

SCIENCE WITH TEACHER CERTIFICATION

Effective Fall 2004

Options in Biology, Chemistry, Earth Science and Physics

GENERAL EDUCATION – 30 hours

Communication – 9 hours

ENG	1001G	3	_____
ENG	1002G	3	_____
SPC	1310G	3	_____

Social and Behavioral Sciences* – 9 hours

PLS 1153G / HIS 3600G	3	_____
_____	3	_____
_____	3	_____

Mathematics – 3-5 hours

Designated by Option

Senior Seminar – 3 hours

EIU	40_____	3	_____
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*One course must meet Cultural Diversity

(Any IAI course with “D” or “N” designation)

Foreign Language – 0-8 hours**

_____	_____	_____
_____	_____	_____

**Exempt if 2 or more years in high school with a “C” average

Humanities* – 9 hours

_____	HU	3	3	_____
_____	FA	3	3	_____
_____	HU/FA	3	3	_____

SCIENCE CORE – 35 hours

BIO	1100	4	_____
BIO	1200G	4	_____
BIO	1300G	4	_____
CHM	1310G/1315G	4	_____
CHM	1410/1415	4	_____

CHM	2730	3	_____
CHM	3100	1	_____
ESC	1300G	4	_____
ESC	1400G	4	_____
ESC	2450G	3	_____

OPTIONS

Biological Sciences – 38 hours

MAT	2250G	4	_____
BIO	2200	4	_____
BIO	3100	3	_____
BIO	3200	4	_____
BIO	3510 or BIO 3520	4	_____
BIO	3800	4	_____
BIO	4984	3	_____
PHY	1055G/1056G	4	_____
PHY	1151G/1152G	4	_____
PHY	1161G/1162G	4	_____

Earth Sciences – 38 hours

MAT	General Ed	3	_____
ESC	3200	3	_____
GEL	1430	4	_____
GEL	2440	3	_____
GEL	3405	4	_____
GEL	3420	3	_____
GEL	4490	3	_____
ESC	3410 or GEL 3510	3	_____
PHY	1055G/1056G	4	_____
PHY	1151G/1152G	4	_____
PHY	1161G/1162G	4	_____

Chemistry – 39-40 hours

MAT	1441G	5	_____
MAT	2442	5	_____
CHM	2310	3	_____
CHM	2430/2435	4	_____
CHM	3000	0	_____
CHM	3001	1	_____
CHM	3300	3	_____
CHM	3910	4	_____
CHM	3915 or CHM 3780	2-3	_____
PHY	1351G/1352G	4	_____
PHY	1361/1362	4	_____
PHY	3150	4	_____

Physics – 36 hours

MAT	1441G	5	_____
MAT	2442	5	_____
MAT	2443	4	_____
PHY	1351G/1352G	4	_____
PHY	1361/1362	4	_____
PHY	1371/1372	4	_____
PHY	3150	4	_____
PHY	3500	1	_____
PHY	4000	1	_____
PHY	4470	4	_____

PROFESSIONAL WORK

Regular Program Courses – 34 hours

SED	2000	1	_____
EDF	2555	3	_____
EDP	3331	3	_____
SED	3330	3	_____
BIO/PHS	3400	3	_____
EDF	4450	3	_____
SPE	3500	3	_____
STG	4000	1	_____
STG	4001	14	_____

Integrated Secondary Ed. Program (ISEP) – 28 hours

SED	2000	1	_____
EDF	2555	3	_____
SED	3000	3	_____
SED	3100	3	_____
BIO/PHS	3400	3	_____
SED	4000	3	_____
STG	4001	12	_____