MEMORANDUM

TO: Cheng-i Wei
Dean, College of Agriculture and Natural Resources

FROM: Phyllis Peres
Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to establish a Master of Landscape Architecture (PCC log no. 06030)

On October 16, the Maryland Higher Education Commission approved your proposal to establish a Master of Landscape Architecture. The Board of Regents gave final approval on October 19. Copies of their approval letters and the proposal document are attached.

The approval is effective Fall 2008. The College should ensure that the degree program is fully described in the Graduate Catalog and in all relevant descriptive materials, and that all advisors are informed.

CWR/

Enclosures

cc: Carmen Balthrop, Chair, Senate PCC Committee
Sarah Bauder, Office of Student Financial Aid
Mary Giles, University Senate
Barbara Hope, Data Administration
Denise Nadasen, Institutional Research & Planning
Anne Turkos, Archives
Linda Yokoi, Office of the Registrar
Mary Ann Ottinger, Graduate School
Jack Sullivan, Plant Science and Landscape Architecture
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: April 4, 2006

COLLEGE/SCHOOL: Agriculture and Natural Resources

DEPARTMENT/PROGRAM: Department of Natural Resource Sciences and Landscape Architecture
Landscape Architecture Program

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.)

This is a proposal for a Master of Landscape Architecture (MLA) Program in the Department of Natural Resource Sciences and Landscape Architecture. The curricula will direct candidates toward either a First-Professional Degree or a Post-Professional (research) degree. The master's program will offer both a thesis and a non-thesis option.

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.)

The new program will serve an underrepresented State, where the number of graduate students in the growing field of landscape architecture is far below the regional and national average of MLA degrees per capita. It will respond to the strong demand for advanced research and published scholarship in the field and for licensed landscape architects to fill career positions in private planning, design and engineering firms, government planning agencies, environmental stewardship organizations.

During the initial four-year period, the MLA program will require five new faculty members. The Department will support one Landscape Architecture tenure-track faculty through the Areas of Excellence initiative that is identified in the Department of Natural Resource Sciences and Landscape Architecture Strategic Plan. Four tenure-track and adjunct faculty and new facilities (required in the third year) will be supported by the College using allocated funds from program revenue and entrepreneurial activity. The School of Architecture, Planning and Preservation will participate in shared courses, studio projects, thesis and grant-funded programs.

APPROVAL SIGNATURES

1. Department Committee Chair
2. Department Chair
3. College/School PCC Chair
4. Dean
5. Dean of the Graduate School (if required)
6. Chair, Senate PCC
7. Chair of Senate
8. Vice President for Academic Affairs & Provost

DATE
4/4/06
4/4/06
4/20/06
7/27/06
2/21/07
3/6/07
10/31/07
October 25, 2007

Dr. C.D. Mote, Jr.
University of Maryland, College Park
1101 Main Administration Building
College Park, MD 20742

Dear Dan:

This is to officially inform you that the Board of Regents, meeting in public session on Friday, October 19, 2007 at the University of Maryland Eastern Shore, approved the following for UMCP:

Master of Landscape Architecture (MLA)

The Education Policy Committee, meeting on September 19, 2007, recommended approval.

Sincerely,

William E. Kirwan
Chancellor

WEK/tm

cc: Irwin Goldstein
Janice Doyle
October 16, 2007

Dr. C. D. Mote, Jr.
President
University of Maryland, College Park
1101 Main Administration Building
College Park MD 20742

Dear Dr. Mote:

The Maryland Higher Education Commission has reviewed a request from the University of Maryland, College Park to offer a new Master of Landscape Architecture. I am pleased to inform you that the new program has been approved. This decision was based on an analysis of the program in conjunction with the Maryland Higher Education Commission’s Policies and Procedures for Academic Program Proposals and the Maryland State Plan for Postsecondary Education. The program demonstrates potential for success, an essential factor in making this decision.

For purposes of providing enrollment and degree data to the Commission, please use the following HEGIS and CIP codes:

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Degree Level</th>
<th>HEGIS</th>
<th>CIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Architecture</td>
<td>Master’s</td>
<td>0204-00</td>
<td>04.0601</td>
</tr>
</tbody>
</table>

Should the program require any substantial changes in the future, please keep the Commission apprised. I wish you continued success.

Sincerely,

James E. Lyons, Sr.
Secretary of Higher Education

JEL:RSL:ggs

cc: Ms. Theresa Hollander, USM
December 10, 2006

PROPOSAL FOR
NEW INSTRUCTIONAL PROGRAM
UNIVERSITY OF MARYLAND
College Park, Maryland

GRADUATE PROGRAM IN LANDSCAPE ARCHITECTURE

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
CHENG-I WEI, DEAN

DEPARTMENT OF PLANT SCIENCE AND LANDSCAPE ARCHITECTURE
WILLIAM KENWORTHY, CHAIR

Master of Landscape Architecture (MLA):
Proposed initiation date: Fall 2007
Executive Summary:

The Department of Plant Science and Landscape Architecture in the college of Agriculture and Natural Resources proposes a new Master of Landscape Architecture program. Within three years of its initiation, the Master of Landscape Architecture degree program will bring up to 45 new graduate students. The new program will serve an underrepresented state, where the number of graduate students in the growing field of landscape architecture is far below the regional and national average of MLA degrees per capita. There is a strong demand for professionally trained and licensed landscape architects for career positions in private planning, design and engineering firms, government planning agencies, and a variety of environmental and stewardship organizations. Advanced research and published scholarship in the field is in great demand by both academic institutions and private practice, and graduate education in a research extensive university can fill this void. Once approved, we will immediately seek full accreditation for the MLA program.

The Landscape Architecture Program proposal for a graduate curriculum capitalizes on the successful and fully-enrolled Bachelor of Landscape Architecture program. The undergraduate Limited Enrollment Program, an accredited professional degree curriculum, will flourish even more with the complement of graduate students that will lend support through teaching assistance and cooperative research. The graduate degree curriculum will take full advantage of the plant and environmental science expertise in this and other AGNR departments and the expertise in academic units throughout the University, opening the doors for productive collaboration in grant funded programs, seminar courses, and studio experiences.

Over the initial four-year period, the new MLA degree program will require the addition of four new faculty members to teach new courses for two tracks—a three-year First Professional Degree and a two-year Post Professional Degree. Tenure-track and adjunct faculty members will teach courses in theory, technology, and design that are specifically suited to the profession and to the academic discipline of landscape architecture. Colleagues throughout the College and the University will support MLA degree initiatives through research and teaching related to both ecological and cultural specializations within the field. This proposal assumes that the Department will support one Landscape Architecture tenure-track faculty through the Areas of Excellence initiative that was identified in the Department Strategic Plan (2003). It also assumes that the Departments of Environmental Science and Technology, American Studies, Geography, and Anthropology, and the School of Architecture, Planning and Preservation will participate in shared courses, projects, and grant-funded programs, especially those sponsored by the National Center for Smart Growth Research and Education. The Master of Landscape Architecture Program will also participate in collaborative programs with Morgan State University’s Master of Landscape Architecture Program in the Institute of Architecture and Planning.

The MLA initial five-year budget is based on two models: The Master of Historic Preservation (2001) and the Master of Engineering and Public Policy (2004). The MLA proposal requests initial funding support from the University and the College that will allow the program to quickly become a self-supporting program with potential to grow in size and quality. Its academic interdependence and financial independence through entrepreneurial endeavors such as certificate and professional development programs, will establish the MLA as a premier professionally accredited graduate program within the region and throughout the nation.

The goal of starting this program by the fall 2007 semester could be realized with an immediate and firm decision and a commitment of necessary resources. Many eligible degree candidates have already stated their interest in applying to the University of Maryland for the MLA degree.
I. OVERVIEW and RATIONALE

A. The nature of the proposed program and explain why the institution should offer it.

The Landscape Architecture Program within the Department of Plant Science and Landscape Architecture in the College of Agriculture and Natural Resources currently offers an undergraduate program leading to the Bachelor of Landscape Architecture degree. This program, now 13 years old, has successfully moved toward national prominence. However, although 39 professional graduate programs in landscape architecture exist in the nation, none currently exists at this Land-Grant, research extensive University.

This proposal outlines a Master of Landscape Architecture (MLA) degree program in order to fill two immediate needs:

1. The demand for landscape architecture professionals and academicians with specialization in environmental stewardship and planning, ecological landscape design and management, landscape history and preservation, landscape restoration, urban landscape design and development, transportation enhancement, regional landscape planning, recreation and heritage tourism, community-initiated open space planning and design, and global landscape initiatives; and
2. The need for researchers to study the technological, artistic, social, and public policy factors that influence the conservation, creation and care of viable natural communities in sustainable balance with human settlements of the highest quality.

Students will enter the 2-year post-professional MLA degree program after completing a Bachelor Degree in an accredited landscape architecture program. Students who hold bachelor’s degrees in unrelated undergraduate programs will be admitted into the 3-year MLA program. Successful MLA candidates will be eligible to apply to Ph.D. programs at the University of Maryland and elsewhere in landscape architecture, environmental studies, geography, urban design and planning, and other related fields.

Landscape Architecture Education – A National Perspective

An analysis of graduate programs in the U.S. indicates a significant need for landscape architecture graduate education and research in Maryland.

"The University of Maryland is the only top 20 public university where landscape architecture education is offered that does not offer a graduate degree program."

The proposed MLA program will place Maryland at the forefront of landscape architecture education nation-wide while meeting existing demand for graduates and research efforts in the state and region. The Washington-Baltimore-Annapolis marketplace and the pool of sophisticated, highly educated students in the immediate region make this opportunity for the MLA degree program ripe for development.

