

**MEETING AGENDA**  
**DIVISION OF NATURAL SCIENCES AND MATHEMATICS**  
**WESTERN OREGON UNIVERSITY**

*February 7, 2012; NS122 3:30 PM (NOTE Room)*

**I. ROLL CALL /** Steve Taylor, Rahim Kazerouni, Pete Poston, Sharon Price, Hamid Behmard, Cheryl Beaver, Laurie Burton, Jeff Templeton, Erin Baumgartner, Mike Baltzley, Karen Haberman, Kristin Latham, Sarah Boomer, Arlene Courtney, Mike LeMaster, Ava Howard

**I. APPROVAL OF AGENDA** Steve motioned for approval of agenda, Jeff seconded – all approved.

**II. APPROVAL OF DECEMBER MINUTES**

Laurie motioned, it was seconded – all approved

**III. ANNOUNCEMENTS**

a. Annual Reporting Process: Faculty Annual Reports Due to Dept.+Division Chairs June 30, 2012; Dept. Reports Due to Division Chair July 20, 2012; Division Report Due to Dean August 10, 2012

b. WOU Office of Admissions 2011-2012 Recruitment Dates:  
Winter Preview Day II Feb. 11, Spring Preview Day April 28,  
NEW SOAR Dates: June 29, July 13-14, July 28. (Original SOAR date of June 22 changed to June 29)

c. Faculty Development Grants: Travel II and Reassignment April 9, 2012 (note: NEW! online submission process [http://www.wou.edu/provost/faculty\\_development.php](http://www.wou.edu/provost/faculty_development.php))  
As per Hamid, they are still working on Round II Research applications. Note, we may now apply for a total of three awards if one is a reassignment.

d. NSM Division Travel Supplement Deadlines: April 25, 2012 (following last year pattern)

e. Reminder: 2011-12 annual classroom observations of non-tenure track / tenure-track faculty

f. Reminder: Faculty Course Load Equivalents (“contact hours”) – New term-by-term reporting effort to Dean.

g. PURE/Academic Showcase – May 2012 – call for session chairs; 6 peer papers so far.

h. Admissions Data Compared to Last February: Undergrad. Applications +88 (+4.4%), Undergrad. Admits +34 (+2%); grad student applications -9 (-26%); Housing Applications -37 (-5.5%)

Karen asked about the data. (we are up from 2 years ago) We have lost from fall term, retention is down from 2 years ago. Why? Dave McDonald said large percent of new student are on a Pell grant. There is a hypothesis these students may not be college ready. Enrollment is flat – as well as UO. Issue with 1<sup>st</sup> generation students and low income not ready for college? Both chemistry and biology mentioned improved student work from fall to winter. Math mentioned improved student work from fall to winter in calculus.

Of interest, see allfacstaff email about failing and continuing to get financial aid. Seeing some effects of growth and recruiting. It is noticeable and being discussed.

i. Vans spring term – field trips – April and May – 2 van rental for 2 months.

j. Reminder: Chain of Communication: Faculty/Staff - Dept. Chair - Div. Chair -Dean – Provost –President

n. Niki/Office Coordinator announcements – she will give at next meeting. (Niki absent)

**IV. OLD BUSINESS**

a. DeVolder Family Science Center status: 2-story building floor plan; detailed design in process  
2 story building floor plan: detailed design in process, no classrooms, 13 faculty offices, small administration, with a receiving area & copy room. Bathrooms remain the same. Going room by room. Time line: after graduation

construction will begin. Open fall 2013.

Current building, concerns about what it might be used for by others. Get proactive plan to establish foothold on Natural Science building.

b. Revised LAS College Annual Assessment Reporting Forms – to be submitted with annual dept. reports. Recommended to cut and paste previous departmental assessment work. Steve will check on what is precisely required. Perhaps one report per department or one report per department area. Steve will send electronic version spring term. Can we have vague items more defined? Can we have a finished/model completed example one to see from Dean? Assessment data – what has been done to field test the data – asked for by Jeff. #1 – definition of terms of each item. How many per Department? Major and/or Minor?

c. Environmental Chemistry Curriculum Proposal

Arlene – they have gone through curriculum committee and are waiting for senate. Arlene noted that if you are making a program change, the committee would like an indicator of where this goes in the catalog.

