The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may not be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.

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**REQUIRED COURSES (8 hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 5903</td>
<td>Bioinformatics: Applications</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 5913</td>
<td>Bioinformatics: Programming</td>
<td>3</td>
</tr>
<tr>
<td>PBIO 5971</td>
<td>Seminar in Botany (1 hour course, two semesters required)</td>
<td>2</td>
</tr>
</tbody>
</table>

**CORE COURSES (6 hours):**

Non-Host Department Courses: 5000- or 6000-level courses selected from outside the Botany department.

*Note: The two bioinformatics courses (BIOL 5903 and BIOL 5913) may not be used to satisfy the non-host department requirement.*

**ELECTIVES (10 hours):**

5000- and/or 6000-level courses. May include PBIO 5620, Investigations in Botany, and PBIO 5990 Special Studies in Botany.

**THESIS (6 hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBIO 5980</td>
<td>Research for Master’s Thesis</td>
<td>6</td>
</tr>
</tbody>
</table>

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**GENERAL REQUIREMENTS**

Minimum Total Hours ........................................ 30

THESIS ONLY

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**For Students Entering the Oklahoma State System for Higher Education:**

Summer 2017 through Spring 2018

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**Plant Biology: Bioinformatics**

M787-Q061

Master of Science

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Program effective SU04. Check sheet version 12/2014