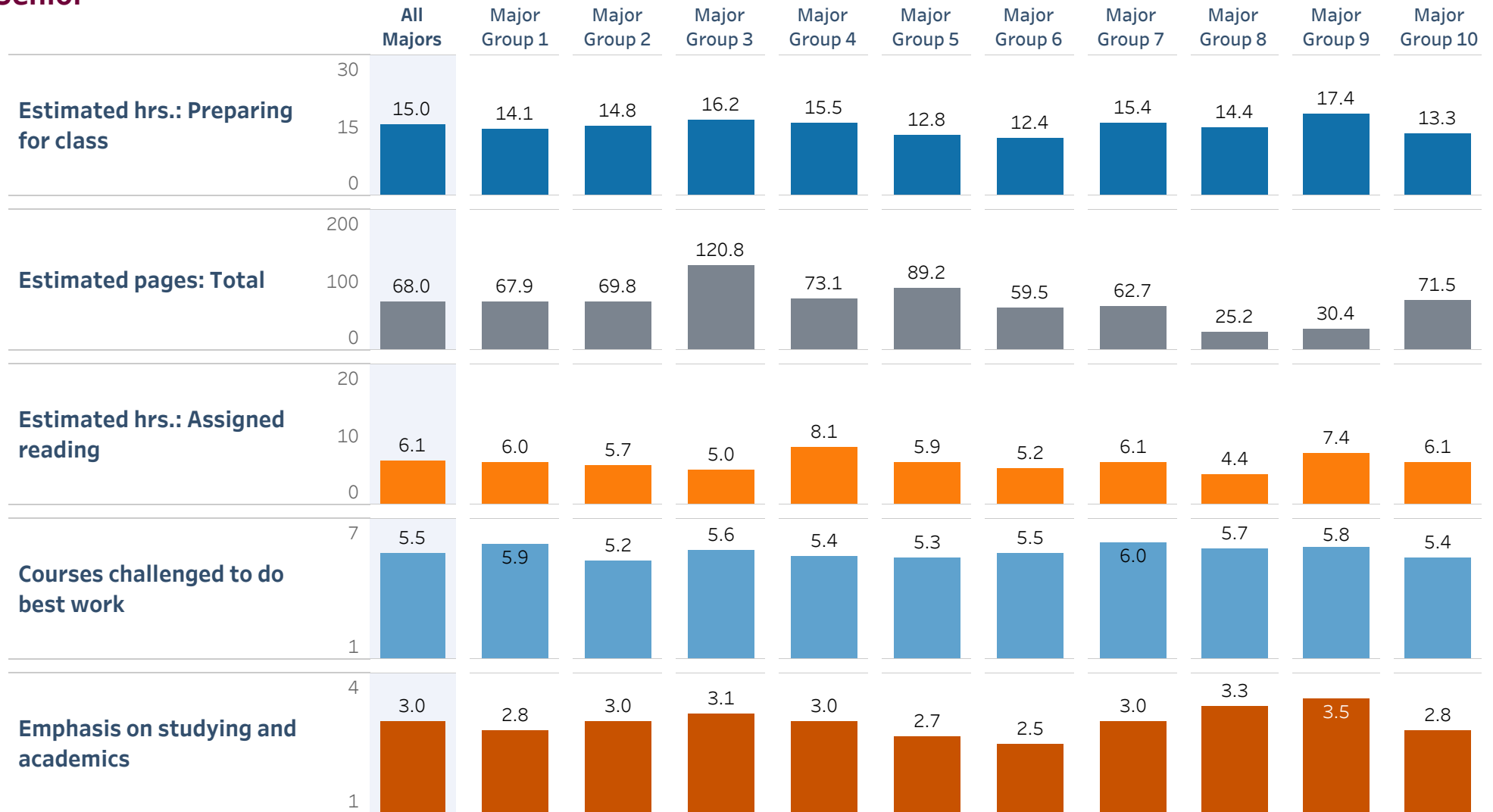
The Academic Challenge theme contains four Engagement Indicators as well as several important individual items. The results presented here provide an overview of these individual items for each of the related-major categories identified in the "Define Groups" dashboard. Student-level filters, if used, also apply. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Start

Define Groups

Senior

Senior



Notes—Visit the Define Groups page to adjust major groups and other student filters. Cells with zero respondents are blank; figures with < 5 respondents are entirely blank. Results are unweighted.

