

Underperforming & Gatekeeper Course List

Method

This report is produced using Course warehouse files at the end of term. Bozeman students were excluded, as were null grades. PCE courses (094 and 194) were excluded. Success for this report is defined as an A, B, C, P, or CR grade.

Developmental coursework is excluded from the underperforming course list. The reasoning of the committee was that developmental coursework is being monitored in various other ways - through the Common Ground Initiative, in the Core Indicators, and in other institutional reports. Developmental coursework *is* included in the gatekeeper course list - since this list is primarily interested in coursework that stops students from progression in their respective programs, it was felt appropriate to include these courses here.

Summary

The average success rate for all courses taught at MSU-Great Falls is **75.4%**. The courses listed in the **underperforming course list** are those 10 courses with the lowest average success rates over the last three academic years.

The **gatekeeper course list** includes those courses with substantial enrollments (over 100 students during a single academic year) whose success rates are lower than the institutional average. There are currently 15 courses on this list - the number of courses on the list may change if more or fewer courses meet the criteria specified on the report page.

Some courses appear on both lists - these are course of particular concern, where enrollments are high and success rates are low. For the academic year 2013-2014, these courses are:

<i>ACTG 101</i>	<i>Accounting Procedures I</i>
<i>BGEN 105</i>	<i>Introduction to Business</i>
<i>BIOH 104</i>	<i>Basic Human Biology</i>
<i>BIOH 201</i>	<i>Human Anatomy & Physiology I</i>
<i>CAPP 120</i>	<i>Introduction to Computers</i>
<i>M 121</i>	<i>College Algebra</i>
<i>WRIT 101</i>	<i>College Writing I</i>

In addition, please note that while developmental courses may appear on the gatekeeper course list, developmental courses were *excluded* from the underperforming courses list. Four of these courses (M 065, M 090, M 095, and WRIT 095) would appear on both lists if not for this exclusion.

Comparison to Last Year's List

Of the 10 courses on the original list, seven of those remain on this year's list as well. Of those, **three** have increased their success rates, and the other four have lower rates. These changes range from an **increase of seven** percentage points for **BGEN 105** to a **decrease of four** percentage points for **BIOH 104**.

For More Information

Additional information can be found in:

- Successful Students by Division and Subject
- Successful Students by Course Modality
- Student Success in Developmental Coursework
- Student Success in Developmental Coursework - by Modality
- Student Success in Developmental Coursework - by Course Term
- Withdrawals by Division and Subject
- Student Success by Program

This report is produced by the Office of Institutional Research. Questions on the content or interpretation of this report should be directed to:

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Top 10 Underperforming Courses - AY 13/14 3-Year Average						
Rank	Course	Title	Average 3-Year Success Rate	Average 3-Year AY Enrollment	Last Year's Rank	Inc/Dec Success Rate
1	BIOH 104	Basic Human Biology	57.4%	209	6	↓ -3.5%
2	GEO 101	Introduction to Physical Geology	59.6%	39	5	↓ -0.9%
3	M 121	College Algebra	61.8%	220	8	↓ -1.9%
4	BIOH 201	Human Anatomy & Physiology I	62.0%	196	2	↑ 2.9%
5	BGEN 105	Introduction to Business	64.4%	162	1	↑ 6.7%
6	ACTG 101	Accounting Procedures I	65.3%	111	4	↑ 4.9%
7	WRIT 101	College Writing I	66.0%	529	New	New
8	CAPP 120	Introduction to Computers	67.7%	495	9	↓ -0.5%
9	MUSI 207	World Music	67.8%	41	New	New
10	ARTZ 101	Art Fundamental	68.4%	61	New	New
Great Falls College - All Courses			75.4%			

Notes:

Selection Criteria:

- * Minimum academic year enrollment (averaged over 3 years) of 25
- * Use average of 3-years success rates
- * Excluding 094/194 coursework
- * Excluding developmental coursework
- * Excluding courses no longer being offered

There were a total of 96 courses that met the selection criteria.

Success is defined as a grade of C- or higher

M 111, AHMS 255, and HSTA 255 fell off the list this year.

