The Department of Plant Science and Landscape Architecture is the home of the Agricultural Science and Technology, Landscape Architecture, and Plant Sciences majors. The Agricultural Science and Technology major is a science based curriculum that allows students to obtain technological skills in agricultural science, education, and production (Agronomy and Environmental Horticulture). The Landscape Architecture major trains students to become landscape architecture professionals who design and plan built environments that minimize impacts and restore natural ecosystems. The Plant Sciences major trains students in basic and applied plant biology. The Plant Sciences major contains concentrations in plant biology (pathology, ecology, genetics, physiology and development), turf and golf course management, and urban forestry.

**Programs**

**Majors**

- Landscape Architecture Major ([https://academiccatalog.umd.edu/undergraduate/colleges-schools/agriculture-natural-resources/plant-sciences-landscape-architecture/landscape-architecture-major](https://academiccatalog.umd.edu/undergraduate/colleges-schools/agriculture-natural-resources/plant-sciences-landscape-architecture/landscape-architecture-major))

**Minor**


**Advising**

The Department has mandatory faculty advising for each of its major and minor programs. Students are required to meet with their faculty advisor at least twice a year.

**Faculty Advisors**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Faculty Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGST: Agronomy</td>
<td>Bill Phillips, <a href="mailto:billii@umd.edu">billii@umd.edu</a></td>
</tr>
<tr>
<td>AGST: Environmental Horticulture</td>
<td>Chris Walsh, <a href="mailto:cswalsh@umd.edu">cswalsh@umd.edu</a></td>
</tr>
<tr>
<td>AGST: Agricultural Education</td>
<td>Melissa Welsh, <a href="mailto:drmwelsh@umd.edu">drmwelsh@umd.edu</a></td>
</tr>
<tr>
<td>Landscape Architecture</td>
<td>Dennis Nola, <a href="mailto:dnola@umd.edu">dnola@umd.edu</a></td>
</tr>
<tr>
<td>PLSC: Plant Biology</td>
<td>Gary Coleman, <a href="mailto:gcoleman@umd.edu">gcoleman@umd.edu</a></td>
</tr>
<tr>
<td>PLSC: Turf &amp; Golf Course Management</td>
<td>Mark Carroll, <a href="mailto:mcarroll@umd.edu">mcarroll@umd.edu</a></td>
</tr>
</tbody>
</table>

See Diana Cortez, Academic Advisor for Undergraduate Studies, in 2139 Plant Sciences Building (301-405-4359) for additional information.

**Opportunities**

**Undergraduate Research Experiences**

Students have abundant opportunities to conduct research with faculty from this department as well as related programs on campus. Research opportunities are also available at government laboratories such as USDA, NIH, etc.

**Internships**

Internships with scientists are available at nearby federal and state agencies. Numerous internships also exist and can be readily arranged for students interested in private sector employment.

**Student Societies and Professional Organizations**

Students from this major as well as any interested students on campus may participate in the Horticulture Club sponsored by the Department of Plant Science and Landscape Architecture.

**Scholarships and Financial Assistance**

Several scholarships and awards are available to PLSC students. Contact the Associate Dean’s office at 301-405-2078 for additional information. The Department also maintains a listing of scholarships. Contact the Executive Administrative Assistant in 2104A Plant Sciences, 301-405-4356 for additional information.

The Office of Student Financial Aid (OSFA) administers all types of federal, state and institutional financial assistance programs and, in cooperation with other university offices, participates in the awarding of scholarships to deserving students. For information, visit: [www.financialaid.umd.edu](http://www.financialaid.umd.edu).