*Content Area Prerequisites Course Equivalents*

**Number** B310 **Credits** 4

**Course Title** Genetics

**Description** The principles underlying hereditary variation in living organisms are the focus of this course. These studies are centered about the transmission of hereditary traits, cytogenetics, basic gene concepts, some molecular biology, population genetics, and the genetic basis of evolution. Three class meetings and one three-hour laboratory period each week with several laboratory periods replaced with a one-hour lecture/discussion. Prerequisites: B110, B120.

**Number Course Title Distance Credits School**

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| BIOL 1101 | Introduction to Human Genetics | Traditional | 4 | Normandale Community College |
| BIOL 4003 | Genetics | Traditional | 3 | University of Minnesota |
| BIOL 301 | Human Genetics | Traditional | 5 | Metropolitan State University |
| BIOL 2300 | Genetics | Traditional | 4 | Rochester Community & Technical |
| BIO 306 | Genetics | Traditional | 3 | University of Wisconsin LaCrosse |
| BIOL 2210 | Genetics | Distance | 4 | Lake Superior College |
| BIOL 262 | Genetics | Traditional | 4 | St. Cloud State University |
| BIOL 1120 | Minnesota Nature Study | Traditional | 3 | Dakota County Technical College |
| BIOL 307 | Human Heredity: Principles and | Traditional | 2 | University of Wisconsin River Falls |
| BIOL 2240 | Genetics | Distance | 3 | Minnesota West Community and |
| BIO 310/311 | Genetics | Traditional | 3 | Winona State University |
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