

Clusters

Brigham Young University-Idaho 2013-2014

College of Agriculture & Life Sciences

Department of Applied Plant Science

Event Planning Cluster		1500
<i>Take these courses:</i>		
AGBUS 232	Ag Sales and Merchandising	3
HORT 325	Interiorscaping	2
HORT 335	Flower Arranging	3
HORT 338A	Wedding Flowers Lab A	2
HORT 338R	Wedding Flowers	1-3
<i>Take 1 course:</i>		
APS 290R	Special Problems	1-3
HORT 287R	Flower Center	1
Total Credits		12

Horticulture

Horticulture		1501
<i>Take 12 credits:</i>		
APS 299R	Seminar (repeatable)	.05
APS 412	Landscape Pest Control	2
APS 413	Pesticide Application	2
HORT 103	Home Gardening	3
HORT 201	Plant Culture	3
HORT 230	Introduction to Architecture/Landscape Dsgn	3
HORT 252	Landscape Construction	4
HORT 287R	Flower Center (repeatable)	1
HORT 311	Introduction to Arboriculture	2
HORT 319	Landscape Management	3
HORT 320	Plant Propagation	3
HORT 321	Landscape Plant Materials 1	2
HORT 322	Landscape Plant Materials 2	2
HORT 324	Flower Identification	2
HORT 325	Interiorscaping	2
HORT 329	Irrigation	2
HORT 334	Greenhouse Operations	3
HORT 335	Flower Arranging	3
HORT 336	Asian Design Influence	1
HORT 337	European Design Influence	1
HORT 338A	Wedding Flowers Lab A	2
HORT 338B	Wedding Flowers Lab B	2
HORT 338R	Wedding Flowers	1-3
HORT 340	Landscape Computer	2
HORT 410	Turfgrass Management	3
HORT 420	Advanced Propagation	3
HORT 430	Intermediate Landscape Design	3
HORT 455	Nursery Management	2
HORT 460	Cut Flower Production	2
HORT 461	Potted Crop Production	2
HORT 470	Landscaping with Fruit and Vegetables	2
Total Credits		12

Natural Resources

Natural Resources		1502
<i>Take 4 courses:</i>		
BIO 225	Range Ecology 1	3
BIO 302	Ecology	4
BIO 325	Range Ecology 2	3
BIO 455	Rangeland Inventory & Analysis Lab	3
BIO 466	Rangeland Vegetation Manipulation & Improvement	3
Total Credits		12

Soil Management

Soil Management		1503
<i>Take these courses:</i>		
AGRON 220	Introduction to Soils	3
AGRON 321	Soil Fertility and Plant Nutrition	3
AGRON 325	Irrigation and Drainage	3
AGRON 425	Soil Management	3
Total Credits		12

Crop Production

Crop Production		1504
<i>Take these courses:</i>		
AGRON 310	Tree, Fruit and Vegetable Management	3
AGRON 330	Forage Crops	3
AGRON 435	Potato Science	3
AGRON 455	Cereal Science	3
Total Credits		12

Crop Protection

Crop Protection		1505
<i>Take these courses:</i>		
AGRON 321	Soil Fertility and Plant Nutrition	3
AGRON 325	Irrigation and Drainage	3
AGRON 445	Crop Advisor Certification	2
APS 412	Integrated Pest Management	2
APS 413	Crop Protection	2
Total Credits		12

GIS in Agriculture and Natural Resources

GIS in Agriculture and Natural Resources		1506
<i>Take these courses:</i>		
AGTEC 286	Introduction to GIS	3
AGTEC 474	Mechanical Systems Analysis	3
AGTEC 486	Advanced GIS in Agriculture and Natural Resources	3
<i>Take one course:</i>		
CIT 225	Database Design and Development	3
GEOG 240	Maps and Remote Sensing	3
GEOG 340	Advanced GIS and Spatial Analysis	3
Total Credits		12

Agriculture Technology

Agriculture Technology		1507
<i>Take these courses:</i>		
AGTEC 320	Agricultural Machinery	3
AGTEC 335	Electronic Systems Diagnostics and Repairs	4
AGTEC 360	Agricultural Hydraulics	4
AGTEC 474	Mechanical Systems Analysis	3
Total Credits		14

GIS

GIS		6801
<i>Take this courses:</i>		
GEOL 140	Introduction to GPS	1
<i>Take 1 course:</i>		
AGTEC 286	Introduction to GIS	3
GEOG 230	Introduction to GIS	3
<i>Take 1 course:</i>		
MATH 221A	Business Statistics	3
MATH 221B	Biostatistics	3
MATH 221C	Social Studies Statistics	3
<i>Take 1 course:</i>		
AGTEC 486	Advanced GIS in Agriculture and Natural Resources	3
GEOG 340	Advanced GIS and Spatial Analysis	3
GEOL 340	Introduction to GIS for Geoscientists	3
<i>Take 1 course:</i>		
CIT 111	Introduction to Databases	3
CIT 160	Introduction to Programming	3
COMM 130	Visual Media	3
Total Credits		13

Some courses may have a prerequisite that must be met in order to take that course.

Department of Animal and Food Science

Equine

Equine		1001
<i>Take these courses:</i>		
AS 220	Feeds and Nutrition	3
AS 247	Animal Handling	3
AS 340	Horse Production	4
AS 425	Advanced Nutrition	4
Total Credits		14

Animal Health

Animal Health		1002
<i>Take these courses:</i>		
AS 215	Anatomy/Physiology	4
AS 234	Veterinary Parasitology	2
AS 315	Animal Health	3
<i>Take one course:</i>		
AS 340	Horse Production	4
AS 350	Small Animal Production	4
AS 360	Beef Production	4
AS 370	Dairy Production	4
Total Credits		13

Animal Reproduction

Animal Reproduction		1003
<i>Take these courses:</i>		
AS 330	Artificial Insemination	2
AS 333	Livestock Genetics	3
AS 336	Animal Reproduction	3
AS 430	Advanced Reproduction	4
Total Credits		12

Natural Resources

Natural Resources		1004
<i>Take 4 courses:</i>		
BIO 225	Range Ecology 1	3
BIO 302	Ecology	4
BIO 325	Range Ecology 2	3
BIO 455	Rangeland Inventory & Analysis Lab	3
BIO 466	Rangeland Vegetation Manipulation & Improvement	3
Total Credits		12

Clusters

Brigham Young University–Idaho 2013-2014

Animal Production 1010

<i>Take these courses:</i>		
AS 150	Introduction to Livestock	3
AS 165	Livestock and Carcass	3
AS 220	Feeds and Nutrition	3
<i>Take one course:</i>		
AS 340	Horse Production	4
AS 350	Small Animal Production	4
AS 360	Beef Production	4
AS 370	Dairy Production	4
	Total Credits	13

Animal Nutrition 1011

<i>Take these courses:</i>		
AGRON 330	Forage Crops	3
AS 220	Feeds and Nutrition	3
AS 425	Advanced Nutrition	4
Chem 106	General Chemistry	4
	Total Credits	14

Beef Production 1012

<i>Take these courses:</i>		
AS 220	Feeds and Nutrition	3
AS 360	Beef Production	4
<i>Take 5 - 7 credits:</i>		
AS 247	Animal Handling	3
AS 330	Artificial Insemination	2
AS 333	Livestock Genetics	3
AS 336	Animal Reproduction	3
AS 355	Principles of Meat Science	4
AS 425	Advanced Nutrition	4
AS 430	Advanced Reproduction	4
	Total Credits	12

Human Nutrition 1020

<i>Take these courses:</i>		
NUTR 150	Essentials of Human Nutrition	3
NUTR 200	Nutrient Metabolism	3
<i>Take 6 credits:</i>		
CHEM 150*	Introduction to Organic and Biochemistry	5
NUTR 330*	Nutrition in the Life Cycle	3
NUTR 350*	Sports Nutrition	3
NUTR 400	Nutritional Biochemistry	3
	Total Credits	12

Food and Nutrition 1021

<i>Take this course:</i>		
NUTR 150	Essentials of Human Nutrition	3
<i>Take 1 course:</i>		
CA 160	Culinary Fundamentals	3
HFED 110	Introductory Foods	2
<i>Take 7 credits:</i>		
CA 260*	Applied Culinary Fundamentals	3
CA 310*	Culinary Nutrition	3
FS 120	Introduction to Food Service Sanitation	2
HFED 240*	Meal Management	2
NUTR 200*	Nutrient Metabolism	3
NUTR 330*	Nutrition in the Life Cycle	3
	Total Credits	12

*Course requires a prerequisite. See course description for more information

Department of Biology

Pre-Veterinary 1100

<i>Take these courses:</i>		
BIO 221	Microbiology	3
BIO 222	Microbiology Lab	1
BIO 375	Genetics and Molecular Biology	3
PH 105	Applied Physics 1	4
<i>Take one course:</i>		
BIO 180	General Biology	4
BIO 208	General Botany	4
	Total Credits	15

Recreation Therapy (Recreation Management Majors) 1101

<i>Take these courses:</i>		
BIO 264	Anatomy and Physiology 1	3
BIO 264L	Anatomy and Physiology Lab 1	1
BIO 265	Anatomy and Physiology 2	3
BIO 265L	Anatomy and Physiology Lab 2	1
<i>Take 4 credits:</i>		
BIO 240	Neurobiology	4
HS 280	Medical Terminology	2
HS 349	Sports Medicine	3
HS 349L	Sports Medicine Lab	1
HS 351	Gerontology	2
	Total Credits	12

