

**CONCORDIA COLLEGE – MOORHEAD, MN**  
**Add-on Endorsement Option in General Science**

The following coursework prepares students to be recommended by the Concordia College Department of Education for Minnesota licensure add-on endorsement license in Minnesota of General Science – Grades 5-8.  
Courses fulfill standards for MN Rule 8710.4750

Students majoring in biology, chemistry, and physics education have the option of completing an add-on endorsement in General Science. This add-on endorsement program of study prepares students to be recommended for licensure in science in grades 5-8. This add-on endorsement requires a separate application for licensure.

**General Science 5-8**

**The requirements are 32 credits:**

<b>Course number</b>	<b>Course Name</b>	<b>Semester credits</b>	<b>Status</b>
BIOL 121	Cell Biology	4	
BIOL 122	Evolution and Diversity	4	
CHEM 127/128 <b>OR</b> CHEM 137/138	General Chemistry I & II <b>OR</b> Honors Chemistry I & II ( 4 cr each class)	8	
ESC 104	Introductory Astronomy: Solar System	4	
ESC 302/ENVR 302	Geology	4	
PHYS 111/112 <b>OR</b> PHYS 128/211	General College Physics I & II <b>OR</b> Physics for Scientists and Engineers I and II (4 cr each class)	8	