d. Provost Online Lab Science Feasibility Inquiry / Division Response

Page 9 is first page of 22 page memo written by Steve with input from biology and chemistry. Sent in December to formally respond to web based lab inquiry. OSU most progressive, Chemeketa pretty aggressive. Sampling reported by Steve. Sent to provost.

e. SPOC Committee – Potential NSM impact items on the horizon: development of 3+1 china exchange

Jan 26 discussion: A) Mark presenting financial state of WOU -1.5 million loss,

Clearing house – subscription \$30,000 each year to belong. Surveyed and analysis efficiencies and best practices – then present it back. Conversation and lots of information to Mark. Task teams in different areas coming. Energy / ITC services – top areas being looked at. Salary savings, business savings, new fees? New marketing? All their information available on line through the slides – see Steve for information.

Main Things: (through provost & dean – just talk . . . things to think about

China exchange 3+1 – students come here 1 year after 3 years there & get WOU degree.

Mathematics and Earth Science – can this be done? Business and Computer Science. Just giving heads up to keep cool head and think about this. They will be wanting ideas on how this can work. Just to get everyone thinking in the coming days.

What programs, development of Applied Baccalaureate degrees – provost talking lots about. Mike on committee Dean has put together. What are they, models out there, what would they look like? More in coming days. Largely a definition – fire safety / administration degree / OHSU nursing program.

1) assoc. degree + skill set – turn it into degree – come here to do a LAS degree

2) just taking upper degree courses – other states have wide use of this. Business would be using this most likely. Other programs to compare – Yale has one in Forestry. Models in Computer Science and Business.

Expansion of online course offerings, discussed by clearing house folks. To convert an in person course to on line – it costs more unless it is a niche market. Must be competitive nationally.

University of Phoenix – marketing budget more than entire budget for University of Alabama.

condensing/streamlining LACC. Discussed in Chronicle of Higher Education – read by Administration

Idea of 2 + 2 ? How does their program work with our? Lots of ideas will be out there. 3+ 2?

Bartalks – to eliminate the lab? – discussed by Dean before Christmas. More in the coming days.

Spock Meetings – no minutes. Ask for a report? Dave McDonald will come to Faculty Senate to discuss.

Nothing specific, no marching orders, just a heads up. Ideas in the coming days.

## V. NEW BUSINESS

a. 2012 Spring NSM Student Awards Honors Night – Faculty Facilitator and Organizer needed?

Sharon is going to be working on this assisted by Laurie

b. UCS Technical Support Services: Proposal for NSM-dedicated technician for two 4-hour blocks per week; no-cost instructional use of WOU videography services. UCS Technical Support Services: Proposal for NSM-dedicated technician for two 4-hour blocks per week; Dave Olson discussed to have dedicated technicians to be in the areas. Steve had a meeting with Bill to offer 2 - 4 hour blocks per week (Adam until a new Brian is hired) we could set up a task list, or for service list coordinated through Steve with Bill. Requests would go through Teresa as usual. Tues and Friday

might be best (early in the week & Friday as a maintenance day since only a few labs) Continuous students coverage will be happening to help. We have the most computers on campus for our division. This will need to be coordinated by Chair. Could the technology committee organize this? We need a task list from each Department person that would be the point of contact to be sure the work is done. Personalized service 2 times a week, not for emergency services that you would call Teresa to get immediate help.

No-cost instructional use of WOU services. Debra arrived last year. Bill offered up for instructional purposes to film something for your web site for Steve to route this for free.

She is under Bill's supervision. Students would need to have a release form most likely.