Summary: Twelve of the Top-20 public universities have Landscape Architecture programs. Nine of them have MLA programs; two universities have related alternative master’s degrees; and five have PhD programs. Of those that have Landscape Architecture programs, only one (University of Maryland) has only the BLA program. Only four Landscape Architecture programs are located in metropolitan areas with populations above 500,000. The University of Maryland in Metropolitan Washington, DC, is one of the four.
The following spreadsheet identifies Landscape Architecture programs within the top twenty public universities, which include the University of Maryland.

<table>
<thead>
<tr>
<th>Public Univ. Ranking</th>
<th>National Ranking</th>
<th>University Name</th>
<th>LA program</th>
<th>Key: X-YES; O-NO; V-alternative</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>BLA/BSLA</td>
<td>MLA</td>
</tr>
<tr>
<td>1</td>
<td>20</td>
<td>UC Berkeley</td>
<td>O</td>
<td>X</td>
</tr>
<tr>
<td>2</td>
<td>23</td>
<td>U of Virginia</td>
<td>O</td>
<td>X</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>U of Michigan</td>
<td>O</td>
<td>X</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>UC LA</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>5</td>
<td>27</td>
<td>U of North Carolina Chapel Hill</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>6</td>
<td>31</td>
<td>College of William and Mary (VA)</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>7</td>
<td>32</td>
<td>UC San Diego</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>8</td>
<td>34</td>
<td>U of Wisconsin-Madison</td>
<td>X</td>
<td>V (MSLA and MALA)</td>
</tr>
<tr>
<td>9</td>
<td>37</td>
<td>Georgia Institute of Technology</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>10</td>
<td>40</td>
<td>UC Irvine</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>11</td>
<td>42</td>
<td>U of Illinois-Urbana-Champaign</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>12</td>
<td>45</td>
<td>UC Santa Barbara</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>12</td>
<td>45</td>
<td>U of Washington</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>14</td>
<td>48</td>
<td>Penn. State University</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>14</td>
<td>48</td>
<td>UC Davis</td>
<td>X</td>
<td>V (Graduate Groups in Geography, Community and Regional Development and Ecology)</td>
</tr>
<tr>
<td>16</td>
<td>50</td>
<td>U of Florida</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>17</td>
<td>52</td>
<td>U of Texas Austin</td>
<td>O</td>
<td>X</td>
</tr>
<tr>
<td>18</td>
<td>55</td>
<td>U of Maryland - College Park</td>
<td>X</td>
<td>O</td>
</tr>
<tr>
<td>19</td>
<td>58</td>
<td>U of Georgia</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>19 (20)</td>
<td>58</td>
<td>U. of Pittsburgh</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

http://www.usnews.com/usnews/edu/college/rankings/brief/natudoc/tier1/t1natudoc_brief.php

**Landscape Architecture Education – Regional Perspective**

The State of Maryland has allocated fewer resources to landscape architecture education than other States in the region. When comparing faculty lines to state populations in Maryland, Pennsylvania, Virginia and West Virginia, Maryland has half the resources invested in landscape architecture education than our neighboring states. Pennsylvania\(^1\) has 37 full-time faculty lines and a population of 12.3 million (in 2000) creating a ratio of 3 faculty lines per million inhabitants. Virginia\(^2\) has 21 full-time faculty lines and a population of about 7 million, or a ratio of 3 faculty lines per million residents. West Virginia\(^3\) has a ratio of 3.8 faculty lines per million residents with 7 lines and a population of 1.8

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\(^1\) Temple University: 6, Pennsylvania State University: 20; University of Pennsylvania: 11

\(^2\) Virginia Tech University– 11; University of Virginia – 10 lines

\(^3\) University of West Virginia – 7 lines
Currently Maryland, with a population of 5.3 million residents, has 7 full time landscape architecture faculty lines in the state (five at UMD, College Park and two at Morgan State University) generating a ratio of 1.3 faculty lines per million inhabitants. In order to devote similar resources to landscape architecture education as their neighboring states, Maryland should support a minimum of 15.9 faculty lines (5.3 mil x 3 faculty/mil), which would more than double the existing faculty resources in the State. Growth in landscape architecture education at the University of Maryland, College Park would serve students, the landscape architecture profession and the citizens of Maryland.

**STATE-WIDE RESOURCES**

<table>
<thead>
<tr>
<th>State</th>
<th>Academic Landscape Architects Per 1 Million Inhabitants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pennsylvania</td>
<td>3.0</td>
</tr>
<tr>
<td>Virginia</td>
<td>3.0</td>
</tr>
<tr>
<td>West Virginia</td>
<td>3.0</td>
</tr>
<tr>
<td>Maryland</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**Market Demand for Landscape Architecture Graduates**

According to U.S. News and World Report, Landscape Architecture is one of the “Excellent Careers for 2006”. In 1999 it was identified as the second fastest growing profession in the United States. According to the 2006 U.S. Department of Labor, Bureau of Labor Statistics (http://www.bls.gov/oco/ocos039.htm), the landscape architecture profession is poised to expand in the next decade with the demand for landscape architects exceeding the capacity of universities to generate new professionals. According to their statistics, there are 25,000 landscape architects employed in the United States and employment of landscape architects is expected to increase 27% or more through the year 2014. This means that over 6,750 new landscape architecture jobs will be created nationally.

In the words of the U.S. Department of Labor, "Employment of landscape architects is expected to increase faster than the average for all occupations through the year 2014… because the expertise of landscape architects will be highly sought after in the planning and development of new residential, commercial, and other types of construction to meet the needs of a growing population. With land costs rising and the public desiring more beautiful spaces, the importance of good site planning and landscape design is growing. In addition, new demands to manage stormwater run-off in both existing and new landscapes, combined with the growing need to manage water resources in the Western States, should cause increased demand for this occupation’s services.”

“New construction also is increasingly contingent upon compliance with environmental regulations, zoning laws, and water restrictions, which will spur demand for landscape architects to help plan sites that meet these requirements and integrate new structures with the natural environment in the least disruptive way. Landscape architects also will be increasingly involved in preserving and restoring wetlands and other environmentally sensitive sites.”
“Continuation of the Transportation Equity Act for the Twenty-First Century also is expected to spur employment for landscape architects, particularly through State and local governments. This Act, known as TEA-21, provides funds for surface transportation and transit programs, such as interstate highway construction and maintenance, and environment-friendly pedestrian and bicycle trails.

“In May 2004, median annual earnings for landscape architects were $53,120. The middle 50 percent earned between $40,930 and $70,400. The lowest 10 percent earned less than $32,390 and the highest 10 percent earned over $90,850. Architectural, engineering, and related services employed more landscape architects than any other group of industries, and there the median annual earnings were $51,670 in May 2004.

“In 2005, the average annual salary for all landscape architects in the Federal Government in nonsupervisory, supervisory, and managerial positions was $74,508.”
(Source: http://stats.bls.gov/oco/ocos039.htm)

New Programs are Being Created to Meet Projected Student Demand

Other institutions of higher learning in the nation have recently seized on opportunities created by an expanding landscape architecture profession to initiate new graduate programs in landscape architecture. Most professional MLA degree programs throughout the nation serve students holding a baccalaureate degree in some other field that is not in landscape architecture. These programs meet accrediting standards for the first professional degree in Landscape Architecture at the graduate level. Two MLA programs newly accredited in 2003 are found at the University of New Mexico and Texas Tech University. Other new programs have been initiated at the University of Texas at Austin, City University of New York, Clemson University (South Carolina), Virginia Polytechnic Institute & State University (Alexandria Campus) and Chatham College (Pittsburgh).

While the landscape architecture profession is growing nationally and new programs are being created throughout the nation, the University of Maryland lags behind in providing sufficient institutional resources to meet student demand in the State.

Institutional Strengths—the Union of Science and Design

Of the landscape architecture programs in this region, the University of Maryland’s Landscape Architecture Program is the only one that is located in a science-based college and department. This union between science and design offers a unique and superior opportunity to develop valuable skills and collaborations that will enhance the curriculum, establish meaningful new knowledge, and produce enlightened practitioners, researchers, and educators. The interchange of ideas and methods of approach within the Department of Plant Science and Landscape Architecture presents opportunities rarely available in design curricula that have limited direct access to expertise in the environmental sciences. The University of Maryland is poised to become a national leader in landscape architecture education and research and the proposed Master of Landscape Architecture is necessary to realize this potential. As part of an integrated landscape architecture program, the MLA will address immediate educational and research needs: the need for design professionals with an expert education, who are both practically trained and scholarly focused; and the need for academic research in support of design theory, public policy and creative and scientific approaches to the practice of landscape architecture. In addressing these needs, the MLA program will build upon the University of Maryland’s existing strengths and advance its future goals.
Disciplinary Trends toward Research and Graduate Education

As the landscape architecture field has grown enormously in the past decades, the nature of landscape architecture design and research has changed just as markedly. Cutting edge research in the field of landscape architecture focuses on environmental justice, ecological responsibility and sustainability, and the improvement of the quality of life through the making of community places of distinction and purpose. The MLA program described here responds to the multifarious changes in landscape architecture research and practice, establishing a distinctive graduate program in landscape architecture that focuses on the Chesapeake Bay Region’s growing urbanization and threatened ecological balance. Our program is founded on a holistic perspective on the nature and culture of landscape and its role in society, and centers on issues of environmental and social policy, ecological, social and economical sustainability, cultural diversity, and responsive and responsible artistic form.