Student filters applied: Race/eth. (US): All; Race/eth. (CA): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Results for Engagement Indicators, Sense of Belonging, and Perceived Gains are shown for your students and the comparison group. Use the pull-down menus to change the displayed content areas and major group. Visit the Define Groups page to edit major groups and student- and institution-level filters. See page bottom for the list of applied filters. Cells with 0 responses are blank; columns with < 5 respondents are entirely blank, as are comparison groups with < 5 institutions. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate. Results are unweighted.

Select scales and item sets: Higher-Order Learning / Reflective & Integrative Learning

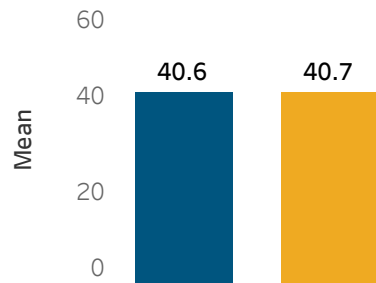
Select a major group: All Majors

Displaying: All Majors

[Start](#) [Define Groups](#)

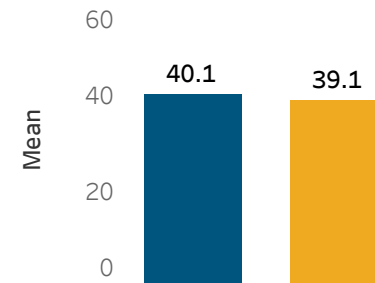
Senior Senior

Higher-Order Learning



Coursework emphasized: Applying facts, theories, or methods to practical problems or new situations	Very little	2%	3%
	Some	18%	21%
	Quite a bit	41%	43%
	Very much	38%	33%
	Total	100%	100%
Coursework emphasized: Analyzing an idea, experience, or line of reasoning in depth by examining its parts	Very little	3%	3%
	Some	23%	19%
	Quite a bit	40%	45%
	Very much	35%	33%
	Total	100%	100%
Coursework emphasized: Evaluating a point of view, decision, or information source	Very little	7%	5%
	Some	23%	22%
	Quite a bit	38%	42%
	Very much	32%	31%
	Total	100%	100%
Coursework emphasized: Forming a new idea or understanding from various pieces of information	Very little	5%	4%
	Some	23%	22%
	Quite a bit	44%	45%
	Very much	28%	30%
	Total	100%	100%

Reflective & Integrative Learning



How often: Combined ideas from different courses when completing assignments	Never	5%	4%
	Sometimes	19%	26%
	Often	40%	40%
	Very often	36%	30%
	Total	100%	100%
How often: Connected your learning to societal problems or issues	Never	5%	1%
	Sometimes	30%	14%
	Often	34%	45%
	Very often	31%	40%
	Total	100%	100%
How often: Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	Never	11%	6%
	Sometimes	33%	29%
	Often	28%	36%
	Very often	28%	28%
	Total	100%	100%
How often: Examined the strengths and weaknesses of your own views on a topic or issue	Never	4%	5%
	Sometimes	30%	27%
	Often	40%	43%
	Very often	27%	25%
	Total	100%	100%
How often: Tried to better understand someone else's views by imagining how an issue looks from their perspective	Never	3%	11%
	Sometimes	22%	31%
	Often	41%	32%
	Very often	35%	26%
	Total	100%	100%
How often: Learned something that changed the way you understand an issue or concept	Never	2%	2%
	Sometimes	27%	25%
	Often	36%	44%
	Very often	34%	29%
	Total	100%	100%
How often: Connected ideas from your courses to your prior experiences and knowledge	Never	1%	3%
	Sometimes	13%	23%
	Often	38%	45%
	Very often	48%	29%
	Total	100%	100%

NMU █
 Comparison Group █

Respondent Counts by Major

NMU Majors

1. Arts, fine and applied	12
4. English (language and lite..	6
5. French (language and liter..	2
6. Spanish (language and lit..	2
7. Other language and litera..	1
8. History	1
11. Philosophy	2
15. Other humanities	1
16. Biology (general)	21
18. Biochemistry or biophys..	10
20. Botany	5
22. Environmental science/s..	16
24. Microbiology or bacterio..	1
25. Natural resources and co..	6
27. Neuroscience	8
28. Physiology and develop..	3
29. Zoology	5
30. Other agriculture and na..	4
31. Other biological sciences	3

