

1. *Preserve & enhance academic distinction*

Build a distinctive, first-choice, comprehensive university that is widely recognized for its high quality academics; strong programs; high caliber students, faculty, and staff; and exceptional and diverse learning experiences.

- 1-1. Establish rigorous standards and assessment measures for quality of teaching and student learning experiences and success. Implement programs to achieve standards and recognize outcomes.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will clearly define what it means to be a high quality, rigorous program by incorporating recommendations based on CUPM and MET standards into our major requirements and goals.	Math and Math Ed programs will be aligned with national curriculum standards	Academic Year 05/06	None	Funds for Math Department Retreat Fall, '05
The Mathematics Department will perform exit interviews with seniors to help evaluate strengths/weaknesses within the program.	Student-centered program evaluation	Fall '05 and ongoing	Students	Increased FTE for supervision of senior project
The Mathematics Department will continue to use authentic assessment methods such as student portfolios where appropriate to replace testing as an evaluative tool.	Assessment methods will reflect a variety of student learning skills	Ongoing		
The Mathematics Department will establish a review of adjunct faculty on an annual basis and provide feedback to maintain/improve the quality of instruction.	Clearly disseminated expectations for adjuncts	Winter '05 – Spring '05		Time

- 1-2. Support public relations efforts that create a positive perception of WOU and its programs and enhance academic distinction and expectations, both internally and externally.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will engage in public outreach activities—at least two per academic year.	Department will have presence in university recruitment activities	Ongoing	Admissions	
The Mathematics Department will establish a relationship with the Public Relations office.	Open communication channels with Public Relations	Academic Year 05/06	Public Relations	
The Mathematics Department will establish and maintain a database of graduates by providing an “Alumni Update” link on its website.	Database of alumni	Academic Year 05/06	Admissions, University Advancement Office	Time
The Mathematics Department will invite alumni back as presenters to the Math Club and as participants in social events.	Student access to internships and expanded awareness of career choices	Ongoing	Alumni	Student club funds

1-3. Review and revise Liberal Arts Core Curriculum in coordination with new directions determined by the strategic planning process.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will actively support any changes to the LACC as a result of strategic planning.	Possible changes might include mathematics as a part of the general or Honors LACC	As applies	WOU faculty	Time

1-4. Reexamine funding priorities and find new avenues of support for academic programs, infrastructure, and scholarships.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

1-5. Establish and support exceptional and diverse living and learning communities and experiences.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will encourage the incorporation of “real-world” applications in its courses.	Student access to relevant mathematics courses	Ongoing		Time
The Mathematics Department will actively promote participation in the Math Club by all students in mathematics courses.	Create community of student scholars	Ongoing	Students	Student club funds
The Mathematics Department will support the Math Club in bringing a variety of speakers to campus.	Increased student awareness of career options	Ongoing	Alumni and local community	Access to Speaker honorarium
The Mathematics Department will continue to meet the needs of diverse populations of students through general mathematics courses, mathematics education courses, and mathematics major courses.	Enhanced strategies to meet the needs of a diverse student body. Increase enrollment and retention of diverse students.	Ongoing	Students	Time

1-6. Encourage and support distinctive and innovative programs and delivery methods which respond to the changing needs of students and society.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will work with other discipline to establish innovative, blended programs which meet the needs of students entering the global marketplace (e.g. Math/Business, Math/Economics).	Increased major options for students	Fall '05 and ongoing	Business and other departments	Time

1-7. Establish and support visiting faculty programs.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

2. Achieve student centeredness

Create a supportive, personalized, and responsive environment that prepares students for continued university, career, and life success.

2-1. Create an environment in which student success is paramount and is a responsibility shared by everyone at WOU.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will support/participate in an annual student-centered celebration (spring term).	Increased sense of community	Ongoing	WOU Community at large.	
The Mathematics Department will continue to emphasize the importance of students actively engaging in scholarly activities both inside and outside the classroom.	Increased appreciation for the discipline; increase marketability of Math Majors	Ongoing	Students	
The Mathematics Department will continue to maintain student collaborative centers co-located with math faculty to facilitate faculty-student interaction outside of the classroom.	Easy access to professor and peer academic collaboration and help	Present and ongoing	Mathematics Majors	Appropriate facilities

- 2-2. Offer and support quality academic programs that are flexible and innovative and are responsive to the needs of a diverse student body and society.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will continue to adapt its course offerings based on advances both in technology as well as pedagogy.	Courses that effectively train students for careers in today's market	Ongoing		Continuing funds for appropriate software programs and access to classroom computer labs.
The Mathematics Department will continue to actively participate in professional societies which focus on pedagogical issues and advances.	Dynamic faculty	Ongoing		Travel funds to professional meetings.