The foci of Maryland’s MLA program will include methods of landscape analysis, design, planning and management, the integration of natural conditions with cultural demands, and research to understand the impact of the landscape on society. Study and studio practice will be integrative and inclusive, with environmental science and policy debates and decisions shaping all opportunities for community development and design work—at national and international levels, and in individual communities. The most pressing issues in the landscape architecture field are fundamentally issues of policy and development: How is environmental quality determined and decided? How can change in community districts and sites be managed in the face of rapid urbanization, recreation and tourism demands, and demographic transitions? How are economic incentives and other regulations for quality design best achieved? How do public, private and nonprofit entities partner to advance the goals of community cohesion and environmental sustainability? These pressing questions present a major opportunity for the University of Maryland, a Land Grant University with a mission that emphasizes outreach to the community. With our multidisciplinary resources, a region of ready partners, and the proximity to national and international institutions, the University of Maryland is well equipped to tackle these questions.

Issues of environmental degradation, ecological restoration, and sustainable landscape planning and design direct much of the decision-making process in urban development. The University of Maryland's College of Agriculture and Natural Resources, in collaboration with other campus units, offers unique resources and pertinent areas of concentration to address these issues. The College and its many academic and professional partners bring high caliber scientific and creative design responses to the challenging environmental concerns and the making of distinctive, livable places in the rapidly urbanizing Mid-Atlantic region.

Synergy with Existing Programs

The proposed MLA program will build upon the strengths of the Department of Plant Science and Landscape Architecture (PSLA) and the existing Landscape Architecture Program, which has an undergraduate curriculum leading to the professional Bachelor of Landscape Architecture (BLA).

PSLA is composed of a faculty that specializes in plant science, urban forestry, turf and golf course management, landscape management, and landscape architecture. The Department provides a strong, comprehensive grounding for landscape assessment, site and ecological systems analysis, plant identification and pathology, and the conservation and improvement of soil and water environments, contributing expertise to the natural resource stewardship focus of the MLA. Collaborating environmental scientists in other College of Agriculture and Natural Resources units offer knowledge and practical insight into the science of landscape planning, ecological restoration, and forest...
conservation and management. The MLA will build on this collaboration and continue to involve the participation of faculty from different units teaching advanced program courses, advising students, contributing to the intellectual agenda and guidance of the program, and contributing to non-teaching programs such as lectures, symposia and research projects.

The MLA will complement the existing BLA Program, which is strongly supported by our constituents in professional design, engineering and planning offices throughout Maryland and the Mid-Atlantic Region. The 3-year MLA curriculum, which has many similarities to the BLA curriculum due to accreditation requirements, will distinguish itself from the BLA by the advanced theory, research and design requirements and expectations of students with a prior bachelor degree. MLA graduate students who come to the program with a BLA degree (2-year curriculum) can serve as teaching assistants to guide studio activities and lecture courses in the undergraduate curriculum. Undergraduates will benefit from the increased availability of instruction and design review and the increased exposure to research opportunities. Graduate students will benefit from the exposure to teaching, the experience of learning through instruction, and the clarification and reinforcement of ideas through discussion and interaction.

The Master of Landscape Architecture degree program will complement the academic, research and service initiatives of the Department of Plant Science and Landscape Architecture. The Department Strategic Plan approved by the department faculty in 2003, states that the creation of the graduate program is a priority for the department.

The MLA program will also collaborate with the School of Architecture, Planning and Preservation in several areas of interest that are shared by colleagues in both academic units. The MLA curriculum is structured to facilitate future joint degree programs with the Master of Architecture (MArch), Master of Community Planning (MCP), Master of Historic Preservation (MHP), the Master of Real Estate Development (MDEV) and the Graduate Certificates in Preservation, Planning and Development.

In addition, various courses within the MLA curriculum will be open to graduate students, space permitting, in the School of Architecture, Planning and Preservation in order to allow those students to experience the impact of landscape architecture thinking, process and problem solving. The idea is to make connections between existing strengths and our evolving capabilities in multiple areas of intersecting interests: sustainability, urban design, community design and planning, preservation and conservation. One of the most innovative aspects of the MLA curriculum is the potential to create opportunities for truly interdisciplinary studios. The curriculum is designed in a way that allows students to get initial grounding in their disciplinary field. Once this is accomplished, the last three studios in the graduate program allow for an exciting paradigm for design education, encouraging collaboration between disciplines at a relatively advanced stage in the student’s development. Upon completion of the foundation studios, qualified students could participate in cross-disciplinary studios taken within the MLA program. As such, future faculty appointments may include shared or joint appointments between the College of Agriculture and Natural Resources and the School of Architecture, Planning and Preservation to reflect the close interdisciplinary relationships that naturally exist and that can be further nurtured.

The MLA degree program will be based in the College of Agriculture and Natural Resources, contributing to the College’s curricula and nation-wide profile, and strengthening the University of Maryland’s ability to recruit the best students in all fields of environmental science, design and planning. Landscape architecture is also an important aspect of “smart growth” and the MLA program will participate fully in the research and outreach activities of the National Center for Smart Growth.
Research and Education. This State-funded and externally supported research center was established in the School of Architecture, Planning and Preservation with its partner units, which include units within the College of Agriculture and Natural Resources.

B. How big is the program expected to be? From what other programs serving current students, or from what new populations of potential students, onsite or offsite, are you expecting to draw?

By the third year, the MLA program is expected to enroll a total of 40-45 full-time students on a steady basis. The program is expected to draw new students from the Maryland and greater-Washington area’s large pool of post-baccalaureate and mid-career students. A fully accredited Master’s degree, based in the College of Agriculture and Natural Resources, will draw on the resources of faculty from a variety of disciplines throughout the University, possibly involving joint faculty appointments in relevant complementary areas of expertise. It will attract students from other academic institutions in the region which lack these strengths their landscape architecture programs (Pennsylvania State University, University of Pennsylvania, University of Virginia, Virginia Tech, and Chatham College). Students will also come from a national and international pool of students who are looking for a quality education.

The Landscape Architecture Program typically has a number of post-baccalaureate students enrolled in the undergraduate program at the University of Maryland. Over the past five years we have averaged four to five post-baccalaureate students in each class. The students have chosen to enroll in a second undergraduate degree program because they are attracted to the strengths of the professional landscape architecture education offered at the University of Maryland. This type of student would prefer to enroll in an accredited MLA program if one was offered at Maryland. These students are filling spaces in the undergraduate limited enrollment program which is enrolled to capacity.

II. CURRICULUM

A. Provide a full catalog description of the proposed program, including educational objectives and any areas of concentration.

PROGRAM DESCRIPTION

The Master of Landscape Architecture is a professional degree program that prepares students for work as professionals, both as academicians and practitioners, in the landscape architecture field, working in the public, private and nonprofit sectors. Through the MLA program’s required courses, concentration electives, and internship program, each student will acquire a thorough theoretical basis (critical framework), grounding in methods and practices, exposure to contemporary local and global issues, and hands-on experience. The required internship, studio courses, and thesis or creative project, conducted with faculty and community partners will advance the knowledge base of the landscape architecture field through research and community outreach activities integrated with the MLA curriculum.

Landscape architecture professionals and academicians need a well-rounded graduate education in scientific, artistic, legal and political perspectives on proposing and managing change and preservation in the cultural and natural environment. The MLA program at the University of Maryland will provide a holistic, integrated, and collaborative approach to landscape architecture—from theoretical as well as practical points of view. Students and researchers will explore the connections between nature and society through studio projects and advanced independent research. The foci on the broad social purposes and natural systems of landscape architecture will reinforce the public service character and
ecological perspective of much landscape research and design practice and will directly address and integrate concerns about diversity, representation, and natural/cultural expression.

The MLA degree program is interdisciplinary in its philosophy and its operation. Individual courses will convey concepts and tools from diverse disciplines and studio, research, and outreach projects will have a multi-discipline association. Project and research advisors will be drawn from faculty in Landscape Architecture, Plant Science, Environmental Science, Geography, Geology, American Studies, Architecture, Urban Studies and Planning, Historic Preservation, Real Estate Development, and other academic disciplines and professional and academic partners.

**PROGRAM STRUCTURE**
The Master of Landscape Architecture degree program is designed for two tracks:

**Track 1: Three Year - First Professional Degree Curriculum (74 credits + 9 credits @ the 200-level, if required)**
This program is required for candidates holding a baccalaureate degree that is not a professional degree in landscape architecture. This program meets accrediting standards for the first professional degree in Landscape Architecture. Foundation courses at the undergraduate 400-level are required, except where previous equivalent course work is documented and approved by the Landscape Architecture Program. In many cases, students with a related professional degree will be able to complete the MLA curriculum in five semesters, beginning with a spring semester. A thesis or creative project in one of the specialization areas is required of all students.

**Track 2: Two Year - Second Professional Degree Curriculum (43 credits)**
This is a post-professional degree program. Students with a degree in landscape architecture from a program accredited by the Landscape Architecture Accreditation Board (LAAB) will enroll in Track 2. This program meets accrediting standards for the second professional degree in landscape architecture. In this program, a thesis or creative project in an area of specialization is required. This is an intensive and fast-paced program that encourages focused research and application to acquire advanced professional competence in Landscape Architecture.

For both Tracks 1 & 2, the integrated, holistic approach to Landscape Architecture will be delivered through a variety of courses, funded research projects and community outreach activities. Types of courses include seminars, lectures, field work, and studio courses for collaborative and individual projects. In order to gain proficiency within a specific area, students will be directed to take elective courses outside the Landscape Architecture Program curriculum.

The underlying premise of the Landscape Architecture Program curriculum is the philosophy that better land-use decisions will result if the decision-makers are better informed about the environmental and social impacts of alternative actions. The landscape architect as urban designer, environmental planner, policy maker or consensus builder pulls together information from various disciplines and presents it in a form comprehensible to all who are participating in the decision-making process. This involves working closely with specialists, with whom the landscape architect interacts, contributing a broad background and holistic approach while drawing upon the expertise of individuals in a variety of scientific, economic, legal and political fields. The role of the landscape architect as one who bridges the specialist and the decision-makers has increased with mandates for environmental impact assessment and community participation at local, state, federal and international levels.
B. List the courses (number, title, semester credit hours) that would constitute the requirements and other components of the proposed program. Provide a catalog description for any courses that will be newly developed or substantially modified for the program.