Comparison Group Majors

1. Arts, fine and applied	4,647
2. Architecture	1,150
3. Art history	465
4. English (language and..	4,270
5. French (language and ..	502
6. Spanish (language an..	1,242
7. Other language and lit..	1,255
8. History	3,208
9. Humanities (general)	264
10. Music	1,616
11. Philosophy	1,081
12. Religion	502
13. Theater or drama	1,273
14. Other fine and perfo..	1,570
15. Other humanities	808
16. Biology (general)	10,073
17. Agriculture	712
18. Biochemistry or biop..	2,214

Student filters: Race/eth. (US): All; Race/eth. (Can.): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Comp. group filters: Carnegie class.All; Control: All; Size: All; Region/Canada: All; HBCU: All; HSI: All; Year: All.

Major Field Report 2023—Between-Institution Results

Northern Michigan University

High-Impact Practices

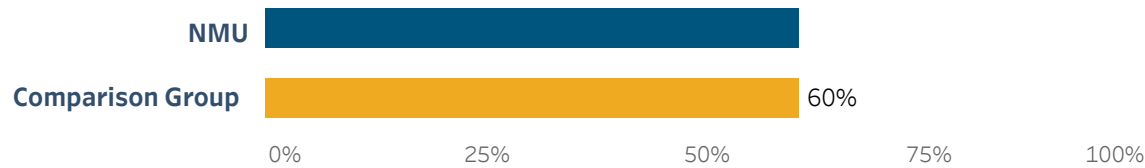
This page displays the percentage of your students who participated (first-year or senior) or planned to participate (FY only) in a **High-Impact Practice**, alongside results for your customized comparison group and the percentage who participated overall (at least one for FY students, two or more for seniors). For FY students, internships, study abroad, and capstone experiences show "plan to do." For seniors, all results show the participation percentage. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Select a major group: All Majors Displaying: **All Majors** [Define Groups](#) [Start](#)

Senior

Senior

Completed two or more HIPs



		NMU	Comparison Group		
Participate in a service-learning course	None	46%	41%		
	Some	45%	47%	54%	59%
	Most	8%	10%		
	All	2%	2%		
	Total	100%	100%		
Participate in a learning community	Done or in progress	27%	23%		
	Plan to do	5%	10%		
	Do not plan to do	55%	53%	27%	23%
	Have not decided	14%	14%		
	Total	100%	100%		
Participate in undergraduate research	Done or in progress	27%	24%		
	Plan to do	8%	12%		
	Do not plan to do	53%	49%	27%	24%
	Have not decided	12%	15%		
	Total	100%	100%		
Participate in internship, field exp., etc.	Done or in progress	50%	51%		
	Plan to do	21%	21%		
	Do not plan to do	22%	18%	50%	51%
	Have not decided	6%	10%		
	Total	100%	100%		
Participate in a study abroad program	Done or in progress	3%	9%		
	Plan to do	4%	8%		
	Do not plan to do	83%	70%	3%	9%
	Have not decided	9%	13%		
	Total	100%	100%		
Complete a capstone project	Done or in progress	42%	45%		
	Plan to do	27%	21%		
	Do not plan to do	25%	23%	42%	45%
	Have not decided	6%	10%		
	Total	100%	100%		

Respondent Counts by Major

NMU Majors

1. Arts, fine and applied	12
4. English (language and lite..	6
5. French (language and liter..	2
6. Spanish (language and lit..	2
7. Other language and litera..	1
8. History	1
11. Philosophy	2
15. Other humanities	1
16. Biology (general)	21
18. Biochemistry or biophysi..	10
20. Botany	5
22. Environmental science/s..	16
24. Microbiology or bacterio..	1
25. Natural resources and co..	6
27. Neuroscience	8
28. Physical and develop	

Comparison Group Majors

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15. Other humanities	808
16. Biology (general)	

Notes—Visit the Define Groups page to edit major groups and other filters. Items with 0 respondents are blank, as are figures with < 5 respondents and comp. groups with < 5 institutions. Results are unweighted.

* Participation in service-learning is the percentage who responded that at least "some" courses included a community-based project.