Natural Resource (Recreation Management Majors) 1102

<i>Take this course:</i>		
BIO 202	Natural Resource Management	4
<i>Take 9 credits:</i>		
BIO 225	Range Ecology	3
BIO 307	Wildlife Law	3
BIO 351	Wildlife Management	3
BIO 423	Natural Resource Policy	3
GEOG 230	Introduction to GIS	3
GEOG 240	Maps and Remote Sensing	3
GEOG 340	Advanced GIS and Spatial Analysis	3
GEOL 440R	Applied GIS (Fall classes only)	3
	Total Credits	13

Neuroscience (Psychology Majors) 1103

<i>Take these courses:</i>		
BIO 240	Neurobiology	4
BIO 485	Advanced Neuroscience	4
<i>Take 4 credits:</i>		
BIO 180	General Biology	4
BIO 264	Anatomy & Physiology 1	3
BIO 264L	Anatomy & Physiology Lab 1	1
BIO 265	Anatomy & Physiology 2	3
BIO 265L	Anatomy & Physiology Lab 2	1
	Total Credits	12

Biological Illustrations (Art Majors) 1104

<i>Take these courses:</i>		
BIO 208	General Botany	4
BIO 460	Human Anatomy	4
<i>Take 7 credits:</i>		
BIO 204	Vertebrate and Invertebrate Strategies	4
BIO 209	An Evolutionary Survey of Plants	4
BIO 210	Plant Systematics	3
BIO 221	General Microbiology	3
BIO 331	General Entomology	3
BIO 380	Histology	4
BIO 445	Ichthyology	3
BIO 446	Ornithology	3
BIO 447	Mammalogy	3
	Total Credits	15

Microbiology 1105

<i>Take these courses:</i>		
BIO 221	General Microbiology	3
BIO 222	General Microbiology Lab	1
OR		
BIO 321	Microbiology	4
<i>Take 8-11 credits:</i>		
BIO 410	Immunology	4
BIO 411	Medical Microbiology	4
BIO 412	Virology	4
HS 370	Epidemiology	3
	Total Credits	12

Clusters

Brigham Young University-Idaho 2013-2014

Biotechnology/Forensics		1106
<i>Take these courses:</i>		
BIO 180	Introduction to Biology	4
BIO 375	Genetics	3
BIO 377	Techniques in Biochemistry and Molecular Biology	3
<i>Take one course:</i>		
BIO 376	Cell and Molecular Biology	3
CHEM 481	Biochemistry	4
Total Credits		13

Health Professions Prerequisites		1107
<i>Take 12-15 credits:</i>		
BIO 180	Introduction to Biology 1	4
BIO 181	Introduction to Biology 2	4
BIO 221	General Microbiology	3
BIO 222	General Microbiology Lab	1
BIO 321	Biology of Microorganisms	4
CHEM 105	General Chemistry 1	4
CHEM 106	General Chemistry 2	4
CHEM 351	Organic Chemistry 1	4
CHEM 352	Organic Chemistry 2	4
PH 105	Introduction to Applied Physics 1	4
PH 106	Introduction to Applied Physics 2	4
Total Credits		12

Pre-Profession		1200
<i>Take these courses:</i>		
BIO 180	Introduction to Biology 1	4
BIO 181	Introduction to Biology 2	4
<i>Take 5-7 credits:</i>		
BIO 375	Genetics	3
BIO 376	Cell and Molecular Biology	3
BIO 460	Advanced Anatomy	4
BIO 461	Principles of Physiology	5
CHEM 481	Biochemistry	4
Total Credits		13

Department of Health, Recreation and Human Performance

Exercise and Sports Science		1201
<i>Take these courses:</i>		
ESS 320	Motor Development	2
ESS 347	Sports Conditioning	2
ESS 375	Exercise Physiology	3
ESS 375L	Exercise Physiology Lab	1
NUTR 150	Nutrition	3
Choose any ESS 100 course		1
Total Credits		12

Coaching (Non-education)		1202
<i>Take these courses:</i>		
ESS 335	Advanced Sports Psychology	3
ESS 350	Evaluation and Administration	2
ESS 375	Exercise Physiology	3
ESS 375L	Exercise Physiology Lab	1
ESS 381	Strength Training Theory and Application	4
<i>Take 1 course:</i>		
ESS 341	Baseball Theory	2
ESS 342	Basketball Theory	2
ESS 343	Football Theory	2
ESS 344	Track & Field Theory	2
ESS 345	Volleyball Theory	2
ESS 346	Wrestling Theory	2
Total Credits		15

Professional Health		1203
<i>Take these courses:</i>		
BIO 264	Anatomy & Physiology 1	3
BIO 264L	Anatomy & Physiology Lab 1	1
ESS 320	Motor Development	2
ESS 375	Exercise Physiology	3
ESS 375L	Exercise Physiology Lab	1
HRHP 359	Introduction to Kinesiology and Biomechanics	3
Choose any ESS 100 course		1
Total Credits		14

Professional Training		1204
<i>Take these courses:</i>		
ESS 204	Aerobic Fitness Techniques	2
ESS 347	Sports Conditioning	2
ESS 375	Exercise Physiology	3
ESS 375L	Exercise Physiology Lab	1
ESS 381	Strength Training Theory and Application	4
HS 305	Health & Fitness Appraisal and Prescription	3
Total Credits		15

Aquatic Management		1205
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
B 101	Principles of Business Management	3
ESS 268	Water Safety Instruction	2
ESS 367	Lifeguarding Instructor	2
ESS 368	Aquatic Management	2
Total Credits		12

Inclusion		1206
<i>Take these courses:</i>		
CHILD 210	Child Development	3
ESS 366	Adaptive Education Special Population	2
RM 366	Adaptive Recreation Skills	3
RM 370*	Therapeutic Recreation	3
<i>Take 1 course:</i>		
ESS 100	Aerobic Fitness	1
ESS 101	Water Aerobics	1
ESS 102	Footwork, Agilities, Plyometrics	1
ESS 115	Military Physical Fitness	1
ESS 121	Softball	1
ESS 130	Body Weight Management	1
ESS 160	Swimming Beginning	1
ESS 161	Swimming Intermediate	1
ESS 178	Weight Training	1
ESS 179	Olympic Weight Training	1
Total Credits		12

*Check for course prerequisites

Outdoor Recreation		1207
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
RM 200	Recreation Leadership	3
<i>Take 4 credits:</i>		
RM 223 A-F,K,L	Skills Classes	2
RM 223G	Skills Classes	4
RM 224 A-F	Skills Classes	2
RM 225 A,B,D,F	Skills Classes	2
RM 225 C	Skills Classes	3
<i>Take 1 course:</i>		
BIO 352	Wildland Ecology and Range Plants	3
COMM 352	Persuasion	3
ESS 375	Exercise Physiology	3
RM 423	Resource Management	3
Total Credits		13

Health and Wellness		1300
<i>Take these courses:</i>		
HS 320	Introduction to Communicable and Non-Communicable Diseases	3
HS 420	Health Behavior Modules and Theories	2
HS 472	Health Communications	3
NUTR 150	Essentials of Human Nutrition	3
<i>Take 1 course:</i>		
HRHP 131	Personal Health and Fitness	2
HS 331	Women's Health Issues	3
<i>Take 1 course:</i>		
HS 222	Advanced First Aid	1
HS 223	Wilderness First Aid	3
Total Credits		14

Industrial Health		1301
<i>Take these courses:</i>		
HS 310	Environmental Health	3
HS 485	Toxicology	3
HS 486	Occupational Safety and Risk Management	3
HS 487	Introduction to Industrial Hygiene	3
Total Credits		12

Sports Medicine		1302
<i>Take these courses:</i>		
BIO 265	Anatomy & Physiology 2	3
BIO 265L	Anatomy & Physiology Lab 2	1
HS 349	Sports Medicine	3
HS 349L	Sports Medicine Lab	1
HS 355R	Athletic Training Clinical Experience	1-3
HRHP 359	Introduction to Kinesiology and Biomechanics	3
Total Credits		12

Public Health		1303
<i>Take 1 course:</i>		
HS 285	Hospital and Health Administration	3
HS 360	Community and Public Health Administration	2
<i>Take these courses:</i>		
HS 310	Environmental Health	3
HS 370	Epidemiology	3
HS 420	Health Behavior Theories/Models	2
MATH 221B	Biostatistics	3
Total Credits		13

Clusters

Brigham Young University-Idaho 2013-2014

Emergency Care		1304
<i>Take these courses:</i>		
HS 223	Wilderness First Aid	3
HS 349	Sports Medicine	3
HS 349L	Sports Medicine Lab	1
PARA 181	EMT Basic	7
Total Credits		14

General Recreation Management		1305
<i>Take these courses:</i>		
RM 200	Recreation Leadership	3
RM 343	Experiential Education/Adventure Challenge Leadership	3
<i>Take 2 courses:</i>		
RM 301	Family Recreation	3
RM 304	Leisure in Society	3
RM 320	Program Management	3
RM 486	Legal Aspects and Risk Management of Leisure Services	3
Total Credits		12

Rehabilitative Recreation Therapy (for Recreation Mgmt Majors)		1307
<i>Take these courses:</i>		
BIO 240	Neurobiology	4
HS 280	Medical Terminology	2
HS 349	Sports Medicine	3
HS 349L	Sports Medicine Lab	1
HS 351	Gerontology	2
Total Credits		12

Healthcare Administration		1308
<i>Take these courses:</i>		
HS 280	Medical Terminology	2
HS 285	Hospital and Health Services Administration	3
HS 390	Planning, Implementing, and Evaluation	3
MA 106	Medical Law and Ethics	2
<i>Take 1 course:</i>		
HS 360	Community and Public Health Administration	2
HS 378	Healthcare Strategy	3
Total Credits		12

Department of Nursing

Non-Nursing		1400
<i>Take these courses:</i>		
NURSF 301	Family Nursing Skills-Adult	4
NURSF 302	Family Nursing Skills-Women's Health	4
NURSF 303	Family Nursing Skills-Children	4
Total Credits		12