MLA CORE CURRICULUM

Three-Year First Professional Degree Curriculum (74 Credits + 9 credits @ 200-level, if required).

Students will be advised to take remedial courses at the 200-level prior to arrival. The 200-level courses are not part of the MLA but are required for accreditation.

Courses in Theory and History
3 LARC 263 History of Landscape Architecture (remedial)
3 LARC 460 Landscape and Identity
3 LARC 661 Landscape and Human Behavior
2 LARC 670 Landscape Architecture Theory & Criticism
3 LARC 671 Research Methods
2 LARC 770 Masters Thesis Research
1 LARC 698 Landscape Architecture Colloquium
17 Credits Subtotal

Courses in Studio Design and Planning
5 LARC 640 Landscape Architecture Design Fundamentals Studio
5 LARC 641 Site Planning and Design Studio
5 LARC 642 Graduate Studio I
5 LARC 648 Graduate Studio II*
6 LARC 748 Graduate Studio III*
26 Credits Subtotal

Courses in Computer and Practice Technology
3 LARC 420 Professional Practice
3 LARC 620 Digital and Graphic Communication
3 LARC 621 Digital Design Tools
3 LARC 720 Landscape Construction Methods and Materials
3 LARC 721 Environmental Analysis and Site Engineering
15 Credits Subtotal

Courses in Ecology and Plant and Soil Sciences
3 PLSC 253 Woody Plant Materials I (remedial)
3 PLSC 254 Woody Plant Materials II (remedial)
3 LARC 450 Environmental Resources
9 Credits Subtotal

Courses in Independent Study and Research
1 Required seminar
9 Specialization electives (three courses—Examples in Appendix C)
6 LARC 799 Masters Thesis/Creative Project
16 Credits Subtotal

See Appendix C for an example of the MLA curriculum for the 3-year First Professional degree
Two-Year Post-Professional Degree Curriculum (43 credits)

This curriculum is for those students with a Bachelor of Landscape Architecture or other approved environmental design degree. Students will be admitted in the second year of the program (2008-2009).

Courses in Theory and History
2  LARC 670 Landscape Architecture Theory & Criticism
3  LARC 671 Research Methods
1  LARC 698 Landscape Architecture Colloquium
6 Credits Subtotal

Courses in Studio Design and Planning
5  LARC 642 Graduate Studio I
5  LARC 648 Graduate Studio II*
6  LARC 748 Graduate Studio III*
16 Credits Subtotal

Courses in Independent Study and Research
1  Required seminar
12  Specialization electives (four courses)
6  LARC 799 Masters Thesis/Creative Project
19 Credits Subtotal

See Appendix C for an example of the MLA curriculum for the 2-year Post-Professional degree.

*MLA candidates will choose a special topic studio from two options (A or B). They may also substitute advanced studios in the School of Architecture, Planning and Preservation, with permission of the instructor (on a space-available basis), for the Graduate Studio II or Graduate Studio III requirement. Possible studios include:
  ARCH 601 Topical Studio
  ARCH 700 Urban Design Studio

Landscape Architecture Graduate Studios. In the second and third year of the 3-curriculum and in the first and second year of the 2-year curriculum, MLA students will choose studios from a list that will be generated by faculty in the Landscape Architecture Program. MLA students may choose studios that will help them focus solely on a specialization track, or they may choose studios that broaden their understanding of the field of landscape architecture and related disciplines. These studios will also be available to qualified graduate students in the Department of Environmental Science and Technology, the School of Architecture, Planning and Preservation, and other programs that focus on the design of ecological systems and environmental design and planning.

All Landscape Architecture studio courses will meet the criteria for instructional content established by the Landscape Architecture Accreditation Board. Studio projects may vary year to year according to faculty interests. Landscape Architecture Studio topics may include, but are not limited to the following:
  Roof Gardens in the Ecologically Sound City; Applied GIS and Regional Planning; Open Space and Recreation Landscapes; The Changing Landscape of Transnational Communities; Parks, Greenways and Transportation Alternatives; Sustainable Urban Landscapes; Brownfields in Marginal Communities; Green Infrastructure; Landscape Ecology and Restoration; Ethnoburbs and the Urban Edge; and Waterfront Landscapes and Responsible Redevelopment.
Describe any selective admissions policy or special criteria for students selecting this field of study.

The graduate school application information will be used in making admission decisions. Students will demonstrate the quality of their undergraduate preparation through a combination of transcripts, undergraduate grade point average, GRE scores, and letters of recommendations. All applicants (Tracks 1 & 2) will be required to present a portfolio of work that reflects their interest and potential as design professionals. They will also be asked to prepare an essay that articulates their specific interests in landscape architecture and their career goals.

First Professional degree MLA students will be eligible for teaching and research assistantships after the first year of the three-year program. Students will receive assistantships and scholarships as funds are available.

Post-professional degree students will be admitted into the program in year-two (2008-2009). This will allow the program to absorb first-professional degree students in some of the undergraduate courses and distribute the hiring of new faculty over a three-year time span.

Qualified post-professional graduate students will receive teaching and research assistantships and scholarships as funds are available.

III. FACULTY AND ORGANIZATION

A. Who will provide academic direction and oversight for the program? [This might be a department, a departmental subgroup, a list of faculty members, or some other defined group.]

Participating full-time faculty in Landscape Architecture include:

- Shenglin Chang, MLA, PhD in Environmental Planning, Associate Professor,
- David Myers, MLA, PhD in Geography, Associate Professor
- Dennis Nola, BSLA, Lecturer, Landscape Architecture
- Jack Sullivan, MLA, Associate Professor (BLA Program Coordinator)
- 2006 Assistant or Associate Professor search-in-progress to replace Margarita Hill, Associate Professor
- 1 new faculty position in Landscape Architecture and/or Landscape Ecology and Landscape Management in the Department of Plant Science and Landscape Architecture (Assistant Professor, tenure track).
- 4 new faculty positions in landscape architecture are needed to implement the new MLA curriculum over a 4-year period. It is expected that two of these lines will be tenure-track lines and two will be full-time adjunct and/or Professor-of-the-Practice positions in Landscape Architecture.

Other participants in the Department of Plant Science and Landscape Architecture include:

- Steve Cohan, PhD in Plant Science, Professor-of-the-Practice,
- Maile Neel, PhD in Botany, Assistant Professor
- Christopher Walsh, PhD in Horticulture, Professor
The Graduate Program in Landscape Architecture will require two new faculty positions in its inaugural year (one tenure track and one adjunct or Professor-of-the-Practice). Three more faculty positions (of the five total lines) will be required within a three-year period, one line per year immediately following the inaugural year. Two of these lines will be tenure-track and one will be adjunct or Professor-of-the-Practice.

Department of Plant Science and Landscape Architecture faculty will consult with MLA post-professional degree candidates and MLA advanced first-professional degree candidates on an individual basis, dependent on student expertise and faculty availability.

A Landscape Architecture Graduate Program Coordinator will be assigned to the MLA program and serve as curriculum advisor for all MLA candidates. The Landscape Architecture Graduate Program Coordinator will work with participating faculty to administer program funds, recruit students, make admissions and retention decisions, coordinate courses, shepherd the accreditation process, and promote the visibility of the program.

B. If the program is not to be housed and administered within a single academic unit, provide details of its administrative structure.

The MLA Program will be housed in a single academic unit: The Department of Plant Science and Landscape Architecture in the College of Agriculture and Natural Resources. The Landscape Architecture Program Coordinator will report to the Chair of the Department of Plant Science and Landscape Architecture, who reports to the Dean of the College of Agriculture and Natural Resources.

IV. OFF CAMPUS PROGRAMS
Not applicable. The Program will be housed on campus and will not be offered via distance education.

V. OTHER ISSUES
A. Describe any cooperative arrangements with other institutions or organizations that will be important for the success of this program.

The Program does not plan to structure any formal and binding cooperative arrangements at this point in time.

B. Will the program require or seek accreditation? Is it intended to provide certification or licensure for its graduates? Are there academic or administrative constraints as a consequence?

The Landscape Architecture Program will seek accreditation for the first-professional MLA degree through the Landscape Architecture Accreditation Board (LAAB) of the American Society of Landscape Architects (ASLA). The first review by LAAB and initial accreditation will take place in the third year of the approved program (Spring 2010). Assuming that accreditation is granted, the second review will take place three years later (Spring 2013) Subsequent reviews will take place every six years. The LAAB outside review committee is typically made up of three team members representing academic administration (not landscape architecture), landscape architecture instruction, and landscape architecture professional practice.
VI. COMMITMENT TO DIVERSITY

Identify specific actions and strategies that will be utilized to recruit and retain a diverse student body.

The planning for and representation of historically under-represented constituencies is a central concern of the Landscape Architecture Program. The restoration of natural ecosystems and the design process for addressing the needs of underserved communities are intensely local phenomena and landscape architects always find their work unfolding in the context of a community’s interests in preserving their natural heritage, culture, standard of living, and identity. Work in urban, suburban and rural communities inevitably comes face to face with issues of environmental and racial justice, ethnicity and inclusion, and sustainable land use. The Landscape Architecture Program’s focus on equity and diversity issues is apparent in our curriculum and studio projects, which address issues of fair and equal access and treatment, throughout coursework, community outreach, and student and faculty research. The MLA will reinforce faculty and student commitment to addressing the needs of the under-represented in course content and curriculum. In turn, it is expected that this work will lead us to more effectively reach new and more diverse student audiences.