**For first-year students, column charts show the percentages who responded "plan to do."

Student filters: Race/eth. (US): All; Race/eth. (Can.): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Comp. group filters: Carnegie class.All; Control: All; Size: All; Region/Canada: All; HBCU: All; HSI: All; Year: All.

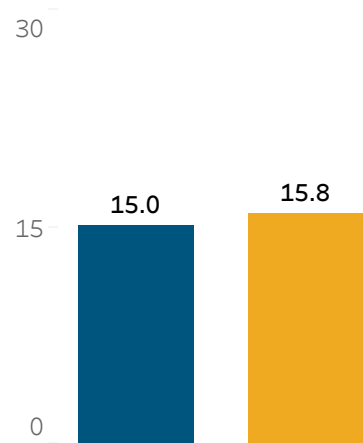
Major Field Report 2023—Between-Institution Results Northern Michigan University Additional Academic Challenge Items

The Academic Challenge theme contains four Engagement Indicators as well as several important individual items. Results below show the mean score for your students alongside those of students at the comparison group institutions. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

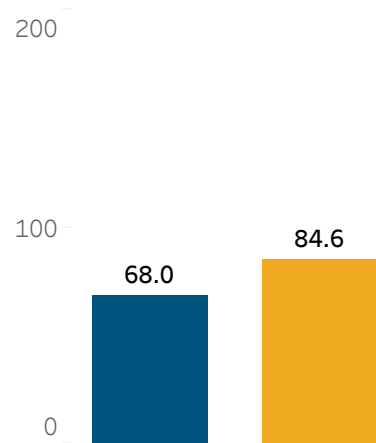
Select a major group: All Majors Displaying: **All Majors** [Define Groups](#) [Start](#)

Senior Senior

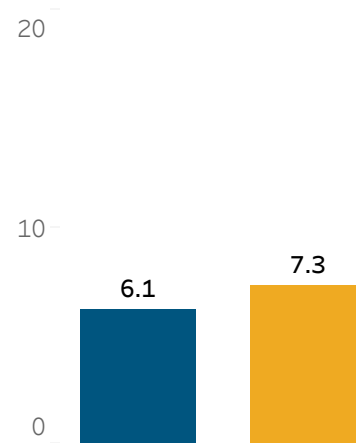
Time Spent Preparing for Class (hours/week)



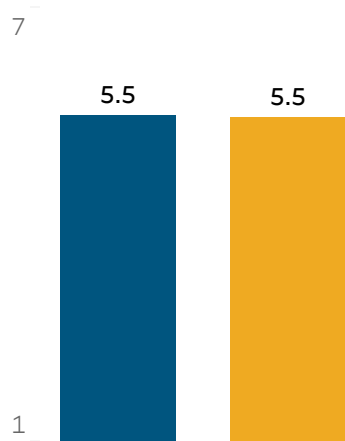
Estimated Total Pages of Assigned Writing, Current Year



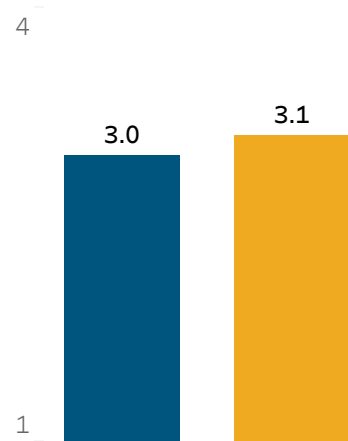
Average Hours per Week on Course Reading



How Challenged Were Students to Do Their Best Work?
(1=Not at all to 7=Very much)



Emphasis on Studying and on Academic Work
(1=Very little, 2=Some, 3=Quite a bit, 4=Very much)



NMU ■
Comparison Group ■

Respondent Counts by Major

NMU Majors

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25. Natural resources and co..	6
27. Neuroscience	8
28. Physiology and develop..	3

Comparison Group Majors

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4. English (language and..	4,270
5. French (language and ..	502
6. Spanish (language an..	1,242
7. Other language and lit..	1,255
8. History	3,208
9. Humanities (general)	264
10. Music	1,616
11. Philosophy	1,081
12. Religion	502
13. Theater or drama	1,273
14. Other fine and perfo..	1,570
15. Other humanities	808
16. Biology (general)	10,073

Notes—Visit the Define Groups page to adjust major groups, change the class level, and filter by student and institution characteristics. Figures with < 5 respondents are blank, as are comparison groups with < 5 institutions. Results are unweighted.