## **VI. REPORTS**

- a. NSM Budget Update – Niki is keeping track
- b. Faculty Senate – enrollment flat, retention levels high.  
All Faculty email coming soon for feed back on survey  
Math – modify international form to add signature –  
Faculty advisor signature, and chair then to go to Dean
- c. Faculty Development Committee – Mike needs someone to cover meeting for him due to conflicting meeting times.  
Travel Round II – April 9
- d. **AFT/WOU Faculty Union** - Misconduct form handed out. Form to fill out, flow chart of chain of command, changes proposed to standard.
- e. Curriculum Committee (Division and Campus)
- f. PRC Status: files submitted to Dean, letters / recommendations complete.  
Concern of increased work load SIR analysis. Is expectation of analysis ever term for CBA?  
This is between union and provost
- g. Academic Requirements Committee - Foreign Language Proficiency Exam Options  
Provost came to Jan. meeting with handout to get at proficiency exam for International students.  
Currently acknowledge TOEFL exam – committee asked to consider addition 3<sup>rd</sup> English exam: Eiken – most widely used exam in Japan. Comparable to the other 2 and just as widely used in Oregon. Does the Division have any issues with this proposal? Jeff is happy to give copy of comparison for anyone requests it. It was fine with everyone.
- h. Academic Infrastructure Committee
- i. PURE – Showcase in May; call for sessions and abstracts; PURE Journal. Brian has a call out for members of committee.
- j. Complaints: 1<sup>st</sup> floor bio-refrigerator maintenance; Frig isn't being cleaned out, please clean out things as you use it. Please take care of your personal items.

the Steelers should have beat Denver in the playoffs.

## **VII. FINAL COMMENTS AND ADJOURNMENT**

*Niki mia*  
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**WESTERN OREGON UNIVERSITY**

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- i. Vans spring term – field trips – April and May – 2 van rental for 2 months.
- j. Reminder: Chain of Communication: Faculty/Staff - Dept. Chair - Div. Chair - Dean – Provost - President
- n. Niki/Office Coordinator announcements

**IV. OLD BUSINESS**

- a. DeVolder Family Science Center status: 2-story building floor plan; detailed design in process
- b. Revised LAS College Annual Assessment Reporting Forms – to be submitted with annual dept. reports.
- c. Environmental Chemistry Curriculum Proposal
- d. Provost Online Lab Science Feasibility Inquiry / Division Response
- e. SPOC Committee – Potential NSM impact items on the horizon: development of 3+1 china exchange programs, development of Applied Baccalaureate degrees, expansion of online course offerings, condensing/streamlining LACC.

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- b. UCS Technical Support Services: Proposal for NSM-dedicated technician for two 4-hour blocks per week; no-cost instructional use of WOU videography services.

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- b. Faculty Senate
- c. Faculty Development Committee
- d. AFT/WOU Faculty Union
- e. Curriculum Committee (Division and Campus)
- f. PRC Status: files submitted to Dean, letters / recommendations complete.
- g. Academic Requirements Committee - Foreign Language Proficiency Exam Options
- h. Academic Infrastructure Committee
- i. PURE – Showcase in May; call for sessions and abstracts; PURE Journal
- j. Complaints: 1<sup>st</sup> floor bio-refrigerator maintenance; the Steelers should have beat Denver in the playoffs.

**VII. FINAL COMMENTS AND ADJOURNMENT**

*TAYLOR, SIMON, PAUL  
LARRY, PETER  
RATHIN, HANIP  
TEMPLETON, CHENG  
ERIN, BAUTING, ANNE  
HABERMAN, KATHY,  
BOONIN*

*Minimum  
Research  
Post*

*DEAN -  
MODEL  
EXAMPLE  
DEFINITIONS  
OR  
ITEMS*

*HIST LOIS -  
NOO  
PUN LOAN*

*LACC or  
NSM  
MIN*

*Chairman  
NO. PER  
DEPT.*

## DEC. 6, 2011 MEETING MINUTES

### DIVISION OF NATURAL SCIENCES AND MATHEMATICS WESTERN OREGON UNIVERSITY

December 6, 2011; NS122 4:00 PM NOTE: NO DIVISION MEETING IN JANUARY (still on break first Tuesday)

#### I. ROLL CALL / APPROVAL OF AGENDA

In attendance: Sarah Boomer, Mike LeMaster, Kristen Latham, Mike Baltzley, Breean Flesch, Mike Ciancetta, Matthew Nabity, Scott Beaver, Laurie Burton, Jeff Templeton, Rahim Kazerouni, Patty Flatt, Arlene Courtney, Steve Taylor, Niki Winslow.

Agenda was approved as written.