College of Business and Communication

Department of Accounting

Financial Accounting (for non-business majors)		2000
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
ACCTG 301	Intermediate Financial Accounting 1	3
ACCTG 302	Intermediate Financial Accounting 2	3
Total Credits		12

Accounting Information Systems (for non-business and non-CIT majors)		2001
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
ACCTG 333	Advanced Spreadsheet Applications	3
ACCTG 356	Accounting Information Systems	3
Total Credits		12

Tax Accounting (for non-business majors)		2002
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
ACCTG 321	Income Tax 1	3
ACCTG 322	Income Tax 2	3
Total Credits		12

Financial Accounting (For Business Majors)		2003
<i>Take these courses:</i>		
ACCTG 301	Intermediate Financial Accounting 1	3
ACCTG 302	Intermediate Financial Accounting 2	3
ACCTG 344	Auditing	3
ACCTG 403	Advanced Accounting	3
Total Credits		12

Tax Accounting (For Business Majors)		2004
<i>Take these courses:</i>		
ACCTG 301	Intermediate Financial Accounting 1	3
ACCTG 302	Intermediate Financial Accounting 2	3
ACCTG 321	Income Tax 1	3
ACCTG 322	Income Tax 2	3
Total Credits		12

Accounting Information Systems (For Business Majors)		2005
<i>Take these courses:</i>		
ACCTG 301	Intermediate Financial Accounting 1	3
ACCTG 302	Intermediate Financial Accounting 2	3
ACCTG 333	Advanced Spreadsheet Applications	3
ACCTG 356	Accounting Information Systems	3
Total Credits		12

General Accounting (For Business Majors)		2006
<i>Take these courses:</i>		
ACCTG 301	Intermediate Financial Accounting 1	3
ACCTG 321	Income Tax 1	3
ACCTG 344	Auditing	3
ACCTG 356	Accounting Information Systems	3
Total Credits		12

No double counting of major, minor or cluster courses

Department of Business

General Business		2100
<i>Take this course:</i>		
ACCTG 180	Survey of Accounting	3
<i>Take 1 course</i>		
B 101	Introduction to Business	3
B 211	Business Fundamentals I	4
<i>Take 1 course :</i>		
AGBUS 210	Agricultural Economics	3
ECON 150	Economic Principles and Problems - Micro	3
B 201	Introduction to Finance	3
B 275	Business Law and Legal Environment	3
<i>Take 3 credits:</i>		
B 301	Financial Management	3
B 321	Organizational Effectiveness	3
B 341	Marketing Management	3
B 361	Production and Operations Management	3
B 370	Human Resource Management	3
B 380	Introduction to International Business	3
B 383	Large Business Creation	3
B 483	Entrepreneurial Management	3
Total Credits		12

General Business (For Accounting Majors)		2101
<i>Take these courses:</i>		
B 321	Organizational Effectiveness	3
B 341	Marketing Management	3
B 361	Operations Management	3
B 499A	Principles of Business Strategy	3
Total Credits		12

Clusters

Brigham Young University-Idaho 2013-2014

Administrative Assistant		2103
<i>Take these courses:</i>		
B 129	Office Procedures	3
B 240	Advanced Word Processing	3
B 370	Human Resource Management	3
<i>Take 3 credits:</i>		
ACCTG 180	Survey of Accounting	3
ACCTG 205	Accounting Software	2
B 201	Introduction to Finance	3
B 211	Business Fundamentals 1	4
B 370	Human Resource Management	3
CIT 110	Micro-Applications for Business	3
CIT 230	Web Frontend Development	3
COMM 130	Visual Media	3
COMM 175	Communication Essentials	2
COMM 310	Creating Online Media	3
COMM 339	Event Management	3
Total Credits		12

Real Estate (Non-Business Majors)		2106
<i>Take these courses:</i>		
ACCTG 180	Survey of Accounting	3
DCM 100	Introduction to Architecture and Construction	3
B 225	Fundamentals of Real Estate	3
B 413	Real Estate	3
Total Credits		12

Real Estate (Business Majors)		2107
<i>Take these courses:</i>		
DCM 100	Introduction to Architecture and Constructions	3
B 225	Fundamentals of Real Estate	3
B 413	Real Estate	3
<i>Take 1 course:</i>		
DCM 120	Framing Systems	3
CONST 210*	Finishing Systems	3
CONST 330*	Construction Estimating	3
CONST 350*	Soils and Equipment	3
Total Credits		12

*Prerequisites need to be met

Business Fundamentals		2109
<i>Take the following courses:</i>		
ACCTG 201	Financial Accounting	3
B 211	Business Fundamentals 1	4
ECON 150	Economic Principles and Problems - Micro	3
<i>Take one course:</i>		
ACCTG 205	Accounting Software	2
ART 392	Business for the Professional Artist	2
B 225	Fundamentals of Real Estate	3
B 250	Web Business 1	3
B 275	Business Law and the Legal Environment	3
B 283	Small Business Creation	3
B 301	Financial Management	3
B 321	Organizational Effectiveness	3
B 341	Marketing Management	3
B 361	Production and Operations Management	3
B 370	Human Resource Management	3
B 413	Real Estate	3
HS 285	Hospital and Health Administration	3
Total Credits		12

Human Resource Management		2111
<i>Take this course:</i>		
B 370	Human Resource Management	3
<i>Take 9 credits:</i>		
B 321*	Organizational Effectiveness	3
COMM 150	Interpersonal Theory and Practice	3
COMM 450	Conflict Management	3
SOC 323	Race and Ethnic Relations	3
Total Credits		12

*Business majors cannot take B 321 as an option for this cluster

Finance Cluster (Application Only, see Advising)		2112
<i>Take these courses as one 12-credit class during one semester:</i>		
<i>Take these courses:</i>		
B 401	Advanced Financial Management	3
B 410	Investments	3
B 428	Real Estate Management	1
B 433	Personal Finance	1
<i>Choose 1 of the following tracks:</i>		
Advanced Investments and Capital Markets		
<i>Take these courses:</i>		
B 411	Advanced Investments	3
B 424	Finance Law for Corporate and Advanced Investments	1

Banking and Corporate Financial Management		
<i>Take these courses:</i>		
B 424	Finance Law for Corporate and Advanced Investments	1
B 432	Corporate Financing and Banking	3

New Venture Financing		
<i>Take these courses:</i>		
B 424D	Legal Aspects of Financing New Ventures	1
B 475	Financing New Ventures	3
Total Credits		12

Supply Chain Management Cluster (Application Only, see Advising)		2113
<i>Take these courses as one 12-credit class during one semester:</i>		
<i>Take these courses:</i>		
B 461	Supply Chain Risk and Flexibility Management	3
B 466	Global Sourcing	3
B 468	Logistics Management	3
B 478	Supply Chain Analysis and Modeling	3
Total Credits		12

Marketing (Application Only, see Advising)		2114
<i>Take these courses as one 12-credit class during one semester:</i>		
<i>Take these courses:</i>		
B 439	Project Management	1
B 443	Marketing Research Skills	2
B 446	Consumer Behavior	2
B 448	Marketing Law	1
B 452	Sales and Negotiations	2
B 453	Marketing Strategy Research	2
<i>Take 2 credits from:</i>		
B 451	Internet Marketing	2
OR		
B 457	Retail Management	1
and		
COMM 231A	Basic Advertising Skills: Creative Development	1
Total Credits		12

Entrepreneurship		2115
<i>Take 12 credits:</i>		
B 183	Introduction to Entrepreneurship	3
B 250	Web Business	3
B 283	Small Business Creation	3
B 383	Large Business Creation	3
B 483	Entrepreneurial Management	3
Total Credits		12

Clusters

Brigham Young University–Idaho 2013-2014

Department of Communication		
Advertising		2200
<i>Take these courses:</i>		
COMM 130	Visual Media	3
COMM 230	Advertising Principles and Practices	3
COMM 330	Advertising Creative Development and Writing	3
<i>Take 3 credits:</i>		
COMM 322	New Media Strategies and Tactics	3
COMM 380	Media Research Methods	3
COMM 385	Media Strategy and Planning	3
Total Credits		12
Public Relations		2205
<i>Take these courses:</i>		
COMM 235	Public Relations Principles and Practices	3
COMM 335	Public Relations Writing and Production	3
<i>Take 6 credits:</i>		
COMM 322	New Media Strategies and Tactics	3
COMM 339	Events Management	3
COMM 380	Media Research Methods	3
COMM 385	Media Strategy and Planning	3
Total Credits		12
Media Sales and New Ventures		2207
<i>Take these courses:</i>		
COMM 320	New Media Content Creation	3
COMM 322	New Media Strategies and Tactics	3
COMM 332	Media Sales and Account Management	3
<i>Take 3 credits:</i>		
COMM 273	Professional Presentations	3
COMM 280	Communication Research Fundamentals	3
COMM 352	Persuasion	3
Total Credits		12
Professional Presentations		2208
<i>Take these courses:</i>		
COMM 102	Public Speaking	3
COMM 130	Visual Media	3
COMM 273	Professional Presentations	3
COMM 352	Persuasion	3
Total Credits		12
Visual Communication		2210
<i>Take these courses:</i>		
COMM 130	Visual Media	3
COMM 300	Digital Imaging	3
COMM 310	Creating Online Media	3
COMM 462	Advanced Visual Media	3
Total Credits		12
Communication Management		2211
<i>Take these courses:</i>		
COMM 150	Interpersonal Theory and Practice	3
COMM 250	Organizational Principles and Practices	3
COMM 350	Group Dynamics	3
COMM 450	Conflict Management and Negotiation	3
Total Credits		12
Video		2212
<i>Take this course:</i>		
COMM 297R	Communication Practicum 1/AVID	1
<i>Take these courses:</i>		
COMM 260	Broadcast Media Principles and Practices	3
COMM 360	Multimedia Video Journalism	3
<i>Take 6 credits:</i>		
COMM 240	Newsgathering Principles and Practices	3
COMM 265	Video and Film Production Essentials	3
COMM 365	Short Film and Web-Video Producing	3
COMM 465	Documentary and Corporate Video Production	3
Total Credits		13
News/Journalism		2213
<i>Take these courses:</i>		
COMM 111	Writing for Communication Careers	3
COMM 240	Newsgathering Principles and Practices	3
<i>Take 6 credits:</i>		
COMM 340	Advanced Media Writing	3
COMM 342	Editing Essentials	3
COMM 360	Multimedia Video Journalism	3
COMM 440	News in the 21st Century	3
Total Credits		12