To this end, recruitment of students will be aimed at attracting individuals from historically under-represented communities. This commitment to diversity will take place in advertising and promoting the MLA program among the historically black colleges, with links to such institutions as University of Maryland Eastern Shore, Morgan State University, Howard University, and Hampton University. The Landscape Architecture Program will also reach into Hispanic and Asian communities and universities that serve Hispanic and Asian students to identify potential MLA candidates. We will continue our efforts to hire minority faculty and staff. Funded research projects on the equity impacts of Smart Growth will provide assistantships well-suited for and attractive to minority students. The proposed MLA will bring a strong commitment to advance the University’s diversity goals.

VII. REQUIRED PHYSICAL RESOURCES

A. Additional library and other information resources required to support the proposed program. You must include a formal evaluation by Library staff.

REVIEW OF HOLDINGS is being conducted by Desider Vikor, Library Director. It is anticipated that no additional library resources are needed. The existing collections of McKeldin Library, Hornbake Library, the School of Architecture, Planning and Preservation Library and Slide and Digital Image Collection, and the University of Maryland System collections are outstanding. The National Agricultural Library and the National Archives collections represent a major research resource within the immediate College Park area. The visual resources available through the Landscape Architecture Image Resource on the web at www.lair.umd.edu also contribute significantly to the MLA degree program. On-line journal research and image resources are available through the University of Maryland Libraries.

B. Additional facilities, facility modifications, and equipment that will be required. This is to include faculty and staff office space, laboratories, special classrooms, computers, etc.
By the beginning of its third year, the Graduate Program will require facilities for three graduate studios (each housing as many as 15 graduate students) and office space for five new faculty members. For the first two years of the program, required space for two studios, three faculty offices, and one technology staff member will be accommodated within the Plant Sciences Building (the present location of the undergraduate Landscape Architecture Program). Studio space is being renovated during the fall 2006 semester for first and second years of the MLA program. Storage areas and classroom space are also accommodated in the Plant Sciences Building. As the program advances to its third year, offices and studios will be made available by renovating space in the Plant Sciences Building. The three graduate studios will need to be equipped with drafting stations and computers. The University will provide the initial start-up funds to equip these teaching studios with a total of 45 workstations (15 in each studio) and the Landscape Architecture Program Digital Studio will generate sufficient fees to update the equipment and software over time.

There is sufficient space to house new administrative support staff needs within existing space in the Department of Plant Science and Landscape Architecture.

C. Impact, if any, on the use of existing facilities and equipment. Examples are laboratories, computer labs, specially equipped classrooms, and access to computer servers.

There will be increased numbers of students in several existing courses that are identified as required courses and remedial courses for the MLA. These include LARC 420, LARC 450, LARC 460, LARC 263, PLSC 253, and PLSC 254. Extra capacity currently exists in these courses and additional laboratory sections may be required.

The anticipated 45 new graduate students (15 per year at each of three levels) will have a profound impact on the existing equipment and operations management. These facilities, especially computer and network connections, server storage capacity and speed, and software applications and new communication products will have to be upgraded for increased capacity, frequent use, and more sophisticated development. Studio fees will be assessed each semester for those students who are registered for studio courses. These resources will be strictly relegated to the purchase and management of printing equipment and materials, image scanning devices, and computer software and hardware.

VIII. RESOURCE NEEDS and SOURCES

This proposal identifies the need for five new faculty lines to teach a total of 16 new courses (64 credits). These faculty lines will be allocated to the Department of Plant Science and Landscape Architecture. The Master of Landscape Architecture Program maximizes the existing resources of the undergraduate Landscape Architecture Program and utilizes existing University of Maryland course offerings to round out the research and professional curriculum.

A. List new courses to be taught and needed additional sections of existing courses. Describe the anticipated advising and administrative loads. Indicate the personnel resources (faculty, staff, and teaching assistants) that will be needed to cover all these responsibilities.

MLA Program faculty will teach an average of 13 credits per academic year. Of these, at least 8 credits will be studio, lecture and seminar course credits and up to 6 credits will be attributed to faculty who advise students in LARC 799 Thesis. Faculty will also be expected to mentor PhD candidates on a periodic basis.
ADDITIONAL SECTIONS TO EXISTING COURSES

2 Courses in Theory and History
   3 LARC 263 History of Landscape Architecture (remedial)
   3 LARC 460 Landscape and Identity

1 Course in Computer and Practice Technology
   3 LARC 420 Professional Practice

4 Courses in Ecology and Plant and Soil Sciences
   3 PLSC 253 Woody Plant Materials I (remedial)
   3 PLSC 254 Woody Plant Materials II (remedial)
   3 LARC 450 Environmental Resources

9 credits

NEW COURSES*

4 New Courses in Theory and History
   3 LARC 661 Landscape and Human Behavior
   2 LARC 670 Landscape Architecture Theory & Criticism
   3 LARC 671 Research Methods
   1 LARC 698 Landscape Architecture Colloquium

9 credits

7 New Courses in Studio Design and Planning
   5 LARC 640 Landscape Architecture Design Fundamentals
   5 LARC 641 Site Planning and Design Studio
   5 LARC 642 Graduate Studio I
   5 LARC 648A Graduate Studio II
   5 LARC 648B Graduate Studio II
   6 LARC 748A Graduate Studio III
   6 LARC 748B Graduate Studio III

37 credits

4 New Courses in Computer and Practice Technology
   3 LARC 620 Digital and Graphic Communication
   3 LARC 621 Digital Design Tools
   3 LARC 720 Landscape Construction Methods and Materials
   3 LARC 721 Environmental Analysis and Site Engineering

12 credits

1 Course in Independent Study and Research
   6 LARC 799 Thesis or Creative Project

6 credits

Total of 16 New Courses / Total of 64 New Credits
Five instructors, average three courses each (approximately 12-15 credits each) + advising (1-5 credits)

* Please see brief descriptions of each new course in Appendix C.

The Graduate Program Coordinator will require the support of one half-time (50%) administrative assistant support position. One half-time computer support staff person, in addition to the existing full-time tech staff, will also be required for both the BLA and MLA programs. This position will be provided by the Department of PSLA.
The Graduate Program Coordinator will advise all MLA students on matters of curriculum and course requirements. The Landscape Architecture Graduate Program faculty and Department of Plant Science and Landscape Architecture faculty will advise students in the LARC 799 Masters Thesis/Creative Project. Faculty will advise PhD candidates on an individual basis related to each candidate’s focus.

B. List new faculty, staff, and teaching assistants needed for the responsibilities in A, and indicate the source of the resources for hiring them.

The new MLA Program will require five new faculty positions, with the potential for joint appointments with the Department of Environmental Science and Technology, the School of Architecture, Planning and Preservation and others. In addition, the new graduate program gives the Department of Plant Science and Landscape Architecture the opportunity to draw teaching assistants from the MLA program to support the current BLA (Bachelor of Landscape Architecture) program. The undergraduate program presently uses senior-standing students as student assistants in the technical courses and the studios. The Department also has two-to-three graduate teaching assistants assigned to LARC 160, Introduction to Landscape Architecture, which is a CORE course).

Six (6) new graduate teaching assistantships will support the undergraduate program, especially in the computer and site engineering technologies and the advanced studios, which presently do not have student assistance. Graduate teaching assistants will be assigned to two technical courses (LARC 221 and LARC 320) and the advanced studio courses (LARC 340, LARC 341, LARC 440, and LARC 471), which integrate site engineering and computer technologies.

C. Some of these teaching, advising, and administrative duties may be covered by existing faculty and staff. Describe your expectations for this, and indicate how the current duties of these individuals will be covered, and the source of any needed resources.

There will be increased numbers of students in several courses listed as shared BLA/MLA requirements and electives. Extra capacity currently exists in some of these courses, but additional teaching resources will be required to cover course costs (Xeroxing, transportation, teaching materials, etc.). Administrative duties will be carried out by the Program Coordinator, assisted by the existing full-time Administrative Assistant and a new Graduate Program Administrative Assistant.

D. Identify the source to pay for the required physical resources identified in Section VII, above.

Instruction Facilities: The Plant Sciences Building can accommodate most of the space needs of the MLA program. With some creative reorganization and redesign, studio and classroom space presently dedicated to the Landscape Architecture Program in the Plant Sciences Building could be used for graduate studios in the first two years of the graduate program. Other options include space in a renovated Shriver Laboratory, when it becomes available.

Conveniently located near the Plant Sciences Building, across Campus Drive from Hornbake Library and Plaza, Shriver Laboratory could be an excellent, highly visible facility for studio classes and faculty offices. This centrally located building is presently underutilized. The spaces could be beautifully transformed for studio environments and, at the same time, become an excellent example of historic preservation, adaptive reuse, innovative “green” building technology, and sustainable campus
development. The cost of the renovation could come from “green” technology grant funding sources, from the State of Maryland, and as part of the University’s capital spending for development of a Center for Innovative Technology (Feasibility studies in the recent past have located such a center between Holzapfel Hall, Shriver Laboratory and Symons Hall). Shriver Laboratory could become the site of the Center’s focus on innovative graphic communication technology, with graduate programs in landscape architecture leading the way with advanced analysis systems and design graphics.

The University, the College and the Department would share the start-up costs for the initial physical improvements to the Plant Sciences Building. See Budget in Appendix D.

E. List any other required resources and the anticipated source for them.

Adjunct faculty salaries, graduate assistantships, and equipment and operating costs would come from student tuition (90% of which would be retained by MLA Program) and studio fees (all of which would be retained by the MLA Program and used exclusively to support the digital studio environment). See Budget in Appendix D.