#### II. APPROVAL OF NOVEMBER MINUTES – approved as written.

#### III. ANNOUNCEMENTS

- a. Sabbatical requests / proposals; (OUS “pink form” + CANCEL Supplement; to Div. Chair / Dean by 12/15/11)
- b. Scheduling: Spring 2012 Corrections and Summer 2012 Summer Schedule Due to Niki December 19, 2011; 2012-2013 Academic Year Schedule Due to Niki January 3, 2011
- c. Annual Reporting Process: Faculty Annual Reports Due to Dept.+Division Chairs June 30, 2012; Dept. Reports Due to Division Chair July 20, 2012; Division Report Due to Dean August 10, 2012
- d. WOU Office of Admissions 2011-2012 Recruitment Dates: Winter Preview Day I Jan. 21, Winter Preview Day II Feb. 11, Spring Preview Day April 28, SOAR: June 22, July 13-14, July 28.
- e. Chain of Communication: Faculty/Staff - Dept. Chair - Div. Chair –Dean-Provost –President
- f. Faculty Development Grants: Research Jan. 27, 2012; Travel II and Reassignment April 9, 2012 (note: NEW! online submission process [http://www.wou.edu/provost/faculty\\_development.php](http://www.wou.edu/provost/faculty_development.php)). January requests will be for major research, with spring travel following date.
- g. NSM Division Travel Supplement Deadlines: April 25, 2011 (following last year pattern)
- h. Reminder: 2011-12 annual classroom observations of non-tenure track / tenure-track faculty
- i. Niki / Office Coordinator announcements: the division budget is right on track.

#### IV. OLD BUSINESS

- a. DeVolder Family Science Center status: 3-story building floor plan design in process.
- b. Revised Drafts of LAS College Annual Assessment Reporting Forms: note - in draft form only at this time.

#### V. NEW BUSINESS

- a. Environmental Chemistry Curriculum Proposal – see pages 10-13 of handout, Requires Bi 200 sequence, Probability and Statistics in mathematics. *with 2483 Division members in attendance moved & voted TO APPROVE*
- b. SPOC Committee Process – LACC Lab Science Discussions: “Strategic Planning Operations Committee”. Committee members: Gavin Keulks, Bob \_\_\_\_\_, Tad Shannon.
- c. Provost Online Lab Science Feasibility Inquiry: see handout pgs. 14-22.

#### VI. GUEST VISIT: Dean Scheck – overview of SPOC Committee Process: Dean Scheck spoke to those attending this division meeting regarding SPOC. He said it is a “brain storming” group which is, among other things, discussing the feasibility of dropping 100-level science labs. He mentioned Provost Neely’s message regarding increasing University enrollment or decreasing expenditures. President Weiss feels we need a decrease in spending in the 2013-2015 biennium in the neighborhood of three million dollars. SPOC will affect COE, LAS and other areas that report to the Provost. Some items on their list for discussion: what types of revenues are we talking about, what is the role of science/labs in general education, some schools can navigate without science. There is a proposed on-line discussion, ideas will go to the Provost, he will discuss with individuals. The SPOC is supposed to weed out really bad ideas. There should be opportunities to discuss pros/cons of ideas. They are looking at where we might enhance enrollments, present products. LAS comprises 70-75% of WOU enrollment. They are looking at how to condense enrollments, there won’t be the luxury of under-enrolled courses. We may need to “retool” courses, get creative in what we offer. We will continue with 100-level courses next fall. After 2012 budgets get really tight. Mathematics may develop online courses, it is felt there may be a sizeable market for online courses in Alaska. The SPOC committee will continue meeting, their recommendations concern academics only. They may also consider Applied Baccalaureate degrees, modified two-year programs, certificates for the

Post-Baccalaureate market.

## **VII. REPORTS**

- a. NSM Budget Report – on target
- b. Faculty Senate: had a short meeting, Bryan, Kristin, Mike LeMaster attending. Graduate students want a slot for interpretive studies.
- c. Faculty Development Committee: requests were close to what was expected at this time.
- d. AFT/WOU (workload committee):
- e. Curriculum Committee: Biology has some small changes that they will send to Laurie and Steve.
- f. Academic Requirements Committee: Policy is to include number of hours to petition for overload did not pass. The form has been upgraded. The “D” designation for transfer students will not require a signature. It will become automatic with the transfer. The “W” issue did not come up. The ARC is in the early phase of looking at the “D” criteria.
- g. PRC / Tenure and Promotion (Files Due on Nov. 18): large stack of files from NSM in conference room, they will be reviewed after break.
- h. Academic Infrastructure Committee No more funding at this time.
- i. Building Committee (Div. + Dept. Chairs)
- j. PURE/Academic Showcase: Bryan is wrapping up his PURE tenure this year. Ethan McMahan will take the helm next year. “Pure Insights” is the inaugural journal from the Showcase. Check with Camilla if interested, Ava for Biology.
- k. Complaints

## **VIII. FINAL COMMENTS AND ADJOURNMENT (*Happy Holidays and Winter Break*)**

Steve mentioned that the “extra” form for sabbatical was removed.