Department of Computer Information Technology		
Generic CIT		2500
<i>Take these courses:</i>		
CIT 160	CIT Fundamentals	3
CIT 230	Web Design	3
CIT 240	Networking	3
CIT 336	Web Development	3
Total Credits		12
Programming		2501
<i>Take these courses:</i>		
CIT 111	Introduction to Databases	3
CIT 160	CIT Fundamentals	3
CIT 260	Object Oriented Programming 1	3
CIT 261	Mobile Application Development	3
Total Credits		12
Networking		2502
<i>Take these courses:</i>		
CIT 240	Networking	3
CIT 241	Network Design	3
CIT 353	Operating Systems 1	3
CIT 370	Systems Security	3
Total Credits		12
Web		2503
<i>Take these courses:</i>		
CIT 111	Introduction to Databases	3
CIT 230	Web Design	3
CIT 336	Web Development	3
<i>Take 1 course:</i>		
COMM 130	Visual Media	3
CS 371	Human-Computer Interaction	3
Total Credits		12
Project Lifecycle		2504
<i>Take these courses:</i>		
CIT 111	Introduction to Databases	3
CIT 160	CIT Fundamentals	3
CIT 380	Project Management	3
CIT 485	Enterprise Applications	3
Total Credits		12
CIT/ACCOUNTING		2505
<i>Take these courses:</i>		
ACCTG 333	Advanced Spreadsheet Applications	3
ACCTG 356	Accounting Information Systems	3
CIT 111	Introduction to Databases	3
CIT 160	CIT Fundamentals	3
Total Credits		12

Department of Economics		
<i>(No Double Counting between Major, Minor and Cluster courses)</i>		
General Economics		2300
<i>Take this course:</i>		
ECON 151	Economic Principles and Problems - Macro	3
<i>Take 1 course:</i>		
AGBUS 210	Agriculture Economics	3
ECON 150	Economic Principles and Problems - Micro	3
<i>Take 2 courses:</i>		
ECON 215	Quantitative Methods	4
ECON 255	Financial Analytics	3
ECON 278	Statistics for Economists	3
ECON 300	Managerial Economics	3
ECON 330	Economic History and Thought	3
ECON 358	International Economics	3
ECON 381	Intermediate Macroeconomics	3
Total Credits		12
Economics and Finance (For Business Majors Only)		2301
<i>Take 12 credits:</i>		
ECON 255	Financial Analytics	3
ECON 300	Managerial Economics	3
ECON 358	International Economics	3
ECON 453	Money, Banking and Financial Markets	3
ECON 455	Financial Economics	3
Total Credits		12

Clusters

Brigham Young University-Idaho 2013-2014

Law and Economics		2302
<i>Take these courses:</i>		
ECON 151	Economic Principles and Problems - Macro	3
ECON 440	Law and Economics	3
<i>Take 1 course:</i>		
AGBUS 210	Agriculture Economics	3
ECON 150	Economic Principles and Problems - Micro	3
<i>Take 1 course:</i>		
ECON 278	Statistics for Economists	3
ECON 330	Economic Thought and History	3
ECON 444	Regional Economics	3
ECON 475	Public Economics	<u>3</u>
	Total Credits	12
Public Administration		2303
<i>Take this course:</i>		
ECON 151	Economic Principles and Problems - Macro	3
<i>Take 1 course:</i>		
AGBUS 210	Agriculture Economics	3
ECON 150	Economic Principles and Problems - Micro	3
<i>Take 2 courses:</i>		
ECON 300	Managerial Economics	3
ECON 444	Regional Economics	3
ECON 475	Public Economics	<u>3</u>
	Total Credits	12
General Economics (For Business Majors Only)		2304
<i>Take this course:</i>		
ECON 300	Managerial Economics	3
<i>Take 9 credits:</i>		
ECON 215	Quantitative Methods	4
ECON 255	Financial Analytics	3
ECON 278	Statistics for Economists	3
ECON 330	Economic Thought and History	3
ECON 381	Intermediate Macroeconomics	3
ECON 440	Law and Economics	3
ECON 444	Regional Economics	3
ECON 453	Money, Banking, and Financial Markets	<u>3</u>
	Total Credits	12
Law and Economics (For Business Majors Only)		2305
<i>Take this course:</i>		
ECON 440	Law and Economics	3
<i>Take 9 credits:</i>		
ECON 278	Statistics for Economists	3
ECON 330	Economic Thought and History	3
ECON 444	Regional Economics	3
ECON 475	Public Economics	<u>3</u>
	Total Credits	12
Agribusiness		2307
<i>Take these courses:</i>		
AGBUS 210	Agriculture Economics	3
AGBUS 347	Agricultural Marketing	3
AGBUS 450	Agribusiness Management	3
<i>Select 2 classes from the following:</i>		
AGBUS 410	Agriculture Policy & Trade	3
AGBUS 420	Agribusiness Operations Management	3
AGBUS 430	Agriculture Price Analysis	3
AGBUS 435	Agriculture Commodity Marketing	<u>3</u>
	Total Credits	15

Clusters

Brigham Young University-Idaho 2013-2014

College of Education and Human Development

Department of Home and Family		
Child Development		3000
<i>Take this course:</i>		
CHILD 210	Child Development	3
<i>Take 6 credits:</i>		
CHILD 300	Infant/Toddler Development	3
CHILD 310	Early Childhood Development	3
CHILD 320*	Adolescent Development	3
<i>Take 3 credits:</i>		
CHILD 340	Language, Literacy and Learning	2
FAML 120	Parenting Skills	1
FAML 160	Family Relations	3
FAML 220	Parenting	3
NURSF 110	Pregnancy	1
SOC 383	Juvenile Delinquency	3
Total Credits		12
Infant/Toddler		3001
<i>Take these courses:</i>		
CHILD 210	Child Development	3
CHILD 300	Infant/Toddler Development	3
ECD 350	Early Child Development: Toddler Core Principles	3
ECD 350L	Early Childhood Development Lab Experience With Toddlers	2
NURSF 110	Pregnancy	1
Total Credits		12
Early Childhood		3002
<i>Take these courses:</i>		
CHILD 120	Infant and Toddlers	1
CHILD 150	Foundations of Early Childhood	3
CHILD 210	Child Development	3
CHILD 230	Curriculum for Young Children	3
CHILD 340*	Language, Literacy and Learning	2
Total Credits		12
Family Studies		3003
<i>Take these courses:</i>		
FAML 160	Family Relations	3
FAML 220	Parenting	3
FAML 300	Marriage	3
<i>Take 3 credits:</i>		
CHILD 210	Child Development	3
FAML 100	The Family	3
FAML 110	Marriage Skills	1
FAML 120	Parenting Skills	1
FAML 200	Preparation for Marriage	2
FAML 360	Family Stress and Coping	3
FAML 400	Family Theories and Dynamics	3
FAML 420	The Helping Relationship	3
FAML 430	Family & Community Relations	3
FAML 460*	Child and Family Advocacy	2
HFED 160	Home & Family Management	3
HFED 340	Money Management	3
NURSF 110	Pregnancy	1
SOC 311	Family Interaction	3
Total Credits		12
Sewing		3004
<i>Take these courses:</i>		
HFED 207	Clothing Construction 1	2
HFED 245	Pattern Making	3
HFED 307	Advanced Sewing Construction	4
HFED 345	Fitting and Alterations	3
HFED 360	Textiles	3
Total Credits		15
The Home		3005
<i>Take these courses:</i>		
HFED 140	Architecture and Interior Design	3
HFED 150	Practical Homemaking	2
HFED 160	Home and Family Management	3
HFED 221	Home Decor	2
HORT 103	Home Gardening	3
Total Credits		13
Home and Family Living		3006
<i>Take these courses:</i>		
HFED 110	Introductory Foods	2
HFED 160	Home & Family Management	3
HFED 207	Clothing Construction 1	2
HFED 340	Money Management	3
NUTR 150	Essentials of Human Nutrition	3
Total Credits		13

*Course requires a possible prerequisite. See course description for more information.

