The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective.

Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

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<thead>
<tr>
<th>Dept</th>
<th>Proposed</th>
<th>Effective Date</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
<td>{S}Change plan (major) name from Bachelor of Science in Biology - Botany to Bachelor of Science in Biology - Plant Biology</td>
<td>8-18</td>
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**Biology - Botany Plant Biology Option (120 Hours)**

**Fourth Year**

**First Term**

- BIOLOGY 403 or 405  
- BIOLOGY 409  
- Program Option Courses or Electives

**Second Term**

- BIOLOGY [CAPS] or HONORS 450
- Program Option Courses or Electives

- Complete School of Biological Sciences Exit Survey

**Footnotes**

1. MATH 106 may be taken as a pre-/co-requisite to CHEM 105 and other MATH courses. MATH 108 may also be needed.

2. Botany Plant Biology Program option courses should be selected in consultation with a biology advisor and include coursework to fulfill the University requirement of 40 upper division credits. All biology majors must complete 21 semester credits of biological coursework including 15 upper-division credits, 6 of which must be a BIOLOGY prefix taken in residence at WSU. Approved courses include 200-400-level BIOLOGY courses except those used to fulfill core requirements (BIOLOGY 106, 107, 301, 372, 403 or 405, BIOLOGY [CAPS] or HONORS 450), and any courses approved by advisor. A maximum of 4 credits of coursework graded S/F may be used toward fulfilling departmental requirements or program options and must be approved by advisor.

3. Students in Honors College complete HONORS 450 in lieu of a BIOLOGY [CAPS] course.
Leadership in Coaching Certificate

The Leadership in Coaching Certificate serves a fundamental and professional need to help prepare competent, ethical, and positive coaches for recreation and sport settings. Coaches play an important role in many communities and proper coaching technique, procedure, attitude and behavior are essential for effective and successful coaching of any sport or activity. Preparing coaching professionals fulfills a job segment for sport and recreation activities that include working with agencies such as school districts, parks and recreation, YMCA, Boys and Girls Club, Sky Hawks Sport Camps, specialized sport camps and clubs, etc. The intent of the certificate coursework is to provide coaching specific knowledge through analyzing and understanding sport industry trends, fitness and wellness concepts, coaching administration, leadership principles in physical activity and participating in supervised coaching practical.

Admittance:

1) Any current WSU student in good academic standing will be admitted into the program. Prerequisites for KINES 390 will be waived for any current student admitted into the certificate program who is not currently certified in Kinesiology.

2) Any non-degree seeking student who currently holds a BS or BA degree from an accredited institution can also apply for admittance into the certificate program. Any prerequisites for the courses within the certificate program will be waived for non-degree seeking students.

The Leadership in Coaching Certificate requires 15 credits. Required coursework includes SPMGT 101 or KINES 201; SPMGT 290; KINES 315; and KINES 399. Three additional required credits are earned in practical/applied coaching experience working with sports and recreational teams under the supervision of qualified coaches and leaders* through KINES 390 and/or SPMGT 394*.

*ASEP Certification and National Alliance for Youth Sport (NAYS) Certification