F. Complete Tables 1 and 2 as required by MHEC.

None

APPENDICES

Appendix A. List of elective courses offered in participating units
Appendix B. List of LAAB-accredited graduate programs in landscape architecture
Appendix C. Example of the MLA curricula for the 3-year First Professional degree and the 2-year Post-Professional degree
Appendix D. Budget
Appendix E. Tables 1 and 2, as required by MHEC
Appendix A
Electives Courses Offered in Contributing Departments

Upon agreement with our partners in participating units, the following courses will be available to MLA candidates (depending on pre-requisites, space availability, and instructor approval) to augment each student's specialization.

**American Studies**
AMST601 Introductory Theories and History in American Studies; (3 credits) Struna, N.
AMST603 Current Approaches to American Studies; (3 credits) Sies, M.
AMST628B Seminar in American Studies: Diasporic Cultures; (3 credits) Williams-Forson, P.
AMST628C Seminar in American Studies: Teaching and Learning American Studies; (3 credits) Paoletti, J.
AMST628F Seminar in American Studies: Marginality Popular Culture; (3 credits) Parks, S.
AMST628Y Seminar in American Studies: Cinema and the City; (3 credits) Lounsbury, M
AMST629V Seminar in American Studies: Los Angeles: Media and Urban Space; (3 cr) Lounsbury, M.
AMST 650 Material Culture Studies Theory; (3 credits)
AMST 851 Interpretation of Cultural Landscapes; (3 credits) Sies, M.

**Architecture**
ARCH433 History of Renaissance Architecture; (3 credits) Schumacher, T.
ARCH434 History of Modern Architecture; (3 credits) Etlin, R.
ARCH601 Topical Studio; (6 credits) (faculty varies)
ARCH635 Seminar in the History of Modern Architecture; (3 credits) Etlin, R.
ARCH654 Urban Development Design and Theory; (3 credits) DuPuy, K.
ARCH655 Urban Design Seminar: (3 credits) Bell, M.
ARCH678D Selected Topics in Architecture: Urban Dialogues: Form, Space & Culture in the Chesapeake Region; (3 credits) Wortham, B
ARCH678Q Social and Behavioral Factors in Architecture & Urban Design; (3 credits) Francescato, G.
ARCH700 Urban Design Studio; (6 credits) Faculty varies).

**Environmental Science and Technology**
ENVT453 Introduction to Biological Materials; (3 credits) Wilson, O.
ENVT462 Nonpoint Source Pollution Assessment Techniques; (3 credits) Felton, G.
ENVT440 Crops, Soils and Civilization; (3 credits) James, B.
ENVT454 Environmental Issues in Plant and Soil Sciences; (3 credits) Phillips, W.
ENVT461 Hydric and Hydromorphic Soils; (3 credits) Rabenhorst, M.

**Historic Preservation**
HISP600 Introduction to Historic Preservation; (3 credits) Linebaugh, D.
HISP610 Documentation and Research Methods; (3 credits) Nieves, A.
HISP628E Social and Ethnic Issues in Historic Preservation Practice; (3 credits) Nieves, A.
HISP630 Preservation Policy and Planning; (3 credits) Ramirez, C
HISP640 Preservation Law Mayes, T.
HISP660 Preservation Studio: (6 credits) Konsoulis, M.
HISP619A Archaeology and Preservation; (3 credits) Linebaugh, D.
HISP635 Heritage Tourism: (3 credits) Nieves, A.
HISP619v American Vernacular Architecture: (3 credits) Linebaugh, D.
HISP619m Case Studies in Adaptive Use: (3 credits) Konsoulis, M.
**Geography**
GEOG614 Seminar in Cultural Geography: Human Dimensions of Global Change; (3 credits) Geores, M
GEOG615 Land Use, Climate Change, and Sustainability; (3 credits) Justice, C.
GEOG632 Economic Geography; (3 credits) 0101(34998) Dibble, C.

**Geology**
GEOL437 Global Climate Change: Past and Present; (3 credits) Farquhar, J.
GEOL451 Groundwater; (3 credits) Prestegaard, K.
GEOL452 Watershed and Wetland Hydrology; (3 credits) Prestegaard, K.
GEOL652 Advanced Watershed and Wetland Hydrology; (3 credits) Prestegaard, K.

**Natural Resources Management**
NRMT450 Wetland Ecology; (3 credits) Baldwin, A.
NRMT451 Water Quality: Field and Lab Analysis Methods; (3 credits) Baldwin, A.
NRMT460 Principles of Wildlife Management; (3 credits) Adams, L.
NRMT461 Urban Wildlife Management; (3 credits) Adams, L.
NRMT470 Natural Resources Management; (4 credits) Kangas, P.

**Plant Science**
PLSC 402 Environmental Plant Physiology; (3 credits) Deitzer, G.
PLSC 410 Principles of Plant Pathology; (4 credits) Grybauskas, Arv.
PLSC452 Principles of Landscape Establishment and Maintenance; (3 credits) Cohan, S.
PLSC 471 Forest Ecology; (3 credits) Sullivan, Joseph.
PLSC 473 Woody Plant Physiology; (3 credits) Coleman, G.
PLSC 499D Special Topics in PSLA: Low Maintenance Plant Design; (3 credits) Cohan, S.
PLSC 689F Special Topics: Urban Forestry; (3 credits) McIntosh, Marla.

**Urban Studies and Planning**
URSP 607 Human Behavior and the Physical Environment (3 credits) Brower, S.
URSP631 Transportation and Land Use; (3 credits) Ewing, R..
URSP640 Growth Management and Environmental Planning; (3 credits) Cohen, J.
URSP688A Recent Developments in Urban Studies: The Politics of Smart Growth; (3 credits) Frece, J.
URSP688C Recent Developments in Urban Studies: Designing for Community (3 credits) Brower, S.
URSP688F Recent Developments in Urban Studies: Urban Transportation Planning; (3 credits) Clifton, K.
URSP688P Recent Developments in Urban Studies: Readings in Urban Design (3 credits) Brower, S.
URSP688R Recent Developments in Urban Studies: Planning for the Baltimore-Washington Region; (3 credits) Knaap, G.
Appendix B
List of LAAB-accredited
Graduate Programs in Landscape Architecture

*denotes universities that also have an LAAB-accredited undergraduate program in landscape architecture.

Auburn University*
University of Arizona
Ball State University*
California State Polytechnic University, Pomona*
University of California at Berkeley
University of Colorado at Denver
Cornell University*
University of Florida*
Florida International University
University of Georgia*
Harvard University
University of Illinois*
Kansas State University*
Louisiana State University*
University of Massachusetts*
University of Michigan
University of Minnesota
Morgan State University
University of New Mexico
North Carolina State University*
Ohio State University*
University of Oklahoma
University of Pennsylvania
University of Rhode Island*
Rhode Island School of Design
State University of New York, Syracuse*
Texas A & M University*
Texas Tech University*
University of Texas at Arlington
Utah State University*
Virginia Polytechnic Institute & State University*
Virginia Polytechnic Institute & State University (Alexandria Campus)
University of Virginia
University of Washington*

List of new Graduate Programs in Landscape Architecture (not yet accredited)

Arizona State University (Planned for 2009)
Chatham College (Planned for 2009)
City University of New York
Clemson University
University of Texas at Austin
APPENDIX C
Example of the MLA curriculum for the 3-year First Professional degree (74 credits + 9 remedial)*

**FIRST YEAR**

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<th>Fall Semester</th>
<th>Credit</th>
<th>Spring Semester</th>
<th>Credit</th>
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<tr>
<td>LARC 640 Landscape Architecture</td>
<td>5</td>
<td>LARC 641 Site Planning and Design Studio</td>
<td>5</td>
</tr>
<tr>
<td>Design Fundamentals Studio</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LARC 450 Environmental Resources or</td>
<td>3</td>
<td>LARC 720 Environmental Analysis and Site</td>
<td>3</td>
</tr>
<tr>
<td>LARC 451 Sustainable Communities</td>
<td></td>
<td>Engineering</td>
<td></td>
</tr>
<tr>
<td>LARC 620 Digital and Graphic</td>
<td>3</td>
<td>LARC 460 Landscape and Identity</td>
<td>3</td>
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<tr>
<td>Communication</td>
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Remedial Requirements

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<td>LARC 263 History of Landscape Arch.</td>
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<tr>
<td>3</td>
<td>PLSC 253 Woody Plant Materials I</td>
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**SECOND YEAR**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credit</th>
<th>Spring Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>LARC 642 Graduate Studio I</td>
<td>5</td>
<td>LARC 648 Graduate Studio II (choice)</td>
<td>5</td>
</tr>
<tr>
<td>LARC 670 Landscape Architecture</td>
<td>2</td>
<td>LARC 671 Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>&amp; Criticism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LARC 721 Landscape Construction</td>
<td>3</td>
<td>LARC 661 Landscape and Human Behavior</td>
<td>2</td>
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<td>Methods and Materials</td>
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<td>Specialization elective</td>
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<tr>
<td>PLSC 798 Required Department Seminar</td>
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**THIRD YEAR**

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<th>Spring Semester</th>
<th>Credit</th>
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<tr>
<td>LARC 748 Graduate Studio III (choice)</td>
<td>6</td>
<td>LARC 799 Thesis or Creative Project</td>
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<tr>
<td>LARC 420 Professional Practice</td>
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<td>Specialization elective</td>
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</table>

* Student may take remedial courses prior to application to the program.
Example of the MLA curriculum for the 2-year Post-Professional degree (41 credits)

FIRST YEAR
Fall Semester                      | Credit | Spring Semester                          | Credit
LARC 642 Graduate Studio I        | 5      | LARC 648 Graduate Studio II (choice)     | 5
LARC 670 Land. Arch. Theory/ Criticism | 2      | LARC 671 Research Methods               | 3
PLSC 798 Required Department Seminar | 1      | LARC 698 Land. Arch. Colloquium          | 1
Specialization elective            | 3      | Specialization elective                  | 3
                                           | 11     |                                           | 12

SECOND YEAR
Fall Semester                      | Credit | Spring Semester                          | Credit
LARC 748 Graduate Studio III (choice) | 6      | LARC 799 Thesis or Creative Project      | 6
Specialization elective            | 3      | Specialization elective                  | 3
                                           | 9      |                                           | 9

Proposed New LARC Course Descriptions:

LARC 620 Digital and Graphic Communication (3 credits): This course integrates digital and analog methods of communication and provides an introduction to computer tools and techniques commonly used in landscape architecture practice. Non-drafting computer tools will be used to orient basic digital image capture, manipulation, and presentation formatting. Also includes techniques and application of various media for graphic communication associated with landscape architecture.