- 2-3. Support learning with a coordinated system of academic and non-academic programs, processes, and resources.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will create a Mathematics Study Lab for the students.	Effective focused academic help for students in mathematics courses.	Academic Year 05/06	Mathematics Majors	Work study funds to staff lab and appropriate facility
The Mathematics Department will continue to provide remedial math courses on WOU campus.	Well-prepared students for college-level math courses	Ongoing	Adjunct Math Faculty	Instructors
The Mathematics Department will participate in the annual Natural Sciences and Mathematics Career Day.	Department will have presence in university recruitment activities	Ongoing	Admissions, Natural Science Faculty	Alumni

2-4. Ensure that student advising is consistent, accurate, timely, personalized, and collaborative.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will develop an advising handbook for math majors and math education majors which will contain sample four-year schedules.	Increased retention and advising of students	Academic Year 05/06	None	Funds for Math Department Retreat Fall, '05
Mathematics Department advisors will continue to meet regularly with their advisees.	Increased retention and advising of students	Ongoing	Central Advising and College of Education.	Time
Mathematics Department advisors will continue to collaborate with the College of Education in evaluating students applying to enter in to the education program.	Increased faculty awareness of student needs	Ongoing	College of Education	Time

2-5. Enrich the learning community with engaging experiences, activities, and environments that contribute to a successful and fulfilled citizenry.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department senior project will continue to provide mathematics majors with a capstone project which allows them to conduct research or explore an area of interest with greater depth.	Increased awareness and appreciation for the process of creating mathematics; increased student preparation for advanced study	Present and ongoing	Students	Increased FTE for supervision of senior project
The Mathematics Department will develop a capstone experience for pre-service secondary teachers that reflect the recommendations of the MET Document.	Deeper understanding of the mathematics content in the secondary school curriculum	To begin in 2005-2006 and then ongoing		

- 2-6. Enhance academic knowledge with practical experiences including mentoring, internships, research, service learning, and independent studies.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will continue to encourage students to participate in internships in actuarial science, finance, and computer technology.	Increased employment opportunities	Ongoing	Oregon businesses	None
The Mathematics Department will continue to encourage outstanding students to participate in summer research programs (REU: Research Experiences for Undergraduates).	Increased student preparation for advanced study	Ongoing	National REU programs	None
The Mathematics Department will involve pre-service secondary teachers in practicum opportunities in Math 211-212-213 series.	Increased experience with active hands-on learning	Academic Year 04/05 and then ongoing		

- 2-7. Implement and support technological applications for personalized and efficient student-centered transactions.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

3. *Acquire and keep diverse & distinguished people*

Increase the recruitment and retention of outstanding and diverse students, faculty, and staff.

3-1. Increase access to and availability of financial support for students.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

3-2. Maintain and enhance support mechanisms for students.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will maintain student collaborative centers which facilitate peer mentoring and networking.	Easy access to professor and peer academic collaboration and help.	Ongoing	Mathematics Majors	Appropriate facilities
The Mathematics Department will continue to administer a math placement test, advise students on the appropriate math course(s) to take based on the math placement test, and enforce the math placement test outcomes.	Students enrolled in appropriate courses	Ongoing	University Computing Services	Testing software
The Mathematics Department will continue to encourage students to apply for scholarships available through professional societies, such as the American Mathematical Society (AMS).	Increased funding for students.	Ongoing	Professional societies.	None

3-3. Advance the means to increase salaries of faculty and staff to competitive levels.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

3-4. Increase flexibility of responsibilities, job assignments, workload, and scheduling.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

3-5. Improve support, recognition, and reward of quality performance.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will recognize exceptional student achievement by nominating students to WOU's chapter of the national Math Honor Society, Pi Mu Epsilon.	Increased student access to scholarship and travel funds	Ongoing	Pi Mu Epsilon Honor Society	

3-6. Develop academic and non-academic programs to promote diversity and meet the needs of all, especially non-traditional and minority students, staff, and faculty.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will continue to offer Math 099 and other remedial courses.	Well-prepared students for college-level math courses	Ongoing	Adjunct Math Faculty	Instructors

3-7. Encourage greater participation in and advancement of programs that facilitate understanding and the exchange of people and ideas in international, multicultural, and cross-cultural arenas.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

4. Focus on meeting cross-unit needs

Provide an efficient and reliable infrastructure that meets physical, human, technological, and financial needs.

4-1. Create an infrastructure that enhances quality of life and encourages social interaction on campus and within the local community.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

4-2. Provide quality facilities to meet the instructional, technological, and communication needs of the campus.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

4-3. Provide efficient services by streamlining systems, communications, and organizational procedures.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department				

4-4. Increase cross-disciplinary and inter-institutional cooperation and collaboration.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will actively seek to participate in cross-disciplinary work with the School of Business and Economics, Teaching Research, and other units on campus.	Increased major options for students	Fall '05 and ongoing	Business, Economics, Teaching Research and other departments	Time

4-5. Develop a systematic and inclusive approach to improving the campus infrastructure.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
Outside the scope of the Mathematics Department.				

5. *Develop and promote a cooperative internal & external environment*

Enhance communication, collaboration and understanding among students, faculty, staff, administration, alumni, and local and global communities

5-1. Utilize market research and campus-wide participation to develop a public relations plan to promote the goals of the university.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will actively support any such effort(s).	Increased enrollment	Ongoing	Campus community	Time, recruitment funds

5-2. Establish collaborative partnerships linking community and professional individuals with related campus units.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will establish and maintain a database of graduates who enter professional fields to form a basis of professional relationships.	Database of alumni	Fall '05 and ongoing	Admissions, University Advancement Office	Time

5-3. Serve as a resource to the surrounding communities, region, and state.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will actively support any such effort(s).	Continuing professional development of local community members	Ongoing	Division of Extended Programs	Time

5-4. Create a working environment that fosters open communication and recognizes both individual and collective contributions.

<i>Activity</i>	<i>Outcomes</i>	<i>Timeline</i>	<i>Partners</i>	<i>Resources</i>
The Mathematics Department will continue to communicate openly and recognize the contributions of individuals and groups of individuals.	Positive work environment	Ongoing	NSM Division Chair, Dean LAS	