

UNM's Physical & Interdisciplinary Sciences Bldg, PAÍS

# Progress on Transfer

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# Outline

1. Where is UNM on transfer?
2. What is working well for students?
3. What challenges do transfer students face?
4. How is UNM addressing these challenges?
5. How can the state government help?

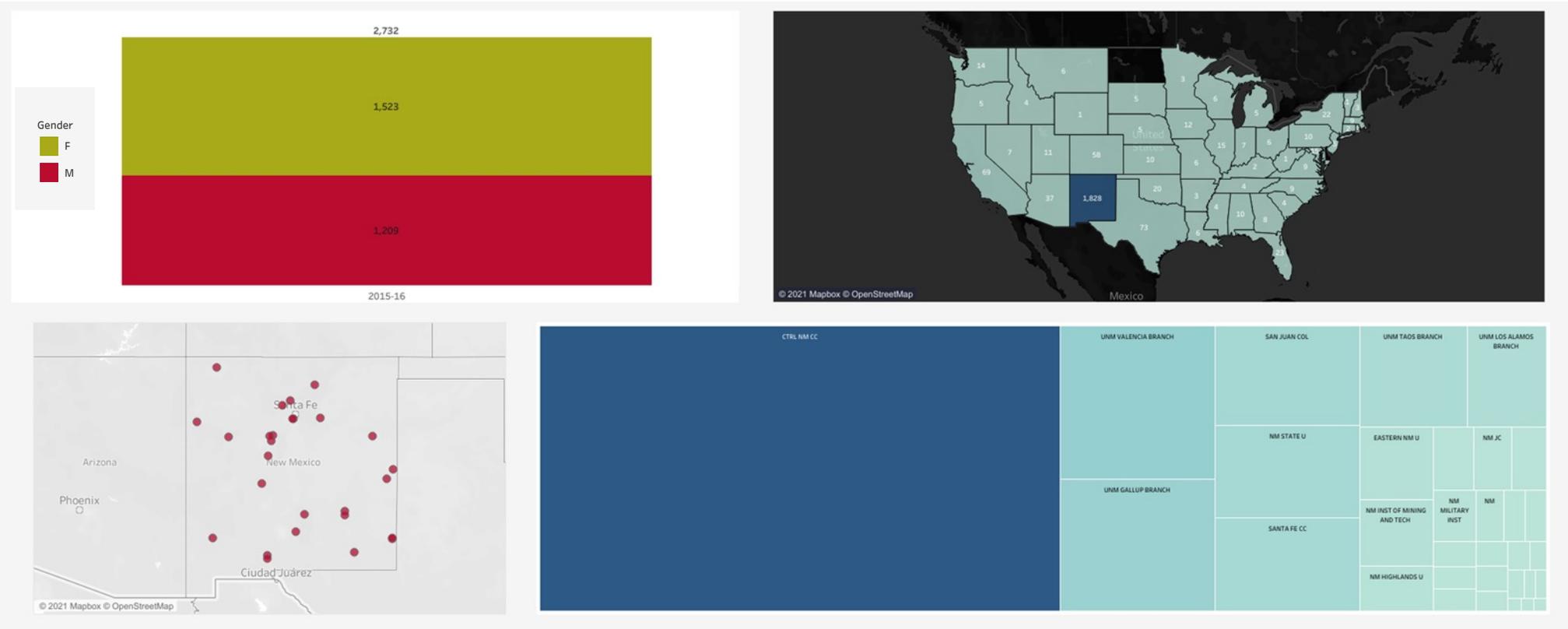


# Where is UNM on transfer?

Basic data to show the shape of the landscape

# Our data is tracked on analytical dashboards

Transfers entering in 2015/2016 – status in 2020/2021



45% of transfer students who started in academic year 15/16 had completed their UNM bachelors degree by 20/21

Note: 83% of all UNM students complete a degree eventually (although not all at UNM)

UNM's largest transfer partners:

- CNM (57%)
- UNM-V (6.2%)
- UNM-G (5.5%)
- Santa Fe CC (5.3%)
- San Juan (4.9%)

[As fraction of NM-Transfers]

