

NMHU Unit Strategic Planning: FY21 Plan Unit name: VP / Dean / Chair / Director / Lead: Date submitted:	OIER Examples
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PLAN - Unit Goals / Objectives											DO - Implement Plan	
Unit	Unit / Department Objective	Purpose of Objective	SP Goal 1	SP Goal 2	SP Goal 3	SP Goal 4	SP Goal 5	Status (New or Ongoing)	Timeframe	Measureable outcomes	Action(s)	Budget implication
Chemistry	Add advanced course in Physical Chemistry and Computational Chemistry	Promote interdisciplinary education	x	x				New	To be developed in 2023	New hire will began Fall 2022	Hire new physical chemist	yes
Chemistry	Increase student awareness of internships, offering in the chemistry program and pre-professional opportunities	Increase students' workforce education	x	x		x		Ongoing	Ongoing	New Materials will be in new display rack	Update information available to students and purchase display furnishings	no
Chemistry	Replacement of Nuclear Magnetic Resonance Spectrometer	Elevate level of teaching of chemistry	x					Ongoing	Year 2023	New NMR	Request in budget, write NSF: Major instrumentation Grant	yes
Chemistry	Develop and implement an advisory board for pre-professional health students	Establish basis for future students employment			x	x		Ongoing	Year 2023	Coordination with other programs on campus	Work across disciplines to develop and implement	no
Chemistry	Add a bachelor of science (BS) with emphasis in biochemistry	Establish basis for future students employment	x				x	Ongoing	Year 2023	Increased enrollment, Degree approved by faculty Senate	Request new faculty line	yes
Chemistry	Further develop and maintain departmental webpage	Increase recognition of chemistry and NMHU chemistry department		x	x		x	Ongoing	Ongoing	Webpage update	Assign to Faculty member	no
Chemistry	Enhance outreach both locally and regionally	Increase recruitment in chemistry, biochemistry and materials science			x	x	x	Ongoing	Ongoing	Visits to high schools	ACS Student club visit high schools	yes
Chemistry	As necessary replace, on a scheduled basis, obsolete equipment and instrumentation, Preventatively maintain existing equipment and instrumentation	Elevate level of teaching of chemistry	x					Ongoing	Ongoing	New instrumentation	Inventory taken and have develop schedule of priorities	yes

STUDY - Assessment			ACT - Improve
Status (Met, Ongoing, Stop)	Outcome(s)	Challenge(s)	Improvement(s)
New	Elevated theoretical and practical students' knowledge	Problems with hiring sufficient candidate	
Ongoing	Increase of number of internships at research universities and national labs.	N/A	
Ongoing	Increase number of research publications.	Very Expensive Instrument c.a. 500k	
Initial success & Ongoing	Increase number of pre-med students in chemistry.	Remote location ofg NMHU	
Ongoing	Increase number of students in chemistry department.	Cost of additional FTE	
Ongoing	Give sufficient information about NMHU chemistry department to future students and community.	Adapting to new web page design	
Ongoing	Increase number of students in chemistry department.	Time	
Ongoing	Be a competitive organization of higher education.	Sufficient funding needed.	