Department of Psychology		
No Double Counting of Cluster Courses - No Grade Less than C-		
Psychology: Business		3100
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
PSYCH 355	Industrial Organizational Psychology	3
<i>Take 6 credits:</i>		
PSYCH 310	Culture and Gender	3
PSYCH 341	Personality	3
PSYCH 350	Social Psychology	3
PSYCH 365	Motivation and Emotion	3
PSYCH 376	Cognition	3
Total Credits		12
Psychology: Health Sciences		3101
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
PSYCH 342	Abnormal Psychology	3
<i>Take 6 credits:</i>		
PSYCH 201	Development Psychology Lifespan	3
PSYCH 322	Adult Development	3
PSYCH 365	Motivation and Emotion	3
PSYCH 384	Behavioral Neurobiology	3
Total Credits		12
Psychology: Parenting		3102
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
PSYCH 201	Developmental Psychology Lifespan	3
<i>Take 6 credits:</i>		
CHILD 210	Child Development	3
CHILD 320	Adolescent Development	3
PSYCH 240	Psychology of Effective Living	3
PSYCH 310	Culture and Gender	3
PSYCH 350	Social Psychology	3
PSYCH 361	Principles of Behavioral Learning	3
PSYCH 365	Motivation and Emotion	3
Total Credits		12
Psychology: Pre-Health Professions		3103
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
AND		
PSYCH 342	Abnormal Psychology	3
OR		
PSYCH 201	Development Psychology Lifespan	3
<i>Take 6 credits:</i>		
BIO 240	Neurobiology	4
PSYCH 201	Development Psychology Lifespan	3
PSYCH 342	Abnormal Psychology	3
PSYCH 365	Motivation and Emotion	3
PSYCH 370	Sensation and Perception	3
PSYCH 384	Behavioral Neurobiology	3
Total Credits		12
Psychology: Recreation Management		3104
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
PSYCH 201	Development Psychology Lifespan	3
PSYCH 342	Abnormal Psychology	3
<i>Take 3 credits:</i>		
PSYCH 240	Psychology of Effective Living	3
PSYCH 310	Culture and Gender	3
PSYCH 341	Personality	3
PSYCH 350	Social Psychology	3
PSYCH 365	Motivation and Emotion	3
Total Credits		12
Psychology: Sociology		3105
<i>Take these courses:</i>		
PSYCH 111	General Psychology	3
PSYCH 350	Social Psychology	3
<i>Take 6 credits:</i>		
PSYCH 201	Developmental Psychology Lifespan	3
PSYCH 310	Culture and Gender	3
PSYCH 322	Adult Development	3
PSYCH 341	Personality	3
PSYCH 342	Abnormal Psychology	3
PSYCH 365	Motivation and Emotion	3
PSYCH 376	Cognition	3
Total Credits		12

Clusters

Brigham Young University–Idaho 2013-2014

Psychology: Research Methods		3106
<i>Take these courses:</i>		
CS 124	Introduction to Software Development	3
MATH 221C	Social Science Statistics	3
PSYCH 302	Research Methods	3
SOC 340	Research Methods	3
Total Credits		12

Introduction to Psychology		3107
<i>Take these courses:</i>		
MATH 221C	Social Science Statistics	3
PSYCH 111	General Psychology	3
PSYCH 112	Career Development in Psychology	1
PSYCH 302	Research Methods	3
PSYCH 311	History and Systems of Psychology	3
Total Credits		13

Industrial Organizational Psychology		3108
<i>Take these courses:</i>		
PSYCH 111	Introduction to Psychology	3
PSYCH 302	Research Methods	3
PSYCH 355	Industrial Organization Behavior	3
<i>Take 1 course:</i>		
B 212	Business Fundamentals 2	4
MATH 221B	Biostatistics	3
MATH 221C	Social Science Statistics	3
<i>Take 1 course:</i>		
B 370	Human Resource Management	3
COMM 250	Introduction to Organizational Comm.	3
COMM 380	Media Research Methods	3
COMM 450	Conflict Management	3
HS 390	Program Planning and Implementation	3
HS 486	Occupational Safety and Risk Management	3
PSYCH 350	Social Psychology	3
Total Credits		15

Note: It is the students responsibility to take the proper prerequisite courses.

Department of Sociology and Social Work

Criminology		3200
<i>Take this course:</i>		
SOC 330	Criminology	3
<i>Take 9 credits:</i>		
SOC 120	Introduction to Criminal Justice	3
SOC 205	Criminal Investigations	3
SOC 206	Police in America	3
SOC 355	Law and Society	3
SOC 383	Juvenile Delinquency	3
SOC 395R	Direct Study (Criminology related)	1-3
SOC 420	Drugs and Society	3
SOC 440	Correction	3
Total Credits		12

Sociology		3201
<i>Take 1 course:</i>		
SOC 111	Introduction to Sociology	3
SOC 112	Social Problems	3
<i>Take 9 credits:</i>		
SOC 230	Sociology Explorations	3
SOC 311	Family Interaction	3
SOC 323	Race and Ethnic Relations	3
SOC 360	Religions Impact on Society	3
SOC 383	Juvenile Delinquency	3
SOC 420	Drugs and Society	3
Total Credits		12

Department of Teacher Education

Please note that the Education Clusters will not allow a student to teach in public schools.

General Education		3300
<i>Take these courses:</i>		
ED 200	History and Philosophy of Education	2
ED 304	Educational Psychology	3
<i>Take 7 credits:</i>		
CHILD 210	Child Development	3
ED 109	Introduction to Education	2
ED 206	Technology and Teacher Productivity	1
ED 241	Elementary Early Field Experience	3
ED 242	Motivation and Management	2
ED 312	Culture and Diversity	2
ED 402	Linguistically Diverse Students - Assessment	3
	Any Secondary Content Methods**	2-3
Total Credits		12

*Prerequisite of ED 361 or any Sec. Content Methods Course

Elementary Literacy		3301
<i>Take these courses:</i>		
ED 200	History and Philosophy of Education	2
ED 344	Comprehensive Literacy 1	3
ED 345	Comprehensive Literacy 2	3
<i>Take 4 credits:</i>		
ED 312	Culture and Diversity	2
ED 346	Literacy Practicum	1
ED 402	Linguistically Diverse Students - Assessment	3
ED 441	Language Arts Methods	2
ENG 355	Children's Literature	3
Total Credits		12

Educational/School Psychology		3302
<i>Take these courses:</i>		
ED 424	ECSE Assessment	4
SPED 310	Exceptional Students (P-6th Grade)	3
<i>Take 5 credits:</i>		
ED 344	Comprehensive Literacy 1	3
ED 345	Comprehensive Literacy 2	3
ED 402	Linguistically Diverse Students	3
SPED 422	Emotional and Behavioral Disorders	2
SPED 423	Autism Spectrum Disorders	2
Total Credits		12

Elementary Methods of Teaching		3303
<i>Take these courses:</i>		
CHILD 210	Child Development	3
ED 200	History and Philosophy of Education	2
ED 242	Motivation and Management	2
<i>Take 6 credits:</i>		
ED 341	Elementary Art Methods	2
ED 342	Elementary Music Methods	2
ED 343	Elementary P.E. Methods	2
ED 442	Elementary Math Methods	2
ED 443	Elementary Science Methods	2
ED 444	Elementary Social Studies Methods	2
Total Credits		13

Education		3305
<i>Take these courses:</i>		
ED 200	History and Philosophy of Education	2
ED 242	Motivation and Management	2
ED 304	Development, Cognition, and Understanding	3
<i>Take 5 credits:</i>		
CHILD 210	Child Development	3
ED 109	Introduction to Education	2
ED 206	Educational Technology	1
	Any Secondary Content Methods**	2-3
Total Credits		12

**Secondary Method Content Courses

AGED 452	Methods of Teaching Agriculture	3
ART 414	Secondary Art Methods 2	3
BIO 405	Teaching Methods for the Biological Sciences	3
CHEM 405	Chemistry Teaching Methods	2
ENG 430	Teaching English in Secondary Schools	3
GEOL 405	Methods of Teaching Earth Science	3
HIST 405	Secondary Methods - Social Science	3
HFED 405	Methods of Teaching Family and Consumer Sciences	3
MATH 490	Secondary Education Mathematics Teaching Methods	2
MUSIC 487	Teaching Strategies	2
PH 403	Methods of Physics Teaching	2
SPAN 377	Spanish Teaching Methods	3
TA 405	Theatre and Speech Methods	3