Student filters: Race/eth. (US): All; Race/eth. (Can.): All; Sex. orient.: All; Gender: All; First-gen.: All; Transfer: All; International: All; Enroll.: All; Age: All; Courses: All.

Comp. group filters: Carnegie class.All; Control: All; Size: All; Region/Canada: All; HBCU: All; HSI: All; Year: All.

Major Field Report 2023—Between-Institution Results Northern Michigan University Time Spent in Selected Activities

Understanding how students allocate time among academic work, employment, and other activities and commitments offers insight into both student support needs and programmatic differences in expectations and requirements. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Select a major group: All Majors
Displaying: **All Majors**

Define Groups

Start

Senior

Senior

	NMU	Comparison Group
Estimated hrs.: Preparing for class	15.0	15.8
Estimated hrs.: Co-curricular activities	5.0	5.0
Estimated hrs.: Total working for pay	16.8	15.5
Estimated hrs.: Community service	2.4	2.9
Estimated hrs.: Relaxing and socializing	12.2	11.2
Estimated hrs.: Caring for dependents	1.8	5.4
Estimated hrs.: Commuting	4.0	4.8

Respondent Counts by Major

NMU Majors

1. Arts, fine and applied	12
4. English (language and lite..	6
5. French (language and liter..	2
6. Spanish (language and lit..	2
7. Other language and litera..	1
8. History	1
11. Philosophy	2
15. Other humanities	1
16. Biology (general)	21
18. Biochemistry or biophysiol..	10
20. Botany	5
22. Environmental science/s..	16
24. Microbiology or bacterio..	1
25. Natural resources and co..	6
27. Neuroscience	8
28. Physiological and develop..	

Comparison Group Majors

1. Arts, fine and applied	4,647
2. Architecture	1,150
3. Art history	465
4. English (language and..	4,270
5. French (language and ..	502
6. Spanish (language an..	1,242
7. Other language and lit..	1,255
8. History	3,208
9. Humanities (general)	264
10. Music	1,616
11. Philosophy	1,081
12. Religion	502
13. Theater or drama	1,273
14. Other fine and perfo..	1,570
15. Other humanities	808
16. Biology (general)	

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Comp. group filters: Carnegie class.All; Control: All; Size: All; Region/Canada: All; HBCU: All; HSI: All; Year: All.

On the left is a long table of all individual item frequencies on NSSE, grouped by topic areas such as Engagement Indicators, High-Impact Practices, Sense of Belonging, etc. In the middle section are the scales scores for Engagement Indicators, Sense of Belonging, and Perceived Gains. The right side lists the selected majors for your institution and the comparison group. Keep in mind that results require a sufficient number of respondents per group to produce a reliable estimate.

