# Iowa Department of Education5-12 Agriculture Endorsement Checklist

**Endorsement 112: 5-12 Agriculture**

**Completion of 24 semester credit hours in agriculture and agriculture education to include:**

Foundations of vocational and career education.

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
| --- | --- | --- | --- | --- |
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Planning and implementing courses and curriculum.

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
| --- | --- | --- | --- | --- |
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Methods and techniques of instruction to include evaluation of programs and students.

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
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Coordination of cooperative education programs.

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
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Coursework in each of the following areas and at least three semester credit hours in five of the following areas:

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| --- | --- | --- | --- | --- | --- |
|  | **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
| (1) Agribusiness systems |  |  |  |  |  |
| (2) Power, structural, and technical systems |  |  |  |  |  |
| (3) Plant systems |  |  |  |  |  |
| (4) Animal systems |  |  |  |  |  |
| (5) Natural resources systems |  |  |  |  |  |
| (6) Environmental service systems |  |  |  |  |  |
| (7) Food products and processing systems |  |  |  |  |  |

**Content methods courses that cover the specific endorsement area and grade levels are required in addition to the content coursework and credits listed above.**

Methods of Teaching Secondary Agriculture

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
| --- | --- | --- | --- | --- |
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21.3(1) Adding an endorsement. To add an endorsement to an existing license, the applicant will follow one of these options:

a. Option 1. Receive the Iowa education institution’s recommendation that the current approved program requirements or state minimum requirements for the endorsement have been met.

b. Option 2. Apply for a review of transcripts, out-of-state licensure, or approved assessment score reports by the board of educational examiners’ staff to determine whether Iowa requirements have been met. Applicants will have achieved a C- grade or higher in the courses that will be considered for an endorsement. The methods course can be waived if the practitioner holds an endorsement in the same content area at a different level and teaches in the new content area successfully while holding a Class B license.