Clusters

Brigham Young University-Idaho 2013-2014

College of Language and Letters

Department of History/Geography/Political Science			
Geography		4000	
<i>Take these courses:</i>			
GEOG 101	Introduction to Physical Geography	3	
GEOG 101L	Physical Geography Lab	1	
GEOG 120	Geography and World Affairs	3	
GEOG 230	Introduction to GIS	3	
GEOG 350	Cultural Geography	<u>3</u>	
	Total Credits	13	
Geographic Information Systems (GIS)		4001	
<i>Take these courses:</i>			
CIT 160	CIT Fundamentals	3	
CIT 225	Database Design and Development	3	
GEOG 240	Maps and Remote Sensing	3	
<i>Take 1 course:</i>			
AGTEC 286	Introduction to Geographical Information Systems in Agriculture and Natural Resources	3	
GEOG 230	Introduction to GIS	3	
<i>Take 1 course:</i>			
GEOG 340	Advanced GIS and Spatial Analysis	3	
GEOL 440R	Applied GIS (Fall classes only)	<u>3</u>	
	Total Credits	15	
American History		4002	
<i>Take these courses:</i>			
HIST 101	Introduction to the Study of History	3	
HIST 260	United States History to 1820	3	
HIST 262	United States History 1820-1920	3	
HIST 264	United States History Since 1920	3	
HIST 300	Writing and Research in History	<u>3</u>	
	Total Credits	15	
World History		4004	
<i>Take these courses:</i>			
HIST 101	Introduction to the Study of History	3	
HIST 220	World History to 1350	3	
HIST 222	World History 1350-1789	3	
HIST 224	World History Since 1789	3	
HIST 300	Writing and Research in History	<u>3</u>	
	Total Credits	15	
International Studies		4005	
<i>Take these courses:</i>			
POLSC 170	International Politics	3	
POLSC 390	American Foreign Policy	3	
<i>Take 1 course:</i>			
ANTH 101	Introduction to Anthropology	3	
GEOG 350	Cultural Geography	3	
INTST 342	Russian Culture	3	
INTST 344	Western Europe Culture	3	
INTST 345	Chinese Culture	3	
INTST 350	Latin American Culture	3	
<i>Take 1 course:</i>			
HIST 310	Modern European History	3	
HIST 326	Modern Middle East	3	
HIST 330	The Far East	3	
HIST 335	Africa Since 1400	3	
HIST 340	Latin America	<u>3</u>	
	Total Credits	12	
Political Science - American Politics		4006	
<i>Take these courses:</i>			
POLSC 110	American Government	3	
POLSC 311	State and Local Government	3	
POLSC 314	The Executive Branch	3	
POLSC 315	The Legislative Branch	<u>3</u>	
	Total Credits	12	
Political Science - International Politics		4007	
<i>Take these courses:</i>			
POLSC 150	Foreign Government	3	
POLSC 170	International Politics	3	
POLSC 372	Advanced Theory of International Relations	3	
POLSC 390	American Foreign Policy	<u>3</u>	
	Total Credits	12	
Pre-Law		4008	
<i>Take 12 credits:</i>			
B 275	Business Law	3	
COMM 102	Public Speaking	3	
COMM 150	Interpersonal Theory Practice	3	
COMM 307	Ethics and Legal Issues	3	
ENG 450	Rhetorical Studies	3	
PHIL 205	Introduction to Logic	3	
PHIL 313	Introduction to Ethics	3	
POLSC 280	Introduction to Law	3	
POLSC 316	Judicial Branch	3	
POLSC 380	US Constitutional History and Law	<u>3</u>	
	Total Credits	12	
Department of Languages and International Studies			
Chinese Elementary*		4117	
<i>Take these courses:</i>			
CHIN 101	Beginning Mandarin 1	4	
CHIN 102	Beginning Mandarin 2	4	
CHIN 201	Intermediate Mandarin 1	<u>4</u>	
	Total Credits	12	
Chinese Fluent Speakers		4116	
<i>Take these courses:</i>			
CHIN 101	Beginning Mandarin 1	4	
CHIN 102	Beginning Mandarin 2	4	
CHIN 201	Intermediate Mandarin 1	4	
<i>Take 1 course:</i>			
CHIN 202	Intermediate Mandarin 2	4	
CHIN 301	Advanced Mandarin 1	3	
CHIN 302	Advanced Mandarin 2	3	
CHIN 345	Chinese Culture	3	
CHIN 347	Chinese Literature in Translation	3	
CHIN 377	Chinese Teaching Methods	<u>3</u>	
	Total Credits	15	
French Elementary*		4118	
<i>Take these courses:</i>			
FR 101	Beginning French 1	4	
FR 102	Beginning French 2	4	
FR 201	Intermediate French 1	<u>4</u>	
	Total Credits	12	
French Fluent Speakers		4113	
<i>Take these courses:</i>			
FR 101	Beginning French 1	4	
FR 102	Beginning French 2	4	
FR 201	Intermediate French 1	4	
<i>Take 1 course:</i>			
FR 202	Introduction to French Literature	3	
FR 321	Advanced Grammar and Composition	3	
FR 377	French Teaching Methods	3	
FR 400	French Civilization and Culture	3	
FR 410	Masterpieces of Francophone Literature	<u>3</u>	
	Total Credits	15	
German Elementary*		4120	
<i>Take these courses:</i>			
GER 101	Beginning German 1	4	
GER 102	Second Semester German	4	
GER 201	Second Year German	<u>4</u>	
	Total Credits	12	

Clusters

Brigham Young University–Idaho 2013-2014

German Fluent Speaker		4114
<i>Take these courses:</i>		
GER 101	Beginning German 1	4
GER 102	Second Semester German	4
GER 201	Second Year German	4
<i>Take 1 course:</i>		
GER 202	Introduction to German Literature	3
GER 321	Advanced Grammar and Composition	3
GER 377	German Teaching Methods	3
GER 400	German Civilization and Culture	3
GER 410	German Literature	3
Total Credits		15

Russian Elementary*		4119
<i>Take these courses:</i>		
RUSS 101	Beginning Russian 1	4
RUSS 102	Beginning Russian 2	4
RUSS 201	Intermediate Russian 1	4
Total Credits		12

Russian Fluent Speaker		4115
<i>Take these courses:</i>		
RUSS 101	Beginning Russian 1	4
RUSS 102	Beginning Russian 2	4
RUSS 201	Intermediate Russian 1	4
<i>Take 1 course:</i>		
RUSS 202	Intermediate Russian 2	4
RUSS 301	Third Year Russian Part 1	3
RUSS 302	Third Year Russian Part 2	3
RUSS 340	Russian Literature in Translation	3
RUSS 342	Russian Culture	3
RUSS 377	Russian Teaching Methods	3
Total Credits		15

Spanish Elementary*		4121
<i>Take these courses:</i>		
SPAN 101	Beginning Spanish 1	4
SPAN 102	Beginning Spanish 2	4
SPAN 201	Second Year Spanish	4
Total Credits		12

Spanish Fluent Speaker*		4111
<i>Take these courses:</i>		
SPAN 101	Beginning Spanish 1	4
SPAN 102	Beginning Spanish 2	4
SPAN 201	Second Year Spanish	4
<i>Take 1 course:</i>		
SPAN 302*	Advanced Readings in Hispanic Literature	3
SPAN 321	Advanced Grammar and Composition	3
Total Credits		15

Spanish Native Speaker*		4112
<i>Take this course:</i>		
SPAN 321	Advanced Grammar and Composition	3
<i>Take 9 credits:</i>		
SPAN 325	Phonetics and Conversation	3
SPAN 339	Introduction to Literary Analysis	3
SPAN 350	Hispanic Civilization and Culture	3
SPAN 441	Masterpieces of Spanish Literature	3
SPAN 451	Masterpieces of Spanish-American Literature	3
Total Credits		12

Other Languages		4110
<i>Take these courses in one language of choice:</i>		
101	Language of Choice	4
102	Language of Choice	4
201	Language of Choice	4
<i>Take 1 course:</i>		
LANG 321	Advanced Grammar in Languages	3
LANG 400	Civilization and Culture	3
LANG 410	Language and Literary Traditions	3
Total Credits		15

*Note for test takers. At least 1 course must be taken on campus, and a cluster cannot be comprised only of test credits.

Note: Any 12 credit language cluster that includes LANG 321 or beyond would also be acceptable for a pre-approved cluster. See the Language and Letters Advising Center for examples of this option.

International Studies		4005
<i>Take these courses:</i>		
POLSC 170	International Politics	3
POLSC 390	American Foreign Policy	3
<i>Take 1 course:</i>		
ANTH 101	Introduction to Anthropology	3
GEOG 350	Cultural Geography	3
INTST 342	Russian Culture	3
INTST 344	Western Europe Culture	3
INTST 345	Chinese Culture	3
INTST 350	Latin American Culture	3
<i>Take 1 course:</i>		
HIST 310	Modern European History	3
HIST 326	Modern Middle East	3
HIST 330	The Far East	3
HIST 335	Africa Since 1400	3
HIST 340	Latin America	3
Total Credits		12

TESOL		4122
<i>Take these courses:</i>		
ED 312	Culture and Diversity	2
ED 313	Culture and Diversity Practicum	1
ED 402	Linguisticall or Diverse Students Assessment and Strategy	3
TESOL 200	Fundamentals of TESOL	3
TESOL 377	TESOL Teachings Methods	3
Total Credits		12

Department of English

Reading for a Lifetime		4200
<i>Take these courses:</i>		
ENG 350R	Themes in Literature	3
ENG 355	Children's Literature	3
ENG 356	Young Adult Literature	3
ENG 373	Shakespeare	3
Total Credits		12

Genre Study		4201
<i>Take these courses:</i>		
ENG 351	Fiction	3
ENG 352	Poetry	3
ENG 353	Drama	3
ENG 354	Nonfiction	3
Total Credits		12

Creative Writing		4203
<i>Take these courses:</i>		
ENG 218	Creative Writing	3
ENG 318R	Advanced Creative Writing	3
<i>Take 2 courses:</i>		
ENG 351	Fiction	3
ENG 352	Poetry	3
ENG 353	Drama	3
ENG 354	Nonfiction	3
ENG 355	Children's Literature	3
ENG 356	Young Adult Literature	3
ENG 370R	Major Authors	3
ENG 418R	Creative Writing and Publishing	3
Total Credits		12

Professional Writing & Editing		4205
<i>Take these courses:</i>		
ENG 252	Fundamentals of Research and Presentation	3
ENG 321	Technology for Professional Writers	3
ENG 326	Beginning Editing	3
ENG 452	Advanced Editing	3
Total Credits		12

Rhetoric and Composition		4206
<i>Take these courses:</i>		
ENG 325	Theory and Practice of Language	3
ENG 327	History of the English Language	3
ENG 354	Nonfiction	3
ENG 450	Rhetorical Studies	3
Total Credits		12

Clusters

Brigham Young University-Idaho 2013-2014

Literature		4204
<i>Take this course:</i>		
ENG 251	Fundamentals of Literary Interpretation	3
<i>Take 3 courses:</i>		
ENG 331	Medieval and Renaissance	3
ENG 332	Neoclassic and Romantic	3
ENG 333	Victorian and Modern	3
ENG 334	Colonial and Romantic	3
ENG 335	Realistic and Modern	3
ENG 336	British & American Literature - Contemporary (1965 -Present)	3
ENG 350R	Themes in Literature	3
ENG 351	Fiction	3
ENG 352	Poetry	3
ENG 353	Drama	3
ENG 354	Nonfiction	3
ENG 355	Children's Literature	3
ENG 356	Young Adult Literature	3
ENG 370R	Major Authors	3
ENG 373	Shakespeare	3
	Total Credits	12