- * M 111 is no longer being offered
- * Average enrollment for AHMS 255 fell below 25
- * Three-year average success rate in HSTA 255 increased to 71.2%

Gatekeeper Course List - AY 13/14			
3-Year Average			
Course	Title	Average 3-Year Success Rate	Average 3-Year AY Enrollment
M 095	Intermediate Algebra	51.4%	295
M 090	Introductory Algebra	54.7%	517
WRIT 095	Developmental Writing	56.8%	207
BIOH 104	Basic Human Biology/Lab	57.4%	209
M 065	Pre-Algebra	58.4%	324
M 121	College Algebra	61.8%	220
BIOH 201	Human Anatomy & Physiology I	62.0%	196
BGEN 105	Introduction to Business	64.4%	162
ACTG 101	Accounting Procedures I	65.3%	111
WRIT 101	College Writing I	66.0%	529
CAPP 120	Introduction to Computers	67.7%	495
HSTA 255	Montana History	71.4%	140
BIOH 211	Anatomy & Physiology II	72.0%	138
AHMS 105	Health Care Delivery	72.5%	108
AH 140	Pharmacology	73.2%	100
COMM 135	Interpersonal Communication	74.5%	459
PSYX 100	Introduction to Psychology	75.1%	503
Great Falls College - All Courses		75.4%	

Notes:

Selection Criteria:

- * *Minimum academic year enrollment of 100 (averaged over 3 years)*
- * *Use average of 3-years success rates*
- * *Excluding 094/194 coursework*
- * *Including developmental coursework*
- * *Only including courses with success rates < institutional average (see above)*
- * *Excluding courses no longer being offered*

Success is defined as a grade of C- or higher

Historical Course Information

Course	Title	AY 1213			AY 1314			Inc/Dec		
		Underperforming List?	Gatekeeper List?	Avg Success Rank	Avg Success Rate	Underperforming List?	Gatekeeper List?		Avg Success Rank	Avg Success Rate
ACTG 101	Accounting Procedures I	X	X	4	60.4%	X	X	6	65.3%	↑ 4.9%
AH 140	Pharmacology						X	N/A	73.2%	
AHMS 105	Health Care Delivery						X	N/A	72.5%	
AHMS 142	Intro to Medical Terminology	<i>Dropped off list - success rate > institutional average</i>								
AHMS 255	Medical Transcription I	X		7	61.1%	<i>Dropped off list - didn't meet enrollment minimum</i>				
ARTZ 101	Art Fundamentals					X		10	68.4%	
BGEN 105	Introduction to Business	X	X	1	57.7%	X	X	5	64.4%	↑ 6.7%
BIOH 104	Basic Human Biology	X	X	6	60.9%	X	X	1	57.4%	↓ -3.5%
BIOH 201	Human Anatomy & Physiology I	X	X	2	59.1%	X	X	4	62.0%	↑ 2.9%
BIOH 211	Anatomy & Physiology II		X	N/A	70.1%		X	N/A	72.0%	↑ 1.9%
CAPP 120	Introduction to Computers	X	X	9	68.2%	X	X	8	67.7%	↓ -0.5%
COMM 135	Interpersonal Communication		X	N/A	74.6%		X	N/A	74.5%	↓ -0.1%
GEO 101	Introduction to Physical Geology	X		5	60.5%	X		2	59.6%	↓ -0.9%
HSTA 255	Montana History	X	X	10	68.6%		X	N/A	71.4%	↑ 2.8%
M 065	Pre-Algebra		X	N/A	56.2%		X	N/A	58.4%	↑ 2.2%
M 090	Introductory Algebra		X	N/A	54.3%		X	N/A	54.7%	↑ 0.4%
M 095	Intermediate Algebra		X	N/A	51.7%		X	N/A	51.4%	↓ -0.3%
M 111	Technical Mathematics	X		3	60.1%	<i>Dropped off list - not offered in 2013-2014</i>				
M 121	College Algebra	X	X	8	63.7%	X	X	3	61.8%	↓ -1.9%
MUSI 105	Music Theory I	<i>Dropped off list - success rate increased to 74.1%</i>								
MUSI 207	World Music					X		9	67.8%	
NRSG 100	Introduction to Nursing		X	N/A	73.5%	<i>Dropped off list - success rate increased to 76%</i>				
PSYX 100	Introduction to Psychology						X	N/A	75.1%	
WRIT 095	Developmental Writing		X	N/A	61.6%		X	N/A	66.0%	↑ 4.4%
WRIT 101	College Writing I		X	N/A	68.9%	X	X	7	66.0%	↓ -2.9%
WRIT 201	College Writing II	<i>Dropped off list - didn't meet enrollment minimum</i>								

Notes Courses on this list were on one of the two lists during at least one of the two academic years studied.