

Mission *New Mexico Highlands University is a public comprehensive university serving our local and global communities. Our mission is to provide opportunities for undergraduate and graduate students to attain an exceptional education by fostering creativity, critical thinking and research in the liberal arts, sciences, and professions within a diverse community.*

Vision *Our vision is to be a premier comprehensive university transforming lives and communities now and for generations to come.*

Department/Program:

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Strategic Goals for 2021 Planning for FY18-FY21	Unit Goals	Unit Actions/Strategies	Measurable Outcome(s)/	Person(s) Responsible	Indicators and Time Frame for Assessment	Date(s) for Review
<p>1. Highlands University will achieve academic excellence, academic integration and student success.</p>	<p>1. Increase student STEM success rate in Math 120 and Math 140 2. Develop new Mathematics of Data Science Major 3. Enhance employability of students 4. Increase student retention 5. Increase student competency</p>	<p>1. Investigate alternative pedagogy for Math 120 and Math 140 at other institutions 2. Introduce liberal arts math course Math 141 to satisfy core requirement 3. Create accelerated Math 120 and Math 140 course for engineering and STEM students 4. Develop new courses and curriculum for new Mathematics of Data Science Major 5. Competency Assessments 6. Track employment of graduates in new program within 6 months 7. Recruit a viable cohort of new students for new major 8. Enhance and promote faculty development opportunities 9. Appoint a Developmental Math Coordinator to oversee</p>	<p>1. Pre/post testing 2. Track time for both STEM and non-STEM students to graduate 3. Student satisfaction scores 4. Insure 80% or more of students will earn A or B in developmental math courses</p>	<p>1. Math Coordinator 2. 3.</p>	<p>1. New major to begin Fall 2021 2. New liberal arts core course Math 141 to begin Fall 2021 3. New pedagogic models and paradigm for Math 120 and Math 140 to begin Fall 2021 AY 2021</p>	<p>1. AY 2021 2. 3.</p>

		and manages developmental math and new paradigm directions				
2. Highlands University will achieve strategic enrollment management.	<ol style="list-style-type: none"> 1. Recruit students for new major 2. Increase retention of students 3. 	<ol style="list-style-type: none"> 1. Visit community colleges and other institutions to recruit 2. Take intervention measures to address attrition 3. 	<ol style="list-style-type: none"> 1. Increase retention rate 2. 3. 	<ol style="list-style-type: none"> 1. Math Coordinator 2. Department Chair 3. 	<ol style="list-style-type: none"> 1. Fall 2021 2. 3. 	<ol style="list-style-type: none"> 1. Fall 2022 2. 3.
3. Highlands University will achieve a vibrant campus life.	<ol style="list-style-type: none"> 1. Establish positive presence to university and community 2. 3. 	<ol style="list-style-type: none"> 1. Math Club 2. Math Seminars 3. Guest Speakers 	<ol style="list-style-type: none"> 1. Survey faculty and students for impressions 2. 3. 	<ol style="list-style-type: none"> 1. Math Coordinator 2. Department Chair 3. 	<ol style="list-style-type: none"> 1. Fall 2021 2. 3. 	<ol style="list-style-type: none"> 1. Fall 2022 2. 3.
4. Highlands University will be a community partner.	<ol style="list-style-type: none"> 1. K-12 Outreach 2. Increase Research Labs (Sandia,LANL) presence to engage and sponsor new Data Science major 3. 	<ol style="list-style-type: none"> 1. Create math advisory board 2. 3. 	<ol style="list-style-type: none"> 1. Possible dual enrollment of high school students in NMHU math courses 2. 3. 	<ol style="list-style-type: none"> 1. Math Coordinator 2. Department Chair 3. 	<ol style="list-style-type: none"> 1. Spring 2021 2. 3. 	<ol style="list-style-type: none"> 1. Spring 2022 2. 3.
5. Highlands University will achieve technological advancement and innovation.	<ol style="list-style-type: none"> 1. Impement self-paced learning computer software for developmental courses 2. 3. 	<ol style="list-style-type: none"> 1. Visit institutions where self-paced learning is occurring (with success) 2. 3. 	<ol style="list-style-type: none"> 1. Have this operational and running by Fall 2021 2. 3. 	<ol style="list-style-type: none"> 1. Math Coordinator 2. 3. 	<ol style="list-style-type: none"> 1. Spring 2021 2. 3. 	<ol style="list-style-type: none"> 1. Fall 2021 2. 3.
6. Highlands University will achieve enhanced communication and efficiency.	<ol style="list-style-type: none"> 1. Establish better communication with other departments 	<ol style="list-style-type: none"> 1. Schedule regular meetings with department chairs and other faculty 	<ol style="list-style-type: none"> 1. Document meetings and the feedback we get from meetings 	<ol style="list-style-type: none"> 1. Math Coordinator 2. Department Chair 	<ol style="list-style-type: none"> 1. Fall 2021 2. 3. 	<ol style="list-style-type: none"> 1. Fall 2021 2. 3.

	concerning how math program can better serve this institution 2. 3.	2. 3.	2. 3.	3.		
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