# Students enroll in multiple schools simultaneously

From the July 16, 2021 HED Memo on Transfer Data

Table 1. Transfer Report from eDEAR Data by Sector

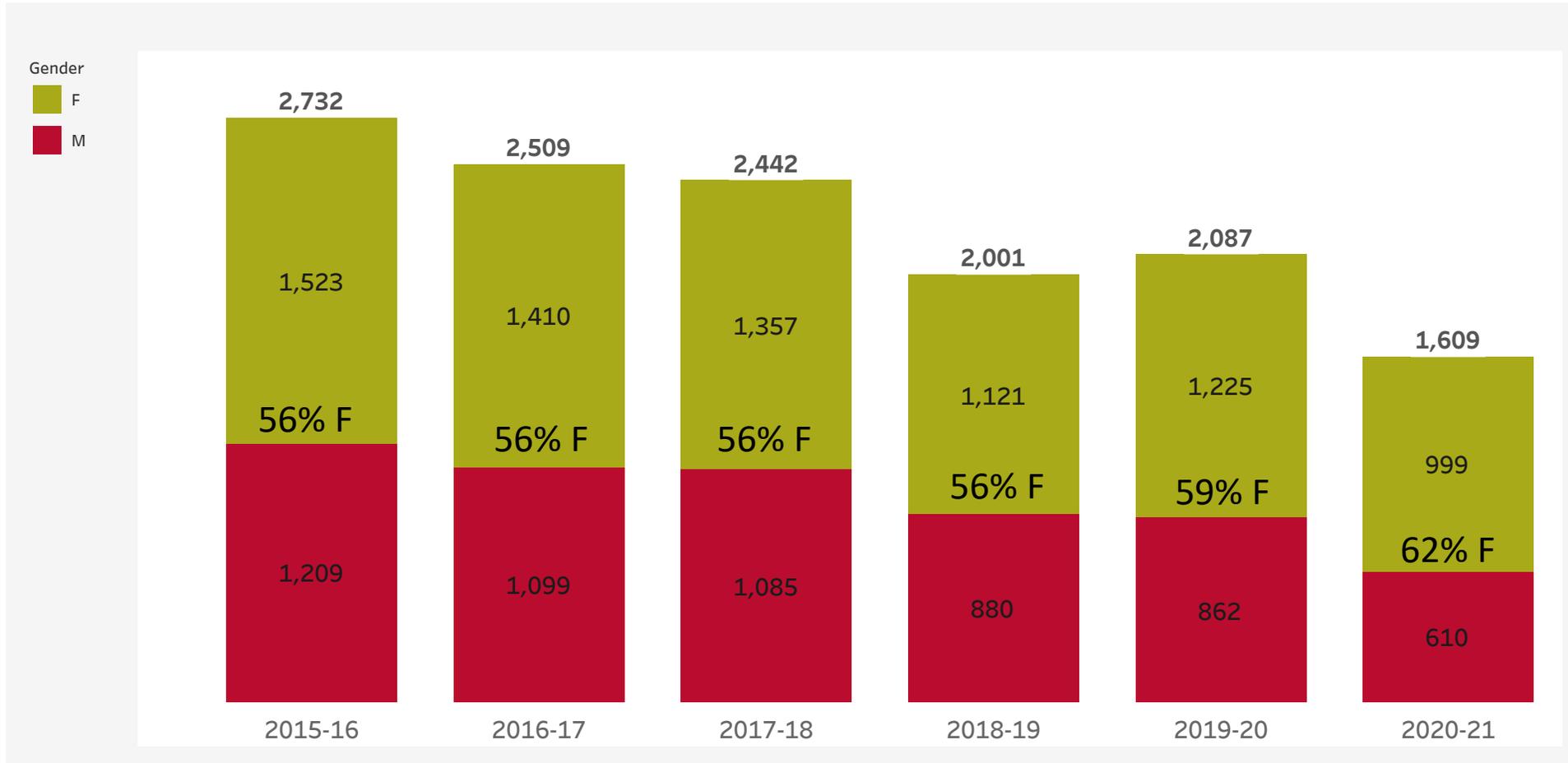
Semester	Sector	Student Status	2020
Fall	Research University	1-NM Transfer	788
Fall	Research University	2-Out-of-State Transfer	713
Fall	Research University	3-Also Enrolled Elsewhere	2,996
Fall	Research University	4-All Other	24,011

Not the full picture of transfer

- The UNM dashboard will tell you that in 2019/2020 UNM enrolled 2079 total new transfers in Fall 2020
- 1312 of these were from New Mexico
- 753 came from CNM alone
- **Many of the “transfer” students enrolled in multiple schools at the same time**
- **Many transfer students also hop between multiple schools at *different* times**

