# Science – Content Areas, All, and Basic 5-12

Name:

## Options for Science endorsements

Your coursework may provide several options for teaching science grades 5-12. Your official analysis may provide feedback on your progress toward one or both options and additional endorsements.

**Option 1: Science - Basic**

Requirements for the endorsement #1541 Science - Basic include:   
Completion of 24 semester hours in science that includes 6 semester hours in each earth and space science, life science/biological science, physics/physical science, and chemistry covering the essential concepts and skills outlined below.

## Option 2: Science - All

Requirements for the endorsement #185 Science - All include:   
Completion of 36 semester hours in science that includes 9 semester hours in each earth and space science, life science/biological science, physics/physical science, and chemistry covering the essential concepts and skills outlined below.

## Option 3: Content area endorsements

Endorsements in specific content areas are granted in the following ways:

* 24 semester hours in the area, or
* 30 semester hours in science with at least 15 semester hours are earned in that content area

To view the subject/courses you can teach with these endorsements, visit the [Board of Educational Examiners website, BEDS information](https://boee.iowa.gov/beds-information).

Please indicate below the coursework you have completed in the following categories. Coursework must appear on your transcript for each institution.

### Earth and space science

| Course Number | Course Title | Institution | Semester Hours | Semester and Year Completed |
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### Chemistry

| Course Number | Course Title | Institution | Semester Hours | Semester and Year Completed |
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### Life science/biological science

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### Physics/physical science

| Course Number | Course Title | Institution | Semester Hours | Semester and Year Completed |
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