# Iowa Department of Education5-12 Physics Endorsement Worksheet

**Endorsement 156: 5-12 Physics.**

**Completion of 24 semester hours in physics or 30 semester hours in the broad area of science to include 15 semester hours in physics.**

**For holders of the mathematics 5-12 endorsement, completion of:**

**12 credits of physics to include coursework in mechanics, electricity, and magnetism; and**

**A methods class that includes inquiry-based instruction, resource management, and laboratory safety.**

**For holders of the chemistry 5-12 endorsement, completion of 12 credits of physics to include coursework in mechanics, electricity, and magnetism.**

Physics coursework

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
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Other science coursework

| **Course #** | **Course Title** | **Institution** | **Semester Hours** | **Year Completed** |
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**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 science.

| **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.