Swirl complicates advising and can pull students off track

# UNM transfer enrollment trends are down

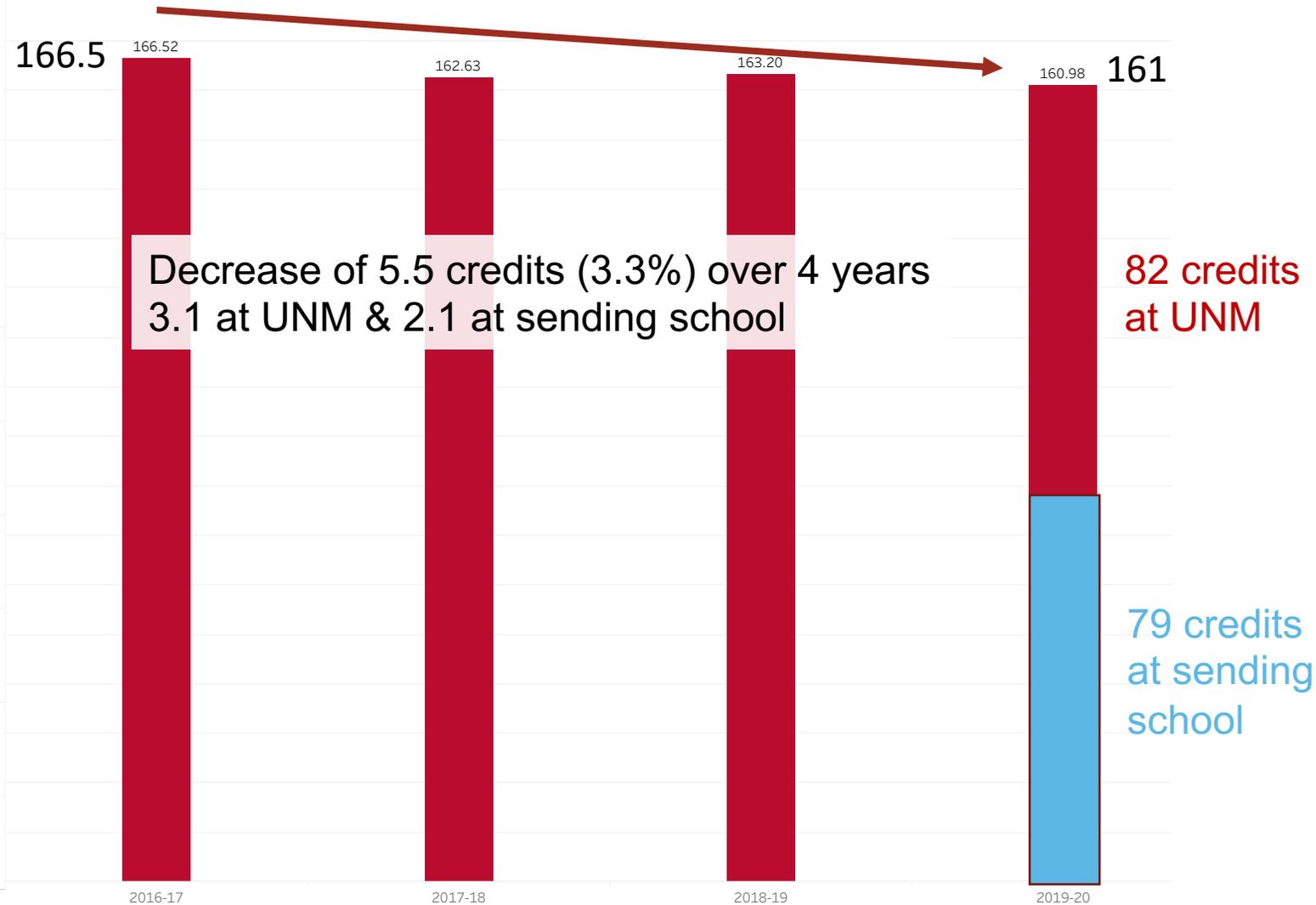


- Downward trend has mirrored state-wide higher ed enrollment trends
- Had seen some increase owing to increased attention on transfer
- COVID had an especially hard impact on CC enrollment and transfer
- Note: Current fall 2021 trends are up, but it's too early to conclude

Note: increasingly female, mirroring national trends

## Total Transfer Student Credit Hours at Graduation has decreased

Average of Total Credits Earned



161 credits for 2019/2020 transfer graduates

Note: First-time/Full-time students graduate with about 150 credits. So difference is about 10 credits extra

Transfer students who take more than half of their general education courses outside UNM have lower cumulative GPAs (3.1) than students who take more than half of their gen ed courses at UNM (3.3).

There is also a difference in the overall graduation rates between these groups (56% vs. 66%, respectively for those finished w/ general education requirements).