Meeting was adjourned.



## February 2012, Week 1 Numbers for Fall 2012

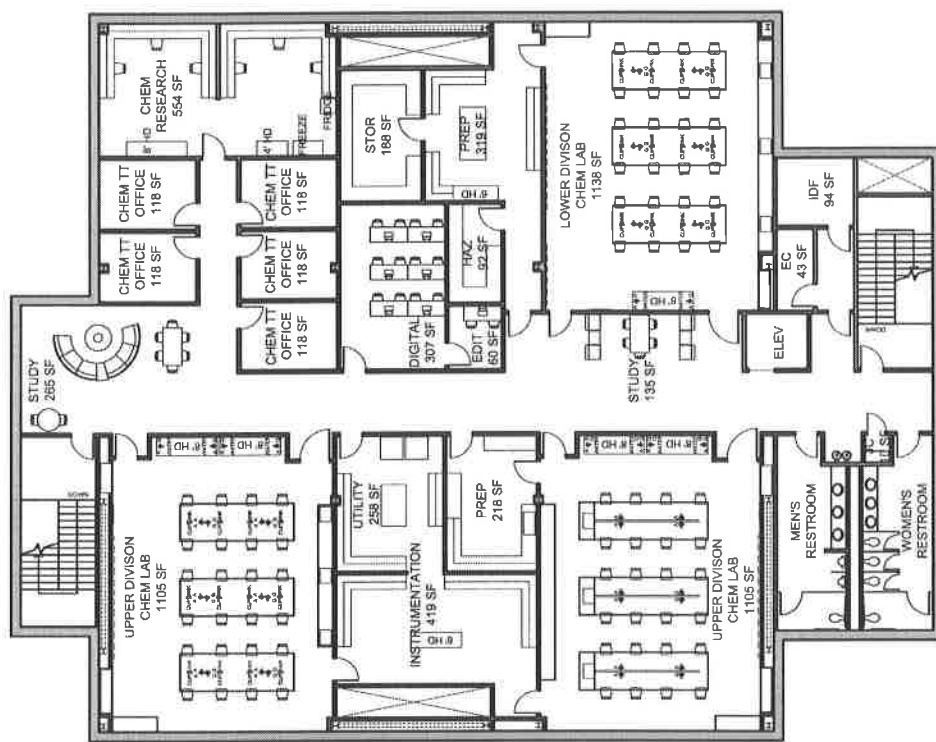
	2012	2011	Difference	% Change	5 year average
<b>Undergraduate Students</b>					
Applications					
Resident	1,345	1,404	-59	-4.20%	1,053
Nonresident	711	567	144	25.40%	430
International	14	11	3	27.27%	15
Total Undergrad. Applicants	2,070	1,982	88	4.44%	1,498
Admitted Students					
First time Freshmen	1,548	1,536	12	0.78%	
Transfer	174	152	22	14.47%	
Post Bac	2	2	0	0.00%	
Total Undergrad. Admits	1,724	1,690	34	2.01%	1,231
Total Denied	10	12	-2	-16.67%	
Cancel Rate	0.58%	0.18%			
<b>Graduate Students*</b>					
Graduate Applications					
Resident	26	35	-9	-25.71%	
Nonresident	9	9	0	0.00%	
International	4	0	4	#DIV/0!	
Total Grad Applications	39	44	-5	-11.36%	
Graduate Admits					
Resident	2	2	0	0.00%	
Nonresident	0	0	0	#DIV/0!	
International	0	0	0	#DIV/0!	
Total Grad Admits	2	2	0	0.00%	

\* Note: Graduate student applications are received and processed for each academic quarter. This data is provided for students seeking to enter fall term only.