Select a major group: All Majors Displaying: All Majors Define Groups Start

Senior Senior Comparison Comparison

All Item Frequencies	None	Some	Most	Total	NMU	Group	All Scales		Mean	Group	Respondent Counts by Major		
							Higher-Order Learning	Reflective & Integrative Learning			Quantitative Reasoning	Learning Strategies	Collaborative Learning
Participate in a service-learning course	None	46%	41%	100%	40.6	40.7	60	0	60	40.6	40.7	1. Arts, fine and applied	12
Participate in a learning community	None	27%	23%	100%	40.1	39.1	60	0	60	40.1	39.1	2. Architecture	1,150
Participate in undergraduate research	None	27%	24%	100%	29.2	30.6	60	0	60	29.2	30.6	3. Art history	4,270
Participate in internship, field exp., etc.	None	50%	15%	100%	36.8	38.8	60	0	60	36.8	38.8	4. English (language and lit.)	6
Participate in a study abroad program	None	3%	9%	100%	32.5	31.2	60	0	60	32.5	31.2	5. French (language and lit.)	2
Complete a capstone project	None	42%	45%	100%	33.7	38.9	60	0	60	33.7	38.9	6. Spanish (language and lit.)	1
Applying facts... to new situations	Very little	2%	3%	100%	36.7	39.0	60	0	60	36.7	39.0	7. Other language and lit.	2
Analyzing an idea... examining its parts	Very little	3%	3%	100%	26.2	23.5	60	0	60	26.2	23.5	8. History	2
Evaluating a point of view, etc.	Very little	7%	5%	100%	40.7	39.7	60	0	60	40.7	39.7	9. Humanities (general)	1,150
Forming a new idea, etc.	Very little	5%	4%	100%	41.6	42.7	60	0	60	41.6	42.7	10. Music	264
Combined ideas from different courses	Never	5%	4%	100%	30.0	31.5	60	0	60	30.0	31.5	11. Philosophy	1,616
Connected learning to societal issues	Never	5%	6%	100%	39.7	40.4	60	0	60	39.7	40.4	12. Religion	502
Included diverse ideas in coursework	Never	11%	11%	100%	36.7	39.0	60	0	60	36.7	39.0	13. Theater or drama	1,570
Examined strength/weakness of your views	Sometimes	30%	27%	100%	36.7	39.0	60	0	60	36.7	39.0	14. Other fine and perfor.	808
Tried to understand another's views	Sometimes	22%	23%	100%	36.7	39.0	60	0	60	36.7	39.0	15. Other humanities	10,073
Changed understanding of an issue	Sometimes	27%	25%	100%	36.7	39.0	60	0	60	36.7	39.0	16. Biology (general)	712
Connected ideas to prior experiences	Sometimes	13%	14%	100%	36.7	39.0	60	0	60	36.7	39.0	17. Agriculture	2,214
Analyzed numerical information	Never	13%	11%	100%	36.7	39.0	60	0	60	36.7	39.0	18. Biochemistry or biop.	1,412
Used numeric info on real-world issue	Never	23%	17%	100%	36.7	39.0	60	0	60	36.7	39.0	19. Biomedical science	116
Evaluated conclusions from numeric info	Never	17%	16%	100%	36.7	39.0	60	0	60	36.7	39.0	20. Botany	810
Identified key information in readings	Never	5%	3%	100%	36.7	39.0	60	0	60	36.7	39.0	21. Cell and molecular bi.	1,882
Reviewed notes after class	Sometimes	8%	7%	100%	36.7	39.0	60	0	60	36.7	39.0	22. Environmental sci.	442
Summarized course learning	Sometimes	6%	6%	100%	36.7	39.0	60	0	60	36.7	39.0		
Asked another student for help	Sometimes	11%	16%	100%	36.7	39.0	60	0	60	36.7	39.0		
Explained course materials to students	Sometimes	4%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Prepared for exams with other students	Sometimes	25%	23%	100%	36.7	39.0	60	0	60	36.7	39.0		
Worked with other students on coursework	Sometimes	4%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussion w/people-diff. race/ethnicity	Sometimes	12%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussion w/people-diff. relig. beliefs	Sometimes	6%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussion w/people-diff. polit. views	Sometimes	8%	8%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussion w/people-diff. sexual orientations	Sometimes	7%	9%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussion w/people-diff. countries	Sometimes	14%	27%	100%	36.7	39.0	60	0	60	36.7	39.0		
Talked about career plans with faculty	Sometimes	15%	19%	100%	36.7	39.0	60	0	60	36.7	39.0		
Worked with faculty on other activities	Sometimes	34%	43%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussed ideas w/faculty out of class	Sometimes	23%	29%	100%	36.7	39.0	60	0	60	36.7	39.0		
Discussed academic performance w/faculty	Sometimes	21%	26%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors clearly explained goals	Very little	1%	2%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors taught in organized way	Very little	3%	4%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors used examples/illustrations	Very little	15%	20%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - feedback on drafts	Very little	11%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - feedback on completed work	Very little	26%	29%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - criteria for completing assignments	Very little	21%	21%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - reviewed key ideas	Very little	21%	21%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - taught how you prefer to learn	Very little	3%	3%	100%	36.7	39.0	60	0	60	36.7	39.0		