# What is working well for students?

# Transfer Equivalencies by the numbers and three lessons...

## In the UNM Transfer System

- 328,665** New Transfer Equivalencies added since 2009
- 619** UNM courses entered into Common Course Numbering
- 475** Specific UNM-CNM equivalencies
- 387** Specific UNM-San Juan Community College equivalencies
- 100%** Transfer of NM Gen Ed, by course/area or by gened complete
- 100%** Acceptance of verified academic credit
- 100%** Alignment with statewide business and nursing matrices
- 58** Updated International Baccalaureate categories w/ equivalents by score
- 37** Updated Advanced Placement exams w/ equivalents by score
- 0** Discrepancy in lower-division academic courses between UNM Albuquerque main campus and UNM branches

*Common course numbering is a helpful platform!*

*HEIs working as partners is productive*

*Shared general education SLOs works well*

# General Education Comparison – UNM, CNM, and SJC

*a comparison of general education courses required for the major*

## BIOLOGY (BA)

### UNM

<b>Communication</b>	ENGL 1120 <sup>1</sup> , COMM 1130, ENGL 2120 or 2210, PHIL 1120
<b>Math</b>	MATH 1430
<b>Physical &amp; Natural Sciences</b>	CHEM 1215 & 1215L
<b>Social &amp; Behavioral Sciences</b>	Any

### CNM<sup>2</sup>

<b>Communication</b>	ENGL 1110 or 1110P and 1120
<b>Math</b>	MATH 1430
<b>Physical &amp; Natural Sciences</b>	CHEM 1215 & 1215L
<b>Social &amp; Behavioral Sciences</b>	Any

### San Juan College

<b>Communication</b>	ENGL 1110 G and 1120 G
<b>Math</b>	MATH 1240 G or Higher Level Math
<b>Laboratory Sciences</b>	CHEM 1215 G/1215L G and BIOL 2110G/2110L G
<b>Social/Behavioral Sciences</b>	Any

*Common course numbering is a helpful platform!*

*Shared general education SLOs works well*

# UNM is working on articulation agreements

## UNM and CNM – in place

- Nursing
- Teacher Education
- Community and Regional Planning
- Humanities Now (supported by a major grant from the Mellon Foundation)
- Innovation Academy
- Construction Management

*Continuing to build on UNM Provost Holloway & CNM VP Gunthorpe's agreement to increase transfer thru establishment of transfer working group for UNM and CNM*

*HEIs working as partners is productive*

## UNM and SFCC – in progress or planned

- Film and Digital Media
- Early Childhood Education
- Biology
- *Business*
- *Health Sciences (specific area yet to be defined)*



# Advising Transfer Summits



UNM hires Transfer & Articulation Specialist, July 2021 as part of UNM-CNM effort to increase transfer

*HEIs working as partners is productive*

- UNM branch advisors participate in main (Albuquerque) campus development, training, and systems
- UNM & Santa Fe Community College Advisor Summit: November 15, 2019
- UNM invited HEI colleagues to Advisor Institute: October 1, 2020 & September 29/30, 2021
- UNM & CNM Advisor Connection: February 25 and June 24, 2021

# Progress is being made on transfer



- Between 2015-16 and 2018-19, time-to-degree at UNM-Main (Albuquerque) for transfer students decreased by over one full year (from 3.6 years to 2.5 years).
- The number of transfer students who graduated from the College of Nursing increased by 142% (76 in 2016-17 compared to 184 in 2019-20).
- Both the School of Architecture & Planning and the College of Fine Arts markedly decreased the average number of credit hours earned at graduation (-11.1% and -10.4%, respectively). These decreases represent a savings of one full-time semester for an average student.

Several of our nationally funded grants are contributing to transfer success

The Student Experience Project, a grant under the APLU umbrella, demonstrates that academic outcomes for transfer students were better in UNM classes taught by faculty using growth mindset and belonging techniques in Fall 2020 than in classes without these techniques. *This indicates that we can broaden use of these techniques for overall improvement in academic outcomes for transfer students.*

Other grants funded by Mellon (Humanities Now, with CNM) and NSF (Ecure and STEM success)

# What challenges do transfer students face?

## How is UNM addressing these challenges?

- Student financial and basic needs hardships\*
- Navigating new environments and lack of sense of belonging\*
- Articulation issues
- Many B.A./B.S. courses and course sequences defined by professional accreditation and national education standards

\*These were measured:

- Student experience project (2019)
- Basic needs report (2020)

# Student financial and basic needs hardships

UNM Support

- New UNM Branch, CNM and general community college transfer scholarship of \$2,000/yr for up to two years:
  - Eliminated FAFSA requirement and expanded pool of funds
  - 540 awarded for Fall 2021 compared to 92 for Fall 2020
- Financial Aid officer assistance and FAFSA assistance
- Dean of Students' Center for Financial Capability (CFC)
- Lobo Food Pantry expansion in September