Introduction to English Studies		4207
<i>Take these courses:</i>		
ENG 251	Fundamentals of Literary Interpretation	3
ENG 252	Fundamentals of Research and Presentation	3
<i>Take 1 course:</i>		
ENG 314	Advanced Research and Literary Analysis	3
ENG 321	Technology for Professional Writers	3
<i>Take 1 course:</i>		
ENG 325	Theory of Language -- Grammar & Usage	3
ENG 326	Editing	3
ENG 327	History of English Language	3
	Total Credits	12

Department of Humanities and Philosophy		4300
Humanities		
<i>Take 12 credits:</i>		
<i>Please note: At least one cluster course must be upper division.</i>		
HUM 201	The Arts in Western Culture: Pre-historic to Renaissance	3
HUM 202	The Arts in Western Culture: Renaissance to Modern	3
HUM 250	Critical Thinking and Analysis in the Arts	3
HUM 316	American Humanities	3
HUM 333	Spirituality in the Arts	3
HUM 342	Humanities in the Islamic World	3
HUM 376	The Classical Heritage	3
HUM 385	Travel Studies	1-3
HUM 497R	Senior Seminar	3
	Total Credits	12

Philosophy		4301
<i>Take 12 credits:</i>		
<i>Please note: At least one cluster course must be upper division.</i>		
PHIL 110	Philosophical Reasoning	3
PHIL 201	Ancient and Medieval Philosophy	3
PHIL 202	Modern Philosophy	3
PHIL 205	Critical Thinking and Logic	3
PHIL 305	Symbolic Logic	3
PHIL 313	Introduction to Ethics	3
PHIL 314	History and Philosophy of Science	3
PHIL 315	Philosophy of Religion	3
PHIL 497R	Topics in Philosophy	3
	Total Credits	12

Ancient Languages		4302
<i>Take 4 courses:</i>		
GREEK 101	Ancient Greek 1	4
GREEK 102	Ancient Greek 2	4
GREEK 211	Readings in Ancient Greek	3
HEB 101	Biblical Hebrew 1	3
HEB 102	Biblical Hebrew 2	3
LATIN 101	Latin 1	4
LATIN 102	Latin 2	4
	Total Credits	13

English Language & Usage (for Humanities Majors only)		4303
<i>Take these courses:</i>		
ENG 314	Advanced Research & Literary Analysis	3
ENG 325	Theory and Practice of Language - Grammar and Usage	3
<i>Take 2 courses:</i>		
COMM 102	Public Speaking	3
ENG 218	Creative Writing	3
ENG 252	Fundamentals of Research & Presentation	3
ENG 321	Technology for Professional Writers	3
ENG 326	Beginning Editing	3
ENG 327	History of the English Language	3
	Total Credits	12

Clusters

Brigham Young University-Idaho 2013-2014

College of Performing and Visual Arts

Department of Music		
Instrumental Music 5400		
<i>Take these courses:</i>		
MUSIC 101	Music and Humanities	2
MUSIC 171	Basic Musicianship	2
<i>Take a minimum of 1 course for 2 credits:</i>		
MUSIC 158	Applied Music Instruction	
A,C,E-T, X, Z (Take 2 semesters for 2 credits)		1
MUSIC 160	Private Lessons	2
A,C,E-T, Z		
<i>Take 4 semesters:</i>		
MUSIC 324	Jazz Combo	1
MUSIC 325	RixStix Percussion	1-3
MUSIC 327	RixStix Drumline	1
MUSIC 328	Jazz Lab Band	1-2
MUSIC 329	University Band	1-2
MUSIC 330	Sound Alliance	1-2
MUSIC 331	Symphony Band	1-2
MUSIC 339	Baroque Ensemble	1
MUSIC 340	University Orchestra	1-2
MUSIC 341	String Chamber Music	1
MUSIC 342A	Symphony Orchestra Strings	1-3
MUSIC 342B	Symphony Orchestra Winds	1-3
MUSIC 343A	Chamber Woodwinds	1
MUSIC 343B	Chamber Brass	1
MUSIC 345	Harp Ensemble	1
MUSIC 346	Flute Ensemble	1
MUSIC 348	Saxophone Ensemble	1
<i>Take a minimum of 2 semesters for 2 credits:</i>		
MUSIC 158	Applied Music Instruction	1
A,C,E-T, X, Z (Take 2 semesters for 2 credits)		
MUSIC 160	Private Lessons	2
A,C,E-T, Z		
MUSIC 324	Jazz Combo	1
MUSIC 325	RixStix Percussion	1-3
MUSIC 327	RixStix Drumline	1
MUSIC 328	Jazz Lab Band	1-2
MUSIC 329	University Band	1-2
MUSIC 330	Sound Alliance	1-2
MUSIC 331	Symphony Band	1-2
MUSIC 339	Baroque Ensemble	1
MUSIC 340	University Orchestra	1-2
MUSIC 341	String Chamber Music	1
MUSIC 342A	Symphony Orchestra Strings	1-3
MUSIC 342B	Symphony Orchestra Winds	1-3
MUSIC 343A	Chamber Woodwinds	1
MUSIC 343B	Chamber Brass	1
MUSIC 345	Harp Ensemble	1
MUSIC 346	Flute Ensemble	1
MUSIC 348	Saxophone Ensemble	1
Total Credits		12
Organ 5401		
<i>Take these courses:</i>		
MUSIC 101	Music and Humanities	2
MUSIC 158B	Applied Music Instruction (2 semesters for 2 credits)	1
MUSIC 171	Basic Musicianship	2
MUSIC 185	LDS Hymns and Doctrine	2
<i>Take 1 course:</i>		
MUSIC 106	Group Organ Instruction	2
MUSIC 158B	Applied Music Instruction (2 semesters for 2 credits)	1
<i>Take a minimum of 2 semesters for 2 credits:</i>		
MUSIC 312M	University Choir - Men	1-2
MUSIC 312W	University Choir - Women	1-2
MUSIC 313	Women's Glee	1-2
MUSIC 315	Men's Choir	1-2
MUSIC 316	Women's Choir	1-2
MUSIC 317	Opera Workshop	1
MUSIC 318	Vocal Union	1-2
MUSIC 319	Collegiate Singers	1-2
Total Credits		12
Piano 5402		
<i>Take 4 credits (take this course 4 times):</i>		
MUSIC 158A	Applied Music Instruction (4 semesters)	1
<i>Take these courses:</i>		
MUSIC 265	Piano Pedagogy 1A (for 3 credits)	1-3
MUSIC 363A	Piano Pedagogy 2A (Supervisory)	2
MUSIC 363B	Piano Pedagogy 2B (Supervisory)	2
MUSIC 491	Piano Teaching 3	1
Total Credits		12
Vocal Music 5403		
<i>Take 1 course:</i>		
MUSIC 104	Group Vocal Instruction	2
MUSIC 155	Introductory Vocal Methods	2
<i>Take this course:</i>		
MUSIC 158D	Music Lessons	1
<i>Take these courses:</i>		
MUSIC 165A	Diction for Singers I	2
MUSIC 171	Basic Musicianship	2
MUSIC 256	Piano Skills	1
MUSIC 308	Conducting	1
<i>Take 4 semesters:</i>		
MUSIC 312 M	or W University Choir	1-2
MUSIC 313	Women's Glee	1-2
MUSIC 315	Men's Choir	1-2
MUSIC 316	Women's Choir	1-2
MUSIC 317	Opera Workshop	1
MUSIC 318	Vocal Union	1-2
MUSIC 319	Collegiate Singers	1-2
Total Credits		13
General Music 5405		
<i>Take these courses:</i>		
MUSIC 101	Music and Humanities	2
MUSIC 171	Basic Musicianship	2
MUSIC 185	Hymns and Doctrine	2
<i>Take 2 courses:</i>		
MUSIC 104	Group Vocal Instruction	2
MUSIC 155	Introductory Vocal Methods	2
MUSIC 158 A-U, X, Z	Music Lessons (may be repeated)	1
<i>Take a minimum of 4 semesters for 4 credits:</i>		
MUSIC 312M	University Choir - Men	1-2
MUSIC 312W	University Choir - Women	1-2
MUSIC 313	Women's Glee	1-2
MUSIC 315	Men's Choir	1-2
MUSIC 316	Women's Choir	1-2
MUSIC 317	Opera Workshop	1
MUSIC 318	Vocal Union	1-2
MUSIC 319	Collegiate Singers	1-2
MUSIC 324	Jazz Combo	1
MUSIC 325	RixStix Percussion Group	1-3
MUSIC 327	Viking Marching Band Percussion	1
MUSIC 328	Jazz Lab Band	1-2
MUSIC 329	University Band	1-2
MUSIC 330	Sound Alliance	1-2
MUSIC 331	Symphony Band	1-2
MUSIC 339	Baroque Ensemble	1
MUSIC 340	University Orchestra	1-2
MUSIC 341	String Chamber Music	1
MUSIC 342A	Symphony Orchestra Strings	1-3
MUSIC 342B	Symphony Orchestra Winds	1-3
MUSIC 343A	Chamber Woodwinds	1
MUSIC 343B	Chamber Brass	1
MUSIC 345	Harp Ensemble	1
MUSIC 346	Flute Ensemble	1
MUSIC 348	Saxophone Ensemble	1
MUSIC 362	Piano Ensemble	1-2
Total Credits		12
Department of Theatre		
Theatre Arts Performance 5300		
<i>Take these courses:</i>		
TA 121	Voice Diction	2
TA 123M or W	Acting 1	3
<i>Take 7 to 10 credits:</i>		
TA 223M or W	Acting 2	3
TA 225	Stage Dialects	2
TA 233	Movement for Theatre	2
TA 260R	Theatre Practice	1-2
TA 321	Readers Theatre	4
TA 322	Interpretation and Storytelling	2
TA 324	Actors and Emotion	2
Total Credits		12
Theatre Arts Technical Theatre 5301		
<i>Take 12 credits:</i>		
TA 126	Makeup	2
TA 219	Beginning Technical Theatre	3
TA 318R	Scene Painting	3
TA 319	Fundamentals of Scene Design	2
TA 320	Stage Lighting	2
TA 362	Introduction to Theatre Costume Design	2
TA 390R	Special Studies in Theatre	1-4
Total Credits		12

