

## Courses approved for Scientific Inquiry – Bachelor of Science Degree – 1999 – currently at Weber State University (6 credits needed)

College of Applied Science & Technology Courses			
AUSV	1320	Specialized Electricity and Electronics	4
ATTC	4220	Capstone Project	2
CS	1022	Software Development	4
CS	1023	Selected Programming Language	4
CS	1400	Fundamentals of Programming	4
CS	1410	Object-Oriented Programming	4
CS	2420	Introduction to Data Structures & Algorithms	4
CS	2650	Computer Architecture/Organization	4
CS	2450	Object Oriented Analysis & Design	4
CS	3750	Software Engineering	4
CMT	2330	Concrete Technology	3
CEET	3010	Advanced Circuit Analysis I	4
MFET	2300	Statics and Strength of Materials	5
MFET	2410	Quality Assurance & Improvement	3
MFET	3310/L	Material Selection & Heat Treat and Lab	4
MFET	4300	Design of Experiments	2
MFET	4600	Manufacturing Simulation	3
TBE	4710	Traffic Technology & Voice Network Design	3

College of Arts & Humanities Courses			
ENGL	3010	Intro to Linguistics	3
COMM	3150	Communication Research Methods	3

*These Scientific Inquiry courses cannot count toward General Education, but **can** count towards major/minor.*

John B. Goddard School of Business & Economics Courses			
BSAD	3500	Intro to Business Research	3
IS&T	2110	Software Development	3
SCM	3500	Computers Models/Applications	3
SCM	4410	Materials and Inventory Management	3
SCM	4600	Simulation	3
QUAN	2400	Business Calculus	3
QUAN	2600	Business Statistics I	3
QUAN	3610	Business Statistics II	3

Jerry and Vickie Moyes College of Education Courses			
CHF	3850	Current Research Methods in Child & Family Studies	3
HLTH	4013	Health Promotion Research & Assessment	3
PEP	3500	Kinesiology	3
PEP	3600	Measurement for Evaluation & Research	3
EDUC	4530	Principles & Apps of Special Ed. Assessment	3

Dr. Ezekiel R. Dumke College of Health Profession Courses			
CLS	3302	Advanced Clinical Laboratory Practices I	4
CLS	3314	Advanced Clinical Chemistry	3
DENT	2230	Oral Health Research & Statistics	2
DENT	4780	Baccalaureate Thesis	3
DMS	4143	Quality Assurance	3
HIM	3200	Epidemiology & Biostatistics	3
NUCM	4333	Quality Assurance	3
NRSG	3020	Nursing Research	2
NRSG	3030/31	Nursing Assmt Across the Lifespan with Clinical Exp	2/1
NRSG	4800	Guided Research	1-3
RADT	3443	Quality Assurance in Radiology	3
RADT	4943	Baccalaureate Thesis	3
RATH	4446	Quality Assurance	3
REST	3900	Clinical Simulation Seminar	2

College of Science Courses			
BTNY	LS1370	Principles of Life Science	3
BTNY	2104	Plant Form and Function	4
BTNY	2114	Evolutionary Survey of Plants	4
CHEM	PS1050	Intro to General, Organic & Biochemistry	5
CHEM	PS1110	Elementary Chemistry	5
CHEM	1120	Elementary Organic/Biochemistry	5
CHEM	PS1210	Principles of Chemistry I	5
CHEM	1220	Principles of Chemistry II	5
CHEM	1360	Principles of Physical Science	3
GEO	PS1030	Earthquakes & Volcanoes	3
GEO	PS1110	Dynamic Earth: Physical Geology & Lab	3
	1115	Both must be taken to receive credit for BS	1
GEO	PS1130	Intro to Meteorology	3
GEO	PS1350	Principles of Earth Science	3
GEO	3010	Oceanography and Earth Systems	3
MATH	1210	Calculus I	4
MATH	1220	Calculus II	4
MTHE	3060	Probability & Stats for Elementary Teachers	3
MTHE	3070	Geometry for Elementary Teachers	3
MTHE	3080	Number Theory for Elementary Teachers	3
MTHE	4040	Math Problem Solving for Elementary Teachers	3
MTHE	4100	Intuitive Calculus for Elementary Teachers	3
MICR	LS1370	Principles of Life Science	3
MICR	LS2054	Principles of Microbiology	4
PHYS	PS1010	Intro to Physics	3
PHYS	PS1040	Elementary Astronomy	3
PHYS	PS1360	Principles of Physical Science	3
PHYS	PS2010	College Physics I	5
PHYS	2020	College Physics II	5
PHYS	PS2210	Physics for Scientists & Engineers I	5
PHYS	2220	Physics for Scientists & Engineers II	5
ZOOL	1110	Principles of Zoology I	4
ZOOL	1120	Principles of Zoology II	4
ZOOL	LS1370	Principles of Life Science	3

Honors Program Courses			
HNRS	PS1500	Perspectives in the Physical Sciences	3

College of Social & Behavioral Sciences Courses			
ANTH	3400	Archaeological Laboratory Techniques	3
ANTH	4300	Anthropological Research Methods	3
CJ	3600	Criminal Justice Statistics	3
CJ	4980	Research Methods in Criminal Justice	3
GEOG	PS1000	Natural Environments of the Earth	3
GEOG	4050	Quantitative Methods in Geography	3
GEOG	4990	Research Seminar	3
GERT	3400	Methods of Research: Social & Behavioral Research	4
GERT	3600	Social Statistics	3
HIST	3000	Investigating History	
POLS	3990	Intro to Political Science Research	3
PSY	3600	Statistics in Psychology	3
PSY	3610	Research Methods in Psychology	4
SOC	3600	Social Statistics	3
SOC	3660	Sociological Research	3
SW	3700	Social Work Research	3



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