

## Supplemental Document to Original Proposal for Masters in Development Practice

(this responds to November 8, 2010, review by Graduate School)

1. **Name of Degree:** Change to “Master of Sustainable Development Practice.” This will be abbreviated to MDP so as to be consistent with the other MDP programs in the global network of such programs.
2. **Title of Major** is “Sustainable Development Practice.” Since this is the same name as the degree it is not necessary to apply for a separate major.
3. **Degree type** is “nonthesis” Masters degree. In the proposal we use the term “professional degree” to mean terminal degree (we do not expect MDP students to go on to do a PhD). It is not regarded as a First Professional degree as defined by the Graduate School. We are not seeking certification by Graduate School as a “professional” degree.

### 4a.

The total number of credits will now be 45. We have removed the 6 credits required during the summer.

- (i) All courses are at the graduate level.
- (ii) We will not include any undergraduate credits under any circumstances.

### 4b.

- (i) We are using 6940 as a Practicum course (this number was previously approved for a Practicum course through Latin American Studies – LAS 6940 with a maximum of 6 credits).
- (ii) We have applied to expand this to a maximum of 12 credits. (re: telephone conversation with Karen Bradley, the Graduate School is currently investigating this)
- (iii) The minimum number of credits required in the major is 33 (all of the required courses in the curriculum)
- (iv) All courses listed in the Curriculum section of the original proposal (Section VIII D) count as major courses except for 12 credits of electives (see also 4a above). Major courses (all 3 credits) are therefore:

- Global Classroom Development Theory and Practice
- Ecological Principles for Development Professionals
- Health and Development I
- Communication and Leadership Skills
- Foundations of Economic Analysis for Sustainable Development
- Natural Resource Management and Innovation Systems
- Health and Development II
- Sustainable Development Practice Seminar/Workshop
- Sustainable Development Team Project

- Development Administration
- Conservation and Development Entrepreneurship

**4c.**

Students are required to take at least one certificate or concentration or minor. Students may take more than one certificate or concentration or minor. Example certificates/concentrations/minors are shown in TABLE A below which replaces Appendix 1 in the original proposal and list of Certificates on Pages 27-34.

**4d.**

**Milestones:** All MDP students are required to produce a written project report and pass an oral defense of their project.

4e. (the following should be inserted under the INTRODUCTION – Section 1 of the original proposal)

(a) The degree will be at the Masters level and will comply with all graduate School policies unless specified in this document.

**Responses to Comments on Graduate Council subcommittee review** (included in November 8, 2010 document)

**Revenue Issue:**

Please note that the courses offered through the MDP are taken by various other graduate students and that existing graduate course enrollments have increased as a result of the MDP. Once this degree is approved we plan to apply for an MDP Certificate which will be open to non-MDP students. We will also attract MDP students from the global network to our summer practicums, thereby increasing revenue. The numbers given on Page 1 of the proposal do not therefore capture the full value of this program.

**Enrollment:**

We currently have 11 students enrolled in the MDP program. One of the main reasons for Columbia's much larger applicant pool is that their MDP is contained within the Masters in Public Administration (e.g. in 2009, 190 students graduated with an MPA) and they can draw on the many international institutions located in NYC. We have no concerns with the quality of our MDP students and with our current recruitment plan expect to significantly increase the pool of applicants for the coming years.

**Notification Date:**

This is now April 15.

**Certificates:**

This has been clarified above and in Table A below.

Grenville Barnes  
MDP Co-Director  
11/13/2010

TABLE A. Example of Certificates/Concentrations/Minors that may be taken as part of the MDP

(Once the MDP degree is approved, all necessary approvals for certificates “owned” by other degrees will be obtained).

<p><b>Masters Certificate in African Studies</b></p> <p>Students take at least 12 credits of course work relating to Africa in at least two departments or academic units. These include a one-credit bibliography course (AFS 5061) offered by the Africana collection librarians introducing students to printed and electronic resources on Africa.</p>
<p><b>Minor in Agroforestry</b></p> <p>The minor requires FNR 5335 (Agroforestry) and an appropriate number of approved supporting courses in at least two academic units outside the major.</p>
<p><b>Graduate Certificate in Gender and Development</b></p> <p>To earn the Gender and Development (GAD) certificate, each student completes at least 12 hours of approved coursework. Students will work with the graduate coordinator in Women's Studies to verify the requirements for the certificate are met.</p>
<p><b>Interdisciplinary Concentration for Geographic Information Systems</b></p> <p>The interdisciplinary concentration in Geographic Information Systems (IGIS) offers students the opportunity to take a variety of GIS courses in five related categories: Fundamentals of GIS, Geomatics (Measurements, Data Organization &amp; Reliability); Geostatistics; Remote Sensing and Image Processing Fundamentals; Spatial Analysis, Modelling and Decision Support.</p>
<p><b>Graduate Certificate in Latin American Studies</b></p> <p>The Graduate Certificate in Latin American Studies requires 15 credit hours of Latin American area studies courses. Students are required to take LAS 6938 (variable topics) and demonstrate proficiency in a Latin American language.</p>
<p><b>Public Health Certificates*</b></p> <p>The certificate requires 15 credits. The general plan of study is designed for individuals with no previous public health training or limited experience in public health. Students take a core course in each of the five areas of public health: Biostatistics, Environmental Health, Epidemiology, Public health management and Policy, and, Social and Behavioral Sciences. Specific plans of study for a certificate in Public Health Management and Policy must be approved by the Public Health and Management coordinator before the student undertakes the certificate. Certificates in Epidemiology and in Environmental Health can be designed as a specific plan of study.</p>
<p><b>Interdisciplinary Concentration and Certificate in Sustainable Design</b></p> <p>Students enrolled in the Certificate Program in Sustainable Design must complete a minimum of 12 credits of approved electives and a research project related to Sustainable Architecture. The research project must be preapproved by the Governing Board.</p>
<p><b>Certificate in Tropical Agriculture</b></p> <p>This certificate requires 12 credits in courses from biological and social sciences, approved by the CTA Steering Committee</p>
<p><b>Tropical Conservation and Development Certificate</b></p> <p>Students have to take 12 credits consisting of two to three required core courses, plus one course in tropical ecology and one social science course relevant to tropical conservation and development. All MDP students who complete required coursework will be eligible for the TCD certificate.</p>

\* These are currently college certificates not administered by the Graduate School.