LARC 621 Digital Design Tools (3 credits): The development and application of computing tools as used by the landscape architecture profession. This Computer-Aided Design and Drafting (CADD) course develops computer drafting using a variety of software programs. It also introduces students to Geographic Information Systems (GIS) mapping technologies, computational representations and modeling of landscape processes and solution methods for problems involving the special arrangement of land use activities.

LARC 640 Landscape Architecture Design Fundamentals Studio (5 credits): 2 hours of lecture and 6 hours of studio per week. Principles and techniques of design as applied to shaping the landscape; developing concepts in visual thinking, environmental awareness, and design intervention through studio exercises and projects.

LARC 641 Site Planning and Design Studio (5 credits): 2 hours of lecture and 6 hours of studio per week. Principles and techniques of site analysis, environmental design and site development for human settlements and interaction with natural systems. This course will expand analytical skills through complex site design problems. Students will research, observe and apply low impact development and sustainable practices, become familiar with building and landscape types by investigating alternative arrangements on the land, and understand user needs and design for populations with a range of abilities. The course will support LEED and sustainable practices and acknowledge the requirements of public health, safety, and welfare.

LARC 642 Graduate Studio I (5 credits): 2 hours of lecture and 8 hours of studio per week. As a comprehensive landscape architecture studio, this exploration focuses on the interaction of landscape science (hydrology, geology, etc.) with the necessities and mechanisms of human settlements (transportation, economics, etc.), emphasizing innovative and forward thinking solutions to urbanization and ecological problems. It will apply this knowledge to landscape analysis, recreational planning and design, and community development, emphasizing resource management, spatial organization, landscape character, and the physical and social structure of community services. This course will be required for both Track 1 and Track 2 students.
LARC 648A Graduate Studio II (5 credits): 2 hours of lecture and 8 hours of studio per week. As a special topic comprehensive landscape architecture studio (variable and not repeatable), this exploration will focus on issues in landscape planning and design such as campus planning, urban housing and recreation, and neighborhood preservation, restoration and development. Projects will emphasize the value of responsible academic and civic landscapes, the place of historic resources in contemporary life, and innovative solutions for the integration of past and future landscapes.

LARC 648B Graduate Studio II (5 credits): 2 hours of lecture and 8 hours of studio per week. As a special topic comprehensive landscape architecture studio (variable and not repeatable), this advanced exploration will focus on issues in landscape planning and design such as brownfield rehabilitation and development, stream and wetland restoration in the urban environment, innovation in stormwater control and management, and the integration of landscape systems in urban planning and design.

LARC 661 Landscape and Human Behavior (3 credits): Analysis and discussion of human behavior in both natural and designed landscapes. Students will learn methods of observation and recording of behavioral activities with respect to individuals, groups, families, neighborhoods, communities, ethnic groups, and groups with special needs. Through lectures, case studies, field trips, readings, and discussions students will learn about major concepts in the field of environmental psychology and post-occupancy evaluation of outdoor environments. Students will study the user-needs approach in design and, in particular, the needs of disenfranchised groups potentially most affected by the physical environment—lower income families, the elderly, and people with disabilities—who have fewer choices for their living conditions.

LARC 670 Landscape Architecture Theory & Criticism (2 credits): Review and analysis of the body of literature concerning landscape architecture and relationships between humans and both natural and designed environments. Topics may include: rationalism, ethics, aesthetics, social and economic values, postmodernism, feminist, multiculturalism, ecological determinism, preservation/conservation, and sustainability and ecological design. Each week students will lead a debate and discussion on a different theoretical issue based on the assigned readings for that week.

LARC 671 Research Methods (3 credits): Investigation and discussion of a broad scope of research methods and the development of landscape design and planning research techniques and skills. The urban environment will be viewed primarily as a social and psychological environment, with concern for who uses these environments and the conflicts that can arise between user groups.

LARC 698 Landscape Architecture Colloquium (1 credit): This colloquium is an informal lecture series with speakers from academic and professional backgrounds addressing ecological design, landscape ecology, landscape design, urban design, environmental restoration, sustainable planning and environmental justice in the built environment. Speakers will present national and international perspectives. The success of the class relies on the participation and engagement between the students and the presenters.

LARC 720 Environmental Analysis and Site Engineering (3 credits): Techniques for prediction of alterations in social and natural processes brought about by human use of the land; application of such assessments to environmental management; basic methods of landscape alteration, augmentation, and control including grading, drainage, road and trail design, and stormwater management.

LARC 721 Landscape Construction Methods and Materials (3 credits): Basic methods of constructing landscapes and manipulating the appropriate plant and inorganic materials for the creation of ecologically sustainable environments for human use. An examination of the use, properties, and detailing of materials used in landscape construction.
LARC 748A Graduate Studio III (6 credits): 2 hours of lecture and 8 hours of studio per week. Advanced special topic comprehensive landscape architecture studio (variable and not repeatable). This studio exploration will focus on cultural and behavioral issues in the physical planning and design of urban landscapes.

LARC 748B Graduate Studio III (6 credits): 2 hours of lecture and 8 hours of studio per week. Advanced special topic comprehensive landscape architecture studio (variable and not repeatable). This studio exploration will focus on ecological design and restoration issues in the physical planning and design of urban landscapes.

LARC 799 Thesis (6 credits): Development of a terminal thesis on a problem in landscape architecture, designed to demonstrate comprehensive skills and knowledge achieved in the graduate program. The subject will be selected in consultation with an advisor and periodically reviewed with a committee headed by the advisor.
APPENDIX D

Budget

This budget assumes that one Landscape Architecture and/or Landscape Ecology faculty position will come from the Department of Plant Science and Landscape Architecture (Urban Landscapes Area of Excellence). Tuition cost estimates assume an average of 25 credits/year (1st Professional MLA) and 21 credits/year (Post-Professional); There will be approximately three 1st Professional MLA candidates for each Post-Professional candidate (3:1 ratio), for an average of 24 credits/year, or 12 credits/semester. An estimate of 20% non-resident students is assumed.

<table>
<thead>
<tr>
<th>Resources</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
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<td>5 Equipment and furniture</td>
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The University of Maryland Library resources are generally rich in the broad subject area of landscape architecture, although the resources are the least robust in the design aspects of landscape architecture.

The Collection: Monographs and Serials

The Architecture Library houses a collection of approximately 23,000 items including books and serials in the subject areas of architecture, landscape architecture and related topics including urban planning, historic preservation, drawing, design, and architectural technology. The collection is complemented by collections found in other University Libraries' locations, including McKeldin Library, Engineering and Physical Sciences Library, Government Documents and Maps, and Hornbake Library.

Because Landscape Architecture is an interdisciplinary subject field that draws from such disciplines as architecture, horticulture, forestry, ecology, and urban studies and planning, it is difficult to provide precise figures on the number of library materials that support this program. A spot check of our online catalog for the subject heading, "landscape architecture," retrieves 244 titles. The same online library catalog search was done using the online catalogs for University of Virginia, Penn State University, University of Georgia, and University of Florida. The search results are as follows: University of Virginia: 340 titles; Penn State: 380 titles; University of Georgia: 241 titles; and University of Florida: 256 titles. While this approach offers merely the broadest overview and does not consider specifics such as formats of materials (books, journals, multimedia, theses) and the ratio of English to non-English language publications at these institutions as compared with holdings at UM, it does suggest that UM library collections are significant, but lag slightly behind collections at other public institutions that offer graduate degrees in Landscape Architecture.

The Collection: Government Documents

As a regional depository library, University of Maryland Libraries has a comprehensive collection for the study of landscape architecture. Some of the agencies that publish relevant documents include: U.S. Geological Survey, United States Department of Agriculture, the National Center for Environmental Economics, National Park Service, USDA Forest Service, and the Bureau of Land Management.

A significant portion of Government Documents is found in the Map Collection, which is comprised of approximately 350,000 items, primarily from U.S. Government sources. Coverage includes all U.S. states, most U.S. territories and possessions, and some areas outside the U.S. There are two GIS (Geographic Information System) workstations and a collection of digital spatial data available as well. These are increasingly valuable resources for professionals and analysts.
The Collection: Marylandia and Rare Books/National Trust Library

Most current Maryland government information will be available on the Maryland State Agency Web sites. The UM Libraries’ Marylandia Collection acquires and maintains significant Maryland State documents in print, including, but not limited to: Maryland laws, regulations, court cases, budget and fiscal reports; Maryland Statistical Abstract; planning documents from such agencies as the Maryland-National Capital Park and Planning Commission and the Metropolitan Washington Council of Governments; environmental statements from the Maryland State Highway Administration; and task force reports on various topics of current interest from the Maryland General Assembly.

On a local level, the Marylandia Collection includes publications from regional planning agencies including the Baltimore Metropolitan Council, the Maryland-National Capital Park and Planning Commission, and the Metropolitan Washington Council of Governments. The National Trust for Historic Preservation Library has books on some aspects of landscape architecture as they relate to Historic Preservation.