Clusters

Brigham Young University–Idaho 2013-2014

Department of Dance

Dance		5100
<i>Take these courses:</i>		
DANCE 103	Introduction to Dance Major and Professions	1
DANCE 402	History of Dance	3
<i>Take 8 credits from 1 of the following modules:</i>		
<i>Studio</i>		
DANCE 131	Jazz Dance, Beginning	1
DANCE 140	Modern Dance, Beginning	1
DANCE 190	Ballet Beginning	1
DANCE 231R	Jazz Dance, Intermediate	1
DANCE 240R	Modern Dance Technique 1	2
DANCE 242	Improvisation and Choreography	2
DANCE 290R	Ballet Technique 1	1
DANCE 331R	Jazz Dance, Advanced	1
DANCE 340R	Modern Dance Technique 2	2
DANCE 390R	Ballet Technique 2	2
DANCE 440R	Modern Dance Technique 3	2
DANCE 442R	Choreographic Explorations	2
DANCE 443R	Advanced Technique and Somatics	3
DANCE 496R	Somatics	3
<i>World/Footworks</i>		
DANCE 135	Tap Dance	1
DANCE 170	World Dance, Beginning	1
DANCE 171	Clog Dance, Beginning	1
DANCE 270R	World Dance Intermediate	1
DANCE 271R	Clog Dance Technique 1	1
DANCE 371R	Clog Technique 2	1
<i>Ballroom</i>		
DANCE 180	Social Dance Beginning	1
DANCE 181	Country Western Social Dance, Beginning	1
DANCE 184	International Standard Beginning	1
DANCE 185	International Latin Beginning	1
DANCE 280	Social Dance Intermediate 1	1
DANCE 281	Social Dance Intermediate 2	1
DANCE 284R	Ballroom Technique 1	1
DANCE 384R	Ballroom Technique 2	2
DANCE 484R	Ballroom Technique 3	2
	Total Credits	12

Department of Art

Art - Two Dimensional Studies		5200
<i>Take these courses:</i>		
ART 110	Drawing 1	3
ART 117	Design and Color	3
<i>Take 2 courses:</i>		
ART 210	Drawing 2	3
ART 212R	Head Drawing	3
ART 250	Oil Painting 1	3
ART 251	Watercolor 1	3
ART 310	Expressive Drawing	3
ART 312R	Figure Drawing	3
	Total Credits	12
Art - Three Dimensional Studies		5201
<i>Take these courses:</i>		
ART 110	Drawing 1	3
ART 220	Ceramics 1	3
ART 280	Sculpture 1	3
ART 320	Ceramics 2	3
ART 380	Sculpture 2	3
	Total Credits	15
Art - Photography		5204
<i>Take 1 course:</i>		
ART 110	Drawing 1	3
ART 117	Design and Color	3
<i>Take these courses:</i>		
ART 160	Photography 1	3
ART 260	Color Photography	3
ART 361	Digital Photography	3
<i>Take 1 course:</i>		
ART 307	History of Photography	3
ART 364R	Advanced Black and White Photography	3
ART 365R	Photography 3	3
ART 462R	Historical Processes	3
ART 463R	Documentary Photography	3
<i>Photo cluster students may NOT take the following courses</i>		
ART 362	Studio Lighting	3
ART 366R	Commercial Photography	3
ART 460R	Portrait Photography	3
	Total Credits	15

All photo cluster students must own a digital SLR camera
There are to be no customized clusters in the photo area

Art - Art History		5205
<i>Take these courses:</i>		
ART 201	Art History 1	3
ART 202	Art History 2	3
<i>Take 2 or 3 of the following courses:</i>		
ART 301	Art of the Ancient Near East and Egypt	3
ART 302	Greek and Roman Art	3
ART 303	Medieval Art	3
ART 304	Far Eastern Art	3
ART 305	Meso-American Art	3
ART 306	History of Design and Illustration	3
ART 307	History of Photography	3
ART 308	American Art	3
ART 401	Italian Renaissance Art	3
ART 402	Baroque Art	3
ART 403	Nineteenth Century Art	3
ART 404	Twentieth Century Art	3
ART 407	Sacred Art: Art of the World's Religions	3
	Total Credits	12

Art - Graphic Design		5206
<i>Take these courses:</i>		
ART 130	Introduction to Graphic Design	3
ART 230	Typography	3
ART 235	Graphic Design	3
<i>Take 1 course:</i>		
ART 331R	Information Design	3
ART 335R	Identity Design	3
ART 337R	Interaction Design	3
ART 430R	Sequential Design	3
ART 437R	Advanced Typography	3
ART 438R	Motion (Interactive)	3
	Total Credits	12

Art - Fundamentals		5207
<i>Take these courses:</i>		
ART 101	Introduction to Visual Arts	3
ART 110	Drawing 1	3
ART 117	Design and Color	3
<i>Take 1 course:</i>		
ART 301	Art of the Ancient Near East and Egypt	3
ART 302	Greek and Roman Art	3
ART 303	Medieval Art	3
ART 304	Far Eastern Art	3
ART 305	Meso-American Art	3
ART 306	History of Design and Illustration	3
ART 307	History of Photography	3
ART 308	American Art	3
ART 401	Italian Renaissance Art	3
ART 402	Baroque Art	3
ART 403	Nineteenth Century Art	3
ART 404	Twentieth Century Art	3
ART 407	Sacred Art: Art of the World's Religions	3
	Total Credits	12

Clusters

Brigham Young University-Idaho 2013-2014

College of Physical Sciences and Engineering

Design and Construction Management		
Commercial Construction		6001
<i>(For Construction Management Majors Only)</i>		
<i>Take 12 Credits:</i>		
ARCH 270	Specifications	3
CONST 250	Steel Structural Systems	3
CONST 340	Fundamentals of Land Survey	3
CONST 350	Soil and Equipment	3
Total Credits		12
Residential Construction		6003
<i>(For Construction Management Majors Only)</i>		
<i>Take 12 Credits :</i>		
ARCH 120	Computer Aided Design 1	3
CONST 210	Finishing Systems	3
CONST 300	Cabinetmaking	3
CONST 340	Land Surveying	3
Total Credits		12
Cabinet and Furniture Making		6009
<i>(For Construction Management Non-Majors Only)</i>		
<i>Take These Courses :</i>		
CONST 100	Basic Woodworking	3
CONST 200	Furniture Making	3
CONST 300	Cabinetmaking	3
<i>Take 1 course:</i>		
DCM 140	Visual Thinking	3
DCM 200	History of Interiors and Architecture	3
HFED 140	Introduction to Architecture and Interior Design	3
Total Credits		12
Construction Management Business Management		6010
<i>(For Construction Management Majors Only)</i>		
<i>Take 1 Course:</i>		
ACCTG 180	Survey of Accounting	3
ACCTG 201	Financial Accounting	3
<i>Enrichment - Take 3 courses:</i>		
B 101	Principles of Business Management	3
or		
B 211	Business Fundamentals 1	4
B 225	Fundamentals of Real Estate	3
B 283	Introduction to Entrepreneurship	3
B 301	Financial Management	3
B 321	Organizational Effectiveness	3
or		
B 370	Human Resources Management	3
B 341	Marketing Management	3
B 361	Production and Operations Management	3
B 413*	Advanced Real Estate	3
ECON 150	Economic Principles and Problems - Micro	3
MATH 221A	Business Statistics	3
Total Credits		12
*B 413 has a prerequisite of B 225		
Design Thinking and Innovation		6011
<i>Take These Courses :</i>		
DCM 110	Design Thinking	3
DCM 130	Design Relevance	3
DCM 140	Visual Thinking	3
DCM 300	Collaborative Design Studio	3
Total Credits		12
Construction Documents		6012
<i>(For Construction Management Majors Only)</i>		
<i>Take 12 Credits:</i>		
ARCH 120	Computer Aided Design 1	3
ARCH 190	Building Information Modeling 1	3
ARCH 270	Specifications	3
ARCH 290	Building Information Modeling 2	3
Total Credits		12

Construction Management		6013
<i>(For Construction Management Non-Majors Only)</i>		
<i>Take These Courses :</i>		
ARCH 100	Introduction to Architecture and Construction Management	3
CONST 120	Framing Systems	3
CONST 280	Methods and Materials	3
CONST 330	Construction Estimating	3
<i>Take 1 course:</i>		
ARCH 190	Building Information Modeling 1	3
ARCH 300	Sustainable Design and Construction	3
CONST 320	Construction Safety	2
CONST 380	Project Management	3
CONST 400	Advance Estimating and Bidding	3
Total Credits		14

Automotive

Automotive Technology		6100
<i>Take 1 course:</i>		
AUTO 100	Automotive Maintenance 1	1
AUTO 125	Automotive Major Essentials	1
<i>Take these courses:</i>		
AUTO 102	Automotive Maintenance 2	1
AUTO 131	Automotive Electrical Systems 1	3
AUTO 132	Automotive Engine Performance 1	3
<i>Take 4 credits:</i>		
AUTO 155	Steering, Suspension and Brakes	4
AUTO 221	Air Conditioning & Heating	3
AUTO 231	Automotive Electrical Systems 2	3
AUTO 232	Automotive Engine Performance 2	3
Total Credits		12

Chemistry

Chemistry		6500
<i>Take 12 credits:</i>		
CHEM 105	General Chemistry	4