



www.marshall.edu

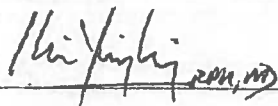
School of Pharmacy  
Office of the Dean

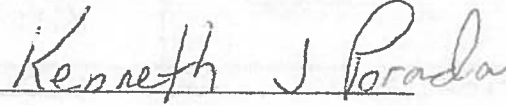
**MEMORANDUM OF UNDERSTANDING BETWEEN MARSHALL UNIVERSITY AND UNIVERSITY OF RIO GRANDE & RIO GRANDE COMMUNITY COLLEGE LEADING TO A THE DOCTOR OF PHARMACY DEGREE (Pharm.D.)**

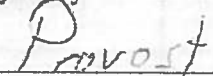
Marshall University and University of Rio Grande & Rio Grande Community College (hence forth referred to as University of Rio Grande), in order to promote and facilitate the educational opportunities afforded students interested in pursuing a pharmacy education, establish this memorandum of understanding (MOU). This MOU stipulates a series of courses that, when satisfactorily completed by University of Rio Grande students, will meet the Pharm.D. degree's prerequisite requirements and facilitate student enrollment within the Marshall University School of Pharmacy.

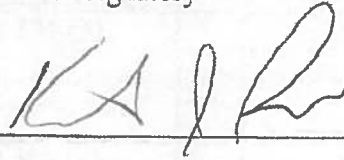
Marshall University and University of Rio Grande agree to monitor and support the provisions of this agreement to ensure the consistency, quality, and transferability of students interested in pursuing a Pharm.D. degree. Marshall University and University of Rio Grande agree to coordinate changes in the course content and/or requirements for any courses listed in the MOU for the purpose of ensuring continued comparability between the courses offered on each campus. Marshall University and University of Rio Grande agree to renegotiate this agreement when changes to the Pharm.D. curriculum occur or when changes in the graduation requirements for either institution become necessary. This process will be the responsibility of the appropriate deans at both institutions.

Students pursuing the Pharm.D. degree through the memorandum of understanding will be bound by the curriculum description (Appendix A) in effect at the time they are officially accepted into the Pharm.D. program. The attached curriculum sheets dated October 5, 2011 will be in effect until officially changed and agreed upon by both institutions.

  
\_\_\_\_\_  
Dr. Kevin Yingling, Dean  
School of Pharmacy  
Marshall University

  
\_\_\_\_\_  
Signatory for University of Rio Grande (Print)

  
\_\_\_\_\_  
Title of Signatory

  
\_\_\_\_\_  
Signature

**APPENDIX A: PREREQUISITE CURRICULUM – UNIVERSITY OF RIO GRANDE  
TO MARSHALL UNIVERSITY EQUIVALENT COURSE WORK**

Marshall Course Requirement	Marshall University		University of Rio Grande
Calculus	MTH 229 (5)		MTH 15105 (5)
Statistics	MTH 225 (3)		MTH 21404 (4)
Gen Biology I	BSC 120 (4)		BIO 12104 (4)
Gen Biology II	BSC 121 (4)		BIO 12204 (4)
Human Anatomy	BSC 227 (4)		BIO 10104 (4)
Human Physiology	BSC 228 (4)		BIO 10204 (4)
Microbiology	BSC 250 (4)		BIO 21304 (4)
Gen Chemistry I	CHM 211 (3)		CHM 15005 (5)
Lab	CHM 217 (2)		^
Gen Chemistry II	CHM 212 (3)		CHM 15505 (5)
Lab	CHM 218 (2)		^
Organic Chem I	CHM 355 (3)		CHM 26303 (3) CHM 26202 (2)
Organic Chem II	CHM 356 (3)		CHM 27303 (3)

Lab	CHM 361 (3)		CHM 27202 (2)
Physics I	PHY 201 (3)		PHY 17505 (5)
Lab	PHY 202 (1)		^
Physics II	PHY 203 (3)		PHY 18505 (5)
Lab	PHY 204 (1)		^

## APPENDIX B: PROCESS

Students attending University of Rio Grande who select to pursue the Pharm.D. degree program at Marshall University will take any/all of the courses listed in Appendix A through University of Rio Grande. Upon transfer to Marshall University School of Pharmacy, the listed courses will be accepted by Marshall University as meeting the required pre-pharmacy course requirement indicated for that course.

As part of the memorandum of understanding, Marshall University School of Pharmacy agrees to give preferential consideration during each admission cycle to University of Rio Grande students who select to transfer to the Pharm. D. program and meet the minimum transfer requirements. The minimum transfer requirements are:

1. Selection for receipt of preferential consideration by the appropriate University of Rio Grande Dean or group. University of Rio Grande will submit their students selected to the Marshall University School of Pharmacy prior to December 15<sup>th</sup> of each year. Students selected are required to complete an onsite interview at the Marshall University School of Pharmacy prior to admission;
2. Minimum grade of 3.4 at University of Rio Grande for all courses listed in the memorandum of understanding;
3. Completion of MU Graduate College Application for Admission as well as MUSOP Supplemental Application along with required fees;
4. Official transcripts for all institutions attended sent from institution directly to MU Graduate Admissions Office;
5. PCAT  $\geq$  60 and completed within prior 12 months;
6. PCAT scores submitted to Marshall University School of Pharmacy;
7. 2 professional letters of reference and 1 academic letter of reference submitted to the MUSOP Admissions Committee, care of Terri Moran at Marshall University School of Pharmacy, One John Marshall Drive, Huntington, WV 25755-2950; and
8. Successful completion of an on-campus admissions interview.