The Collection: Electronic Resources

UM Libraries subscribes to the following important databases that will support a graduate program in landscape architecture: Avery Index to Architectural Periodicals, Art Index/Art Abstracts; Arts and Humanities Search, Bibliography of the History of Art; AGRICOLA; NTIS; ARTstor*, DAAI: Design and Applied Arts Index; Web of Science; and Compendex. The University of Maryland hosts the Landscape Architecture Image Resource (www.lair.umd.edu), a searchable database of images related to landscape architecture. It is also desirable to subscribe to BuildingGreen Suite, a database to which we do not currently subscribe, but which is available at most of our peer institutions [*The BuildingGreen Suite of online tools gives you the best information on green design in a subscription-based Web site format. This online resource features comprehensive, practical information on a wide range of topics related to sustainable building--from energy efficiency and recycled-content materials to land-use planning and indoor air quality.*]

* The Landscape Architecture Program is participating in the UM Libraries' Institutional Hosting Pilot with ARTstor; the Program has contributed images to this innovative pilot and UM Libraries staff has supported that effort by creating the necessary metadata. The high-resolution images can be accessed and used by the entire campus community.

Staff Resources

All staff in the Libraries' departments and service sites provides support to the curricular and research needs of academic departments at the University of Maryland. More direct support is provided by the Libraries' Life Sciences Team, with liaisons to Environmental Science and Policy and Natural Resource Sciences and Landscape Architecture; the Art and Architecture Team, with liaisons to the Architecture and Planning programs; Special Collections, staff serving the users of the National Trust and Marylandia Collections; and Government Documents, with a GIS librarian.

Funding

In order to provide support for the proposed program, at a level of adequacy commensurate with the profile of the program, the Libraries’ require $1,500 in ongoing funds. Moneys would be distributed as follows:

- $ 500 Monograph Purchases
- $1,000 Database Subscription
- $1,500 Total per annum
December 5, 2005

Jack Sullivan, Coordinator Landscape Architecture Program
Department of Plant Science and Landscape Architecture
2142 Plant Sciences Building
University of Maryland
College Park, MD 20742

Dear Jack,

I am writing this letter in support for your proposal for the creation of a Master of Landscape Architecture (MLA) degree program at the University of Maryland. I have reviewed the list of Environmental Science and Technology (ENST) courses and Natural Resource Management (NRMT) courses contained in the proposal and find them to be appropriate choices for MLA candidates.

I look forward to the establishment of the MLA program and to collaborating with you, your colleagues and your students. The MLA will be a valuable addition to the University, in general, and will undoubtedly be a springboard for advancing collaborative research and teaching efforts among students and faculty in the Department of Plant Science and Landscape Architecture and the Department of Environmental Science and Technology.

Best regards,

Frank J. Coale
Professor and Chair
October 31, 2006

MEMORANDUM

TO: Jack Sullivan, Coordinator
Landscape Architecture Program

FROM: Jim Cohen, Director
Urban Studies and Planning Program

RE: Support for the Master of Landscape Architecture Proposal

I am writing to express my enthusiastic support for your proposal for creation of a Master of Landscape Architecture (MLA) degree program at the University of Maryland. Also, I have read the list of Urban Studies and Planning Program courses contained in the proposal and find it to be accurate.

I look forward to the establishment of the MLA and to collaborating with you in the various aspects of the program. The MLA will be a valuable addition to the University in general, and to students and faculty in the School of Architecture, Planning and Preservation in particular.
October 26, 2006

Dr. Cheng-I Wei, Dean
College of Agriculture and Natural Resources
Dr. William Kenworthy, Chair
Department of Plant Science and Landscape Architecture

Dear Drs. Wei and Kenworthy,

On behalf of the faculty of the Graduate Program in Historic Preservation in the School of Architecture, Planning, and Preservation, I would like to strongly endorse your proposal for a new Graduate Program in Landscape Architecture, offering the degree of Master of Landscape Architecture (MLA). We feel that this program would continue to strengthen the University’s offerings in terms of the study and preservation of the built environment, and envision having a close connection with faculty and students in this new program. We are particularly excited in the cross-disciplinary perspectives to be gained from the addition of this program given the direction of our disciplines to better integrate our study and conservation of the natural and cultural environment.

As requested, I would like to make clear our commitment to work with you as you bring this new program to fruition and to commit that we have agreed to be a participating unit and allow MLA students to register for the historic preservation courses listed in your proposal (with appropriate stipulations on pre-requisites and space availability).

Once again, let me reiterate our strong endorsement of your proposed program and look forward to the possibility of our working together on this important new degree program.

Best Regards,

[Signature]

Donald W. Linebaugh, Ph.D.
Director, Graduate Program in Historic Preservation

c: Dr. Jack Sullivan, Associate Professor, Department of Plant Science and Landscape Architecture
Garth Rockcastle, Dean, School of Architecture, Planning, and Preservation
Dear Dr. Sullivan:

Dr. Mary Sies and I appreciated your invitation to review the proposal for the proposed masters’ degree in Landscape Architecture, and I especially appreciate your close attention to her suggestions. We support the proposal for the Master of Landscape Architecture (MLA) degree program here. Also, we find the American Studies courses included in the course list to be accurate and trust that you know the restrictions associated with AMST 601 and 603. We believe that the MLA will be a valuable addition to the graduate programs at the University of Maryland and wish you the best as you proceed.

Sincerely,

Dr. Nancy L. Struna
Professor & Chair
January 9th, 2007

Jack Sullivan, FASLA
Associate Professor and Coordinator
Landscape Architecture Program
University of Maryland
College Park, MD 20742-4452

Dear Jack

With reference to the new Master of Landscape Architecture program proposed by the Department of Plant Science and Landscape Architecture in the College of Agriculture and Natural Resources, the Department of Geology agrees to the use of its courses* as part of the program.

Yours sincerely,

Michael Brown
Professor of Geology
e-mail: nbrown@geol.umd.edu

* GEOL 437 Global Climate Change: Past and Present; GEOL 451 Groundwater; GEOL 452 Watershed and Wetland Hydrology; and, GEOL 652 Advanced Watershed and Wetland Hydrology
Thursday, January 11, 2007

Jack Sullivan, FASLA  
Associate Professor and Coordinator  
Landscape Architecture Program  
University of Maryland  
College Park, MD 20742-4452

RE: Proposal for a New Graduate Program in Landscape Architecture

Dear Jack:

I am writing in support of the Proposed Graduate Program in Landscape Architecture. As you know, the School of Architecture, Planning, and Preservation has a profound interest in seeing a Master of Landscape Architecture degree offered on the College Park campus. We believe that such a program would enhance not only the quality of teaching, scholarship/creative activity, and service in your College, but that it would be of great benefit to the School of Architecture, Planning, and Preservation and the University community as well.

We are willing to offer Master of Landscape Architecture students access to the following courses. To enroll in these courses, students will need to obtain permission of the Architecture Program advisor. This is consistent with registration procedures in all Architecture Program courses.

ARCH433 History of Renaissance Architecture; (3 credits) Schumacher, T.  
ARCH434 History of Modern Architecture; (3 credits) Etlin, R.  
ARCH63S Seminar in the History of Modern Architecture; (3 credits) Etlin, R.  
ARCH654 Urban Development Design and Theory: (3 credits) DuPuy, K.  
ARCH655 Urban Design Seminar: (3 credits) Bell, M.  
ARCH678D Selected Topics in Architecture: Urban Dialogues: Form, Space & Culture in the Chesapeake Region; (3 credits) Wortham, B  
ARCH678Q Social and Behavioral Factors in Architecture & Urban Design; (3 credits) Francescato, G. ARCH700 Urban Design Studio; (6 credits) Faculty varies.

The Architecture Program is willing to collaborate with the Landscape Architecture Program to offer studio content that is appropriate to students in both programs. When and where appropriate Master of Landscape Architecture students will be permitted to enroll in:

ARCH601 Topical Studio; (6 credits) (faculty varies)

The enrollment process for ARCH 601 is identical to the courses listed above. We understand that the Landscape Architecture Program will eventually offer similar course access opportunities to students enrolled in the Master of Architecture Program.
Establishment of a Masters Program in Landscape Architecture is timely and consistent with our School’s interest in environmental and urban issues. We believe that no landscape architecture program can be truly complete without interaction with its allied disciplines of architecture, planning, historic preservation, and real estate development. Likewise, we believe that the establishment of an accredited professional Master of Landscape Architecture degree will enhance our professional programs, which are all offered at the Masters level.

Please let me know if there is anything else I can do to assist you with the proposal.

Sincerely,

Brian Kelly, AIA
Associate Professor
Director, Architecture Program
301.405.4592
bkelly@umd.edu

cc: Garth Rockcastle, FAIA, Dean and Professor
Stephen F. Sachs, AIA, Associate Dean
Lee Waldrep, PhD, Associate Dean
Dear Dr. Sullivan;

Chris Justice, Acting Chair of Geography, asked me to contact you regarding your query about listing certain Geography graduate courses as possible electives in your Master of Landscape Architecture.

The Geography Department Teaching Committee has reviewed how often the listed Geography graduate courses are likely to be offered in the future. Please note the following about the courses you are proposing to list:

Geog 648B is now listed as Geog 614 and is currently offered every other year.

Geog 788E, 788I and 788J were used historically for cross-listing 400 level courses (Geog 431, Geog 456 and Geog 410). We no longer cross list 400 level courses at the 700 level. Therefore, these 700 level courses are not available for your students to take.

You may want to consider listing the following additional courses that we currently offer every other year:

Geog 615 Land use/Land cover
Geog 632 Economic Geography

Thanks,
Vivre

--
Vivre Bell
Director of Administration
Department of Geography
University of Maryland
College Park, Maryland 20742
Tel: (301) 405 4066
Fax: (301) 314 9299
Email: vbell@geog.umd.edu