**Housing:** 637 Applications. Down 37 (5.5%)

**Next Events:** Winter Preview II, February 11  
Criminal Justice Day March 7  
Cesar E. Chavez Leadership Conference March 9  
Spring Break Visit Day March 29





DeVolder Family Science Center  
WESTERN OREGON UNIVERSITY

SODERSTROM ARCHITECTS



VSE this form

INCLUDE OFS

ANNUE

REPORT  
PROCESSES

Archival Summary Report: Departmental Learning Outcomes Assessment  
(To be completed and forwarded, electronically, to division office.)

Department: \_\_\_\_\_

Division: \_\_\_\_\_

Department contact: \_\_\_\_\_ Date: \_\_\_\_\_

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1. Program, major/minor or curriculum components reviewed—indicate which learning outcome(s) these components service:

2. Assessment methods (type of data reviewed):

3. Actions to be taken by the department:

4. Expected enhancement to departmental programming or support to other academic units:

5. Plan for follow-up actions or tracking

## Departmental Assessment Plan: Student Learning Outcomes

(Please submit, electronically, to division office.)

Program Information	
Academic Program (Major)	
Degree	
Department	
Division	
Academic Year	
Departmental Contact Person	
Name	<i>This should be person coordinating the program's assessment effort</i>
Title	
Department	
E-Mail Address	
Extension	
Program Mission Statement and Learning Outcomes	
<p><i>Insert the program mission statement as published in the most recent academic catalog.</i></p>	

Program Learning Outcome Assessment		
Learning Outcomes published in the most recent academic catalog.	Outcome 1	
	Outcome 2	
	Outcome 3	
Target	Describe what level of proficiency or percent student attainment of the stated learning outcome.	
Data Source	Describe where and when data will be collected, how and if students will be sampled, and estimated sample size.	
Means of Assessment	Describe in detail the method of assessment you will be using (e.g., capstone project, course-embedded assessment, standardized instrument, etc.).	
Means of Scoring	Describe how you will score the assessment. For example, will you use a rubric or answer key, or will it be scored by a testing company? (If you plan to use a rubric, be sure to include the rubric as an appendix.) Who will do the scoring? One or more people? How will scores be reported (e.g., total scales or subscores)?	
Evidence Storage	Describe how/where the evidence pertaining to the assessment process is being archived. Electronic archive is preferred when possible. Please be certain that records can be retrieved for review by internal (e.g., division, college, university) or external (e.g., NWCCU) reviewers.	

Western Oregon University  
Memorandum

**From:** Steve Taylor, Chair, Division of Natural Sciences and Mathematics  
**To:** Provost Neely and Dean Scheck  
**Date:** December 15, 2011  
**RE:** Online Laboratory Science Inquiry

EXEMPT  
PAGE 1  
of  
22 PAGES

Colleagues:

This memorandum serves as a follow-up response to two related e-mail inquiries from Provost Neely on October 17 and November 21, 2011. The former involved a request for review of North American Network of Science Labs Online (NANSLO) organization, and the latter review of the online virtual chemistry laboratory curriculum offered by BCcampus in Canada. Both of the inquiries were framed around generating new ideas for offering lower-level laboratory science in an online format, as a possible means of increased cost efficiency, while still maintaining a quality academic experience for the students.

To provide meaningful feedback, I circulated the Provost's inquiry to chairs in our three science departments and requested preliminary feedback regarding online science education. In addition to soliciting written responses, I also engaged ad hoc verbal discussions with science faculty and formally presented the topic for comment at our December 6, 2011 monthly division meeting. Written departmental responses are attached, and bullet summaries of key findings are presented below. The summary items are organized into seven categories: (1) Standards and Role of Laboratory Science at WOU; (2) Review of NANSLO and BCcampus Online Laboratory Science Programs; (3) Sampling of Oregon Colleges and Universities Offering Online Lab Science; (4) Goals for Developing Online Lab Science at WOU; (5) Advantages to Online Lab Science; (6) Disadvantages to Online Lab Science; and (7) Preliminary Findings and Recommendations.