# Navigating new environments

UNM Support

- Access to UNM advisors prior to admission and enrollment
- Centralization of information and navigation tools for degree programs, student resource centers, student support, and transfer orientations:  
[degrees.unm.edu](https://degrees.unm.edu), [students.unm.edu](https://students.unm.edu), [gened.unm.edu](https://gened.unm.edu), "student guide," College Scheduler
- Faculty Development on transfer inclusive classrooms
- Relationships between "sending" schools and UNM for warmer hand-offs: Advising Summits and special CNM-UNM Provosts' Initiative

# Articulation issues

UNM Support

- Admissions articulation team
- Dedicated transfer/articulation managers in Education and in Arts & Sciences
- Advisors trained to support and understand transfer
- Hire of new Academic Affairs Transfer and Articulation Specialist
- CNM-UNM Provosts' Initiative on Transfer

# Accreditation and sequencing issues

UNM Support

- Curricula in programs like nursing & engineering defined by external accreditors
- UNM cannot change specific course requirements, but advisors work to identify transfer courses that can meet requirements
- UNM lists these requirements in its degree programs ([degrees.unm.edu](https://degrees.unm.edu))
- Advising relationships between HEIs help with information sharing and preparing transfer students with the right information.

# Actual Transfer Credit to UNM

*a comparison of major required courses required for UNM major and courses taken by a transfer student*

## BIOLOGY (BA)

Fall 2021 UNM Transfer Student from CNM Total Hours 93	
<b>Math</b>	MATH 105 <sup>1</sup> , 1220 <sup>1</sup>
<b>Physical &amp; Natural Sciences</b>	BIOL 123/124L <sup>2</sup> , 237, 238, 239L <sup>2</sup> , 247L, 248L <sup>2</sup> , CHEM 111 <sup>2</sup>
<b>Courses that indicate change in majors</b>	NA 1020 <sup>4</sup> , 1093, HIT 1020, HLTH 1001 <sup>4</sup> , PSY 231, 250 <sup>4</sup>

Spring 2021 Graduate, UNM Transfer Student from CNM & SIPI	
<b>113 Credit Hours Transferred (not including 14 vocational courses)/Total Hours 186</b>	
<b>Math</b>	MATH 120 <sup>1</sup> , 121 <sup>1</sup> , 123 <sup>1</sup> , 1250 <sup>1</sup> , 180 & 181, STAT 145 <sup>2</sup>
<b>Physical &amp; Natural Sciences</b>	BIOL 110/112L <sup>2</sup> , BIOL 203/203L <sup>3</sup> , 204/204L <sup>3</sup> , BIOL 201L, 202L, CHEM 121, 122, 123L, 124L, 301, 1240G/1240L, PHYC 151L, PHYC 152L, PHYC102 <sup>2</sup>

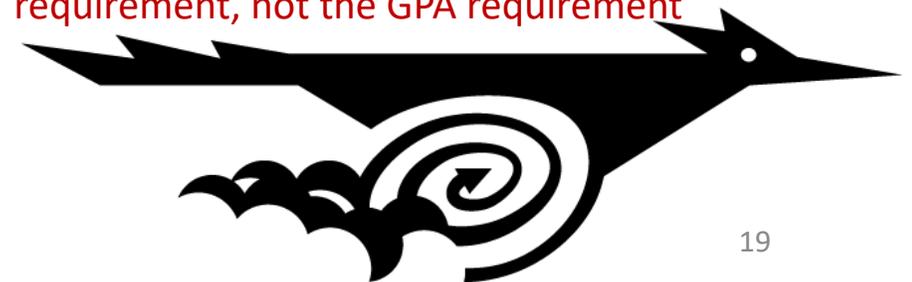
# How can the state government help?

# Help with student financial challenges

- Additional support for State work study
- Explore why students lose Lottery Scholarship and consider modifications to the program to address these
  - Example: Greater latitude towards the 15 credit hour requirement
    - Completing a program in 120 credits over 8 terms requires that the stars perfectly align – nothing can go wrong
    - Transfer students especially are financially challenged and tend to have fewer support systems at home
    - A single illness, sick parent, lost job, or other roadblock can easily result in withdrawing from a course, falling below 15 credits, losing a term, losing the Lottery, and delay or loss from the system (these might be mitigating circumstances, but many students never appeal)
    - The need to drop a single course for performance reasons can result in the loss of the Lottery (this is not considered a “mitigating circumstance” in the code)

Only 43% UNM NM resident students were on Lottery in Spring 2021

The majority lost Lottery eligibility on the hours requirement, not the GPA requirement