Instructors - enabled you to demonstrate learning	Very little	4%	3%	100%	36.7	39.0	60	0	60	36.7	39.0		
Quality of interactions: Students	Poor	1%	1%	100%	36.7	39.0	60	0	60	36.7	39.0		
Quality of interactions: Faculty	Poor	1%	2%	100%	36.7	39.0	60	0	60	36.7	39.0		
Quality of interactions: Stud. services	Poor	5%	4%	100%	36.7	39.0	60	0	60	36.7	39.0		
Quality of interactions: Other admin.	Poor	6%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on support for academic success	Very little	7%	6%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on learning support services	Very little	10%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on diverse interactions	Very little	21%	15%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on social opportunities	Very little	4%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on overall well-being	Very little	18%	12%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on helping non-academic needs	Very little	41%	34%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on attending campus activities	Very little	6%	16%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on social or political events	Very little	23%	23%	100%	36.7	39.0	60	0	60	36.7	39.0		
Courses challenged to do best work	Very much	25%	27%	100%	36.7	39.0	60	0	60	36.7	39.0		
Emphasis on studying and academics	Very little	2%	2%	100%	36.7	39.0	60	0	60	36.7	39.0		
Of time preparing for class, how much on ASSIGNED READING?	Most	17%	20%	100%	36.7	39.0	60	0	60	36.7	39.0		
No. written papers or reports: Up to 5 pages	None	34%	23%	100%	36.7	39.0	60	0	60	36.7	39.0		
No. written papers or reports: 6-10 pages	None	34%	23%	100%	36.7	39.0	60	0	60	36.7	39.0		
No. written papers or reports: 11 pages or more	None	34%	23%	100%	36.7	39.0	60	0	60	36.7	39.0		
Preparing for class (hrs/wk)	0 hr/wk	10%	11%	100%	36.7	39.0	60	0	60	36.7	39.0		
Participating in co-curricular activities (hrs/wk)	0 hr/wk	38%	44%	100%	36.7	39.0	60	0	60	36.7	39.0		
Working for pay ON CAMPUS (hrs/wk)	0 hr/wk	5%	7%	100%	36.7	39.0	60	0	60	36.7	39.0		
Working for pay OFF CAMPUS (hrs/wk)	0 hr/wk	47%	40%	100%	36.7	39.0	60	0	60	36.7	39.0		
Doing community service, volunteer work (hrs/wk)	0 hr/wk	58%	56%	100%	36.7	39.0	60	0	60	36.7	39.0		
Relaxing and socializing (hrs/wk)	0 hr/wk	1%	3%	100%	36.7	39.0	60	0	60	36.7	39.0		
Providing care for dependents (hrs/wk)	0 hr/wk	8%	6%	100%	36.7	39.0	60	0	60	36.7	39.0		
Comfortable being myself at institution	Strongly disagree	3%	3%	100%	36.7	39.0	60	0	60	36.7	39.0		
Valued by institution	Strongly disagree	9%	7%	100%	36.7	39.0	60	0	60	36.7	39.0		
Part of community at institution	Strongly disagree	5%	6%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Writing effectively	Very little	8%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Speaking effectively	Very little	9%	7%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Thinking critically	Very little	1%	2%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Analyzing num. info	Very little	11%	9%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Acquiring job skills	Very little	23%	24%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Working w/others	Very little	5%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Develop. values/ethics	Very little	12%	10%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Understanding diversity	Very little	32%	25%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Solving complex probs.	Very little	31%	26%	100%	36.7	39.0	60	0	60	36.7	39.0		
Perceived gains: Being informed citizen	Very little	33%	29%	100%	36.7	39.0	60	0	60	36.7	39.0		
Satisfaction: Entire educ. experience	Excellent	29%	36%	100%	36.7	39.0	60	0	60	36.7	39.0		
Satisfaction: Attend same institution	Definitely no	3%	5%	100%	36.7	39.0	60	0	60	36.7	39.0		
Intention to return	Not sure	47%	42%	100%	36.7	39.0	60	0	60	36.7	39.0		
Asked questions, contributed to course discussions	Sometimes	23%	28%	100%	36.7	39.0	60	0	60	36.7	39.0		
Formal leadership role in a student org. or group	None	37%	34%	100%	36.7	39.0	60	0	60	36.7	39.0		
Coursework emphasized memorizing course material	Very little	7%	8%	100%	36.7	39.0	60	0	60	36.7	39.0		
Given a course presentation	Never	10%	13%	100%	36.7	39.0	60	0	60	36.7	39.0		

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Comp. group filters: