June 30, 2009

MEMORANDUM

TO: Anand Anandalingam
    Dean, R.H. Smith School of Business

FROM: Phyllis Perez
    Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to establish a dual M.B.A./M.D. degree program with the University of Maryland, Baltimore (PCC log no. 08087)

Your proposal to establish a dual M.B.A./M.D. degree program with the School of Medicine at the University of Maryland, Baltimore has been administratively approved. A copy of the approved proposal is attached.

The dual degree program is effective Fall 2009. The Smith School should ensure that the program is fully described in the Graduate Catalog and in all relevant materials, and that all advisors are informed.

CVR

Enclosure

cc: Carmen Balthrop, Chair, Senate PCC Committee
    Sarah Bauder, Office of Student Financial Aid
    Reka Montfort, University Senate
    Barbara Hope, Data Administration
    Denise Nadasen, Institutional Research & Planning
    Anne Turkos, Archives
    Linda Yokoi, Office of the Registrar
    Thomas Castonguay, Graduate School
    Brian Florick, Smith School of Business
    Robert Krapfel, Smith School of Business
    Susan Taylor, Smith School of Business
THE UNIVERSITY OF MARYLAND, COLLEGE PARK
PROGRAM/CURRICULUM PROPOSAL

DIRECTIONS:
- Provide one form with original approval signatures in lines 1 - 4 for each proposed action. Keep this form to one page in length.
- Early consultation with the Office of the Associate Provost for Academic Planning & Programs is strongly recommended if there are questions or concerns, particularly with new programs.
- Please submit the signed form to Claudia Rector, Office of the Associate Provost for Academic Planning and Programs, 1119 Main Administration Building, Campus.
- Please email the rest of the proposal as an MSWord attachment to pcc-submissions@umd.edu.

DATE SUBMITTED_6/24/2009_ PCC LOG NO. 08087

COLLEGE/SCHOOL_Robert H. Smith School of Business_

DEPARTMENT/PROGRAM_MD/MBA

PROPOSED ACTION (A separate form for each) ADD_X DELETE____ CHANGE____

DESCRIPTION (Provide a succinct account of the proposed action. Details should be provided in an attachment. Provide old and new sample programs for curriculum changes.)

See Attached

JUSTIFICATION/REASONS/RESOURCES (Briefly explain the reason for the proposed action. Identify the source of new resources that may be required. Details should be provided in an attachment.)

See Attached

APPROVAL SIGNATURES - Please print name, sign, and date

1. Department Committee Chair

2. Department Chair

3. College/School PCC Chair Robert Krapfel/Robert Krapfel June 22, 2009


5. Dean of the Graduate School (if required)  

6. Chair, Senate PCC

7. Chair of Senate

8. Vice President for Academic Affairs & Provost Phyllis Meres 6/29/09
UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE
UNIVERSITY OF MARYLAND ROBERT H. SMITH SCHOOL
MD/MBA Dual Degree Program

Mission Statement
The mission of the University of Maryland MD/MBA Dual Degree Program is to provide students with the knowledge to explore opportunities in medicine and business and acquire the education to lead and manage in all health-care settings.

Program Structure
The University of Maryland MD/MBA Dual Degree Program is a five-year integrated program completed at the University of Maryland (UMB) School of Medicine and the University of Maryland (UMCP) Robert H. Smith School of Business. Students accepted in the Program will spend their first two years in the University of Maryland, Baltimore Medical School, completing Year 1 and Year 2. Students will also complete a total of 6 elective credits in Year 1 (S2), Year 2 or summer following Year 1-2. In Year 3, students will matriculate in the University of Maryland, College Park Business School to complete the first full year of MBA course work. Business school coursework (3-6 credits) will also be completed in the summer following Year 3. In Year 4 students return to Medical School and complete Y3 (clinical) of the Medical School curriculum. In Year 5, students will complete the remaining MD and MBA (15 credits) requirements. There are 54 credits required for the MBA degree of which 6 credits are electives completed at the UMB campus.

Admission Process for Prospective Medical Students
Applicants will apply to both the School of Medicine and the Business School independently. Each school will apply its own standards for admission and evaluate candidates separately.

Responsibility for admitting applicants to graduate programs at UMCP rests with the Dean of the Graduate School. Academic department and program offices review admissions application and credentials and make admissions recommendations to the
Graduate Dean. For admissions requirements and procedures, please see

Both MCAT and GMAT exams are required for entrance to the respective Schools.

**Admission Process for Current Medical Students**

Current medical students are encouraged to discuss their interest in the MD/MBA Program with the Medical School’s Program Coordinator, the Office of Student Research and the MBA Program’s Coordinator. Admission to the MD/MBA Program will be highly competitive and is not automatic. Applicants are expected to have demonstrated outstanding academic achievement and professionalism in the Medical School and must have a 3.0 GPA or better in all completed medical courses at time of application to the Business school. Students should formally apply to the MD/MBA Program by submitting a Letter of Intent by September 1st of their Year 2. The students should include a written personal statement outlining their goals and reasons for pursuing the MD/MBA degree in the Letter of Intent. Applicants must receive Medical School endorsement for admission to the MD/MBA Program through the MEAC. This will include rigorous review of the student’s overall medical school performance, personal statement and any other relevant materials.

Responsibility for admitting applicants to graduate programs at UMCP rests with the Dean of the Graduate School. Academic department and program offices review admissions application and credentials and make admissions recommendations to the Graduate Dean. For admissions requirements and procedures, please see <http://www.gradschool.umd.edu/gss/admission.html>.

The GMAT exam is required for entrance to the Business School.

**Curriculum**

See page 3
Tuition
Students will be charged based on program of admission.

Correspondence and Information
Program Information: TBD
Medical School Faculty Advisor: TBD
Business School Program Advisor: TBD

UNIVERSITY OF MARYLAND
MD/MBA Dual Degree

Sample Curriculum

Must take GMAT and MCAT for acceptance to programs

Year 1 Standard M1
Intro to Clinical Medicine I
Structure and Development
Cell and Molecular Biology
Functional Systems
Neurosciences

Year1/Year2
Research or Business-related Internship in a Health-related Business or Hospital - * 2 months stipend/1 month credit

**Electives (3 credits) to transfer to MBA

Year 2 Standard M2
Intro to Clinical Medicine II
Host Defenses and Infectious Diseases
Pathophysiology and Therapeutics I
Pathophysiology and Therapeutics II

**Electives (3 credits) to transfer to MBA

Part 1 of the USMLE

Year 3 Standard B1
MBA Core Credits (30 credits)
BUSI 630 - Data Models and Decisions (3)
BUSI 640 - Financial Management (3)
BUSI 664 - Leadership and Managing Human Capital (3)
BUSI 610 - Introduction to Financial Accounting (2)
BUSI 650 - Marketing Management (2)
BUSI 681 - Managerial Economics and Public Policy (2)
BUSI 660/661 - Entrepreneurship Selective (2)
BUSI 611 - Managerial Accounting (2)
BUSI 605 - Culture, Ethics and Communication: Managers in Society (2)
BUSI 621/622 - Technology Selective (2)
BUSI 634 - Operations Management (2)
BUSI 683 - The Global Economic Environment (2)
BUSI 672/673 - Global Selective (2)
BUSI 690 - Strategic Management (2)

Year 3 Summer MBA Coursework (3 credits)

Year 4 Standard M3 Family Medicine-4wks
Neurology-4 wks
Psychiatry-4 wks
Pediatrics-6 wks
OB/GYN- 6 wks
Medicine-12 wks
Surgery-12 wks

End Year4 Standard M3 (or Y5 M4) Part 2 of the USMLE***

Year 5 Complete July – December (Medical School)
Remaining Sub-Internship – 8wks
Medical and AHEC -4 weeks
Business School Medical Electives – 12 wks
Requirements January- April/Early May (Business School)
MBA (15 credits)

* Students will receive 1 month AHEC credit to pursue other medical electives.
** Students will take 6 credits at UMB that will be approved in advance and transfer to the MBA degree.
*** USMLE Part II may be taken at end of Y4 (M3) or in Senior year.
In recognition of the interdependency of the degrees, the School of Medicine and the Smith School of Business confer the MD and MBA degrees only after completion of both degree requirements.
## MD/MBA Course of Study
*University of Maryland School of Medicine/University of Maryland Robert H. Smith School of Business*

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<th>August</th>
<th>Sept</th>
<th>Oct</th>
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<tr>
<td><strong>Y1 (M1) - Y1 Summer</strong></td>
<td>MBA Program Orientation - Plan of Study</td>
<td>ICM I</td>
<td>Struc &amp;</td>
<td>Cell &amp; Molec Biology</td>
<td>Functional Systems</td>
<td>Neurosci</td>
<td>UMB Elective Credit (3-6 hrs)* + Optional 2 mo Internship**</td>
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<td><strong>Y2 (M2)</strong></td>
<td>ICM II</td>
<td>Host Defenses &amp; Inf</td>
<td>Pathophysiol &amp; Ther I</td>
<td>Pathophysiol &amp; Ther II</td>
<td>UMB Elective Credit (3-6 hrs)*</td>
<td>USMLE Part I</td>
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<td><strong>Y3 (B1)</strong></td>
<td>MBA Core Credits (30 credits)</td>
<td>Summer Course - 3 credit</td>
<td>Y3 Clinical Rotations (USMLE Part II)***</td>
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<td><strong>Y4 (M3)</strong></td>
<td>Y3 Clinical Rotations (USMLE Part II)***</td>
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<td><strong>Y5 (M4, Jul-Dec)</strong></td>
<td>Subinternship</td>
<td>Elective</td>
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<td><strong>Y5 (B2; Jan-May)</strong></td>
<td>MBA Credits (up to 15 credits)</td>
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*Elective credits at UMB for transfer to MBA Program (no more that 6 hrs total Y1/Y2); ** Research or business-oriented internship for one month elective SoM AHEC credit; *** USMLE Part II may be taken at end of Y4 (M3) or in Senior year.