# Facilitate HEI's to work together

- Sponsor a state-wide conference on high engagement teaching and learning practices that leads to transfer student completion
  - Individually in our universities, faculty and advisors have developed ways to help students move on and succeed.
  - Much of this work is supported by various national grants (Mellon, NSF, APLU, etc.) and is discipline based
  - A series of conferences (STEM, Humanities, Health Fields, etc.) around effective methods to improve student achievement would let us learn from each other
  - This would also build familiarity with curriculum, courses, teaching approaches, and student challenges across HEIs, improving potential for articulation
- Sponsor state-wide summit for support services and student affairs professionals
  - Tutoring centers, culturally based support centers, etc., need to learn from each other
  - Staff in these centers need to meet and know each other to provide warm hand-offs with trust in the receiving institution
  - UNM has offered an advising institute, but this could be expanded
- Show pride in the specialized accreditation and distinctive programs of different HEIs

# Thank you

Additional slides follow

# Biology Transfer Courses

a comparison based on student major

## Courses that Transfer but *do not* apply toward Biology Degree

BIOL 1110/1110L General Biology

BIOL 1120/1120L Human Biology

BIOL 1130/1130L Intro to Anatomy & Physiology

BIOL 1140/1140L Biology for Health Sciences

BIOL 203/203L Ecology & Evolution

BIOL 204/204L Plant & Animal Form &  
Function

BIOL 2305 Microbiology for Health Science

## Courses that Transfer and *do* apply to Gen Ed For Non-STEM Degrees

BIOL 1110/1110L General Biology

BIOL 1120/1120L Human Biology

BIOL 1140/1140L Biology for Health Sciences

### Note: Health Science Majors accept

BIOL 2210/2210L Human Anatomy & Physiology I \*

BIOL 2225/2225L Human Anatomy & Physiology II \*

BIOL 2305 Microbiology for Health Science

\*accepted as electives for biology  
major

# General Education Comparison – UNM, CNM and SJC

*a comparison of general education courses required for the major*

## ENGLISH (AA Liberal Arts)

### UNM

<b>Communication</b>	ENGL 1120 <sup>1</sup> and COMM 1130 or ENGL 2120 or 2210 or PHIL 1120
<b>Math</b>	Math <sup>2</sup> 1130, 1220, 1300, or 1350
<b>Physical &amp; Natural Sciences</b>	Any
<b>Social &amp; Behavioral Sciences</b>	Any

### CNM

<b>Communication</b>	ENGL 1110 and 1120 and COMM 1130 or 2120
<b>Math</b>	Any
<b>Physical &amp; Natural Sciences</b>	Any
<b>Social &amp; Behavioral Sciences</b>	Any

### San Juan College

<b>Communication</b>	ENGL 1110 G and 1120 G and COMM 1130 G OR 2120 G OR COMM 2170
<b>Math</b>	MATH 1130 G, 1220 G, 1240 G, 1350 G, 1510 G, OR 2110 G
<b>Laboratory Sciences</b>	Any
<b>Social/Behavioral Sciences</b>	Any

1 - students who are not prepared for ENGL 1120 on entering UNM may take ENGL 1110 and count that toward the flexible general education credits.

2 - Any Gen Ed Math course is accepted. These are recommended.

# General Education Comparison – UNM, CNM and SJC

*a comparison of general education courses required at UNM for the major*

## PSYCHOLOGY (BA)

### UNM

<b>Communication</b>	ENGL 1120 <sup>1</sup> and COMM 1130 or ENGL 2120 or 2210 or PHIL 1120
<b>Math</b>	Math <sup>2</sup> 1130, 1220, 1300, or 1350
<b>Physical &amp; Natural Sciences</b>	Any
<b>Social &amp; Behavioral Sciences</b>	PSYCH 1110

### San Juan College

<b>Communication</b>	ENGL 1110 G and 1120 G and COMM 1130 G and 2120 G
<b>Math</b>	MATH 1130E G, 1220 G, 1240 G, 1250 G, 1350 G, 1510 G, OR 2110 G
<b>Laboratory Sciences</b>	Any
<b>Social/Behavioral Sciences</b>	Any

### CNM

<b>Communication</b>	ENGL 1110 or 1110P, 1120 and COMM 1130, or 2120
<b>Math</b>	Any
<b>Physical &amp; Natural Sciences</b>	Any
<b>Social &amp; Behavioral Sciences</b>	PSYCH 1110

# UNM Transfer Initiatives with CNM and Branches

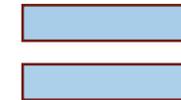


## *Joint Academic Affairs Working Group on CNM-UNM Transfer*

Initiative by the Vice Presidents for Academic Affairs James Holloway (UNM) Sydney Gunthorpe (CNM).