**1. Standards and Role of Laboratory Science at WOU**

- A. *Standards:*** National and state science standards have been established in the literature through a number of organizations including the National Science Foundation (*Science and Engineering Indicators: 2010*), U.S. Dept. of Education (*Science Framework for the 2009 National Assessment of Educational Progress – NAEP*), American Association for the Advancement of Science (*Benchmarks for Science Literacy*), and the National Research Council (*National Science Education Standards*).
- B. *Literacy:*** All of the published standards documents emphasize the *urgent need for science education* and literacy both in the general U.S. population and in the related professional disciplines. To quote from the NRC National Science Education Standards: "Scientific literacy is of increasing importance in the workplace. More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions, and solve problems. An understanding of science and the processes of science contributes in an essential way to these skills."
- C. *Lab Science:*** The 2009 NAEP study further states that "science seeks to increase our understanding of the natural world through empirical evidence. Such evidence gathered through observation and measurement allows for an explanation and prediction of natural phenomena."

9

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<b>Budgeted amount for Supplies and Services</b>	<b>NSM902 (July 1, 2011)</b>		<b>\$30,202</b>	
SEP copy charges added - \$1550		Expense	<b>\$30,202</b>	
<b>ESTIMATED GENERAL OFFICE OPERATING EXPENSES</b>			<b>\$25,202</b>	
Telecom (Phones and Networking)	155.08	\$500		
Copiers	4546.19	\$10,000		
Office Supplies & Book Store	5346.88	\$4,000		
Postage	38.95	\$500		
Duplicating Services	48.31	\$300		
Faculty travel		\$4,000		
Physical Plant - work orders	2376.28	\$2,500		
Telecommunication wiring	175	\$1,000		
Miscellaneous	21.77	\$2,402		
<b>TOTAL ESTIMATED GENERAL EXPENSES</b>			<b>\$25,202</b>	
<b>MATHEMATICS</b>	<b>NSM902 Starting</b>		<b>\$5,000</b>	
Money already spent	NSM902		\$907	
NSM941 Lab Fees			\$2,000	
SEP/DEP MTH70-95 - Course-Related Toner-Copier-Supplies				
NSM941 Lab fees expended			\$0	
Balance	Total balance		<b>\$6,093</b>	
=====				
<b>SCIENCE DEPARTMENT BUDGETS NSM922 STARTING July 1, 2011</b>			<b>\$175,000</b>	
<b>BIOLOGY</b>	<b>NSM922 Starting</b>		<b>\$59,878</b>	\$59,878
Summer lab fees rolled over into 2011-12			\$4,100	
Money already spent			\$33,030	
Balance			<b>\$30,947</b>	
<b>EARTH &amp; PHYSICAL SCIENCE</b>	<b>NSM922 Starting</b>		<b>\$48,737</b>	\$48,737
Summer lab fees rolled over into 2011-12			\$1,850	
Money already spent			\$11,750	
Balance			<b>\$38,838</b>	
<b>CHEMISTRY</b>	<b>NSM922 Starting</b>		<b>\$30,635</b>	\$30,635
Summer lab fees rolled over into 2011-12			\$950	
Money already spent			\$7,340	
Glass breakage			\$177	Summer 20
Balance			<b>\$24,422</b>	
=====				
<b>NATURAL SCIENCE STUDENT INFRASTRUCTURE AND OVERHEAD</b>				
<b>STUDENT LAB NETWORK</b>	<b>NSM922 Starting</b>		<b>\$5,500</b>	\$5,500
Money already spent			\$455	
Balance			<b>\$5,045</b>	
<b>STUDENT PAPER</b>	<b>NSM922 Starting</b>		<b>\$5,000</b>	\$5,000
Money already spent			\$0	
Balance			<b>\$5,000</b>	
<b>FIELD TRIP</b>	<b>NSM922 Starting</b>		<b>\$6,000</b>	\$6,000
Money already spent			\$1,919	
Balance			<b>\$4,081</b>	
<b>EQUIPMENT REPAIR</b>	<b>NSM922 Starting</b>		<b>\$2,500</b>	\$2,500
Money already spent			\$2,148	
Balance			<b>\$352</b>	
<b>Millipore DI Water Still</b>	<b>NSM922 Starting</b>	\$586	\$2,500	\$2,500
<b>Willamette Water (Softener)</b>	<b>NSM922 Starting</b>		\$0	\$0
<b>NW Natural Gas</b>	<b>NSM922 Starting</b>	\$51	\$250	\$250
			<b>\$2,750</b>	
<b>Contingency 8% of Total NSM922 Budget</b>	3834		<b>\$14,000</b>	\$14,000
			<b>TOTAL</b>	<b>\$175,000</b>
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