- ✦ Analyze data
- ✦ identify key transfer pathways
- ✦ Address needs of transfer population
- ✦ Establish 3-Year Transfer goal

scholarships  
curricular pathways  
dedicated advising  
partnerships



**more college  
graduates  
entering  
NM workforce**



## *Internal Transfer from UNM Branches*

- ✦ Analyze data
- ✦ Strengthen advising relationships and shared faculty development
- ✦ Address needs of transfer population

# Resources for transfer students



[Home](#) [Additional Information](#) [Areas of Study](#) [U.S. & Global Diversity Requirement](#)

## General Education Curriculum

General Education empowers students to face a rapidly changing world with the ability to frame questions and solve problems. Complementing the major, gened courses provide a set of strategies: communication, critical thinking, information analysis, quantitative skills, responsibility towards local and global communities. In many gened courses, students address urgent problems directly through undergraduate research, race and social justice analysis, global awareness, community engagement, and innovation. By providing a base of knowledge and flexible tools for thinking, gened courses equip students for success throughout their education and after graduation.

Students can choose ten classes (31 credits numbered at the 1000- and 2000-levels), or at least one three- or four-credit course in each of eight areas of study.

Exploring different gened areas can be a great college strategy to find out what really interests you. Or, if you have a major in mind, your advisor can help you identify some courses to help you prepare for your next steps. Either way, browsing the course descriptions in areas of study will help you find courses that take you to unexpected places.



 COMMUNICATION	 MATHEMATICS AND STATISTICS	 PHYSICAL AND NATURAL SCIENCES	 SOCIAL AND BEHAVIORAL SCIENCES
 HUMANITIES	 SECOND LANGUAGE	 ARTS AND DESIGN	 STUDENT CHOICE

THE UNIVERSITY OF NEW MEXICO Search or jump to...

# Psychology, BS

## College of Arts and Sciences

120 Credit Hours

Majors / Psychology / Degree Plan

Plan
Grid
Graph

Download

Term 1	15 Credit Hours
PSYC 1110 - Introduction to Psychology	Minimum Grade: C    Credit Hours: 3
ENGL 1110 - Composition I	Minimum Grade: C    Credit Hours: 3
MATH 1220 OR MATH 1130 OR MATH 1350	Minimum Grade: C    Credit Hours: 3
Area 7: Arts & Design	Minimum Grade: C    Credit Hours: 3
First-Year Learning Communities	Minimum Grade: D-    Credit Hours: 3

degrees.unm.edu: students and advisors can search by major or key word to see requirements

UNM Advisors create records for potential transfer students and provide tracked and consistent advising and can direct students to [gened.unm.edu](http://gened.unm.edu) and [degrees.unm.edu](http://degrees.unm.edu)

# Myth and Reality on Transfer to UNM

*MYTH: UNM does not transfer all academic credit*

**REALITY:** UNM accepts validated academic credit from accredited HEIs; however, not all lower-division academic credit can be applied toward completion of requirements for a UNM major. UNM is providing curriculum maps and advising to help students understand the best path to graduation.

*MYTH: UNM does not participate equally in Common Course Numbering.*

**REALITY:** UNM has renumbered all of its lower division courses (except engineering– which has not yet been implemented by HED). Like all HEIs, UNM has some common course numbered courses that are currently only offered in the UNM system. In these cases, the student learning outcomes for ostensibly similar courses are, in fact, quite different. For example, UNM’s “Small Sculpture” has very different SLOs than “Jewelry-making and metal-work”; these are not the same course.

*MYTH: UNM does not accept NM General Education credits and/or does not accept them in the content areas in which the student took them originally.*

**REALITY:** UNM accepts all NM General Education credits in the content areas in which the student took them originally or in the area that best works to the student’s advantage. UNM accepts completed NM General Education as a package from transfer institutions and does not require students to complete any additional general education credits if a student is “gen ed complete.”

*MYTH: UNM Biology refuses to articulate smoothly with Associates-granting institutions*

**REALITY:** UNM Biology worked for many years on shared SLOs and learning goals for 200-level courses suitable for counting toward the Biology B.S. When Associates-granting institutions indicated that these SLOs and learning goals were too advanced for their 200-level offerings, UNM Biology applied the advanced SLOs and learning goals to 300-level courses so that appropriate articulation toward completion of the B.S. would be clear to students.

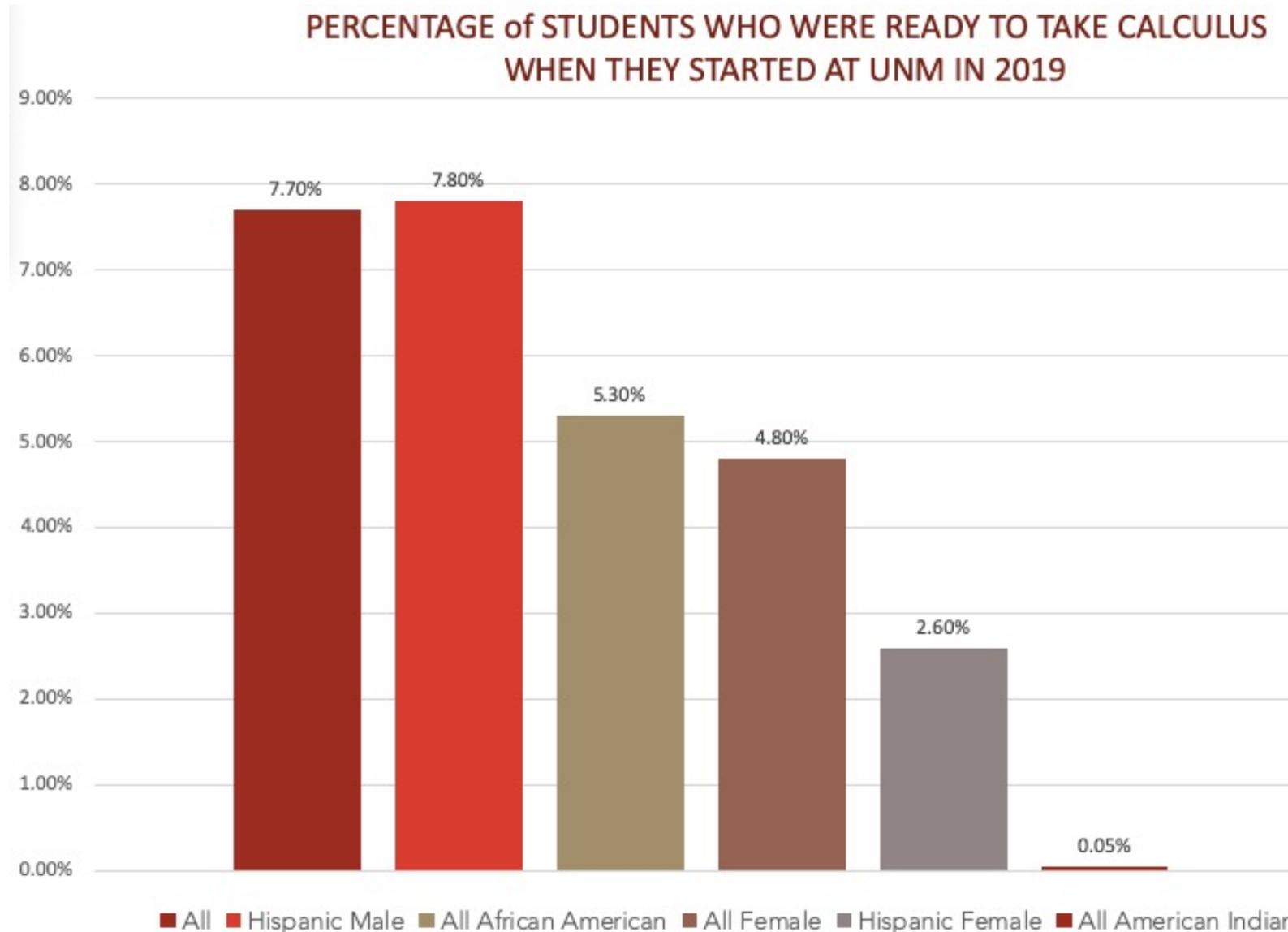
*MYTH: UNM does not accept Calculus or other math for credit*

**REALITY:** UNM accepts and transfers Calculus I, II, and III from other HEIs; UNM’s sequence for teaching concepts in Calculus is different than the sequence at other HEIs and so UNM had different numbers for Calculus to make this clear to students. Pre-college-level math cannot fulfill general education requirements.

*MYTH: UNM does not provide orientation or advising to transfer students*

**REALITY:** UNM offers a special new student orientation to transfer students in preparation for Fall and Spring semesters. UNM trains advisors to work with transfer students.

# Calculus Readiness on Starting at UNM



Which First-Year Students were ready to start in Calculus I on entering UNM:

- 7.7% All
- 7.8% Hispanic Men
- 5.3% African-American
- 4.8% Women
- 2.6% Hispanic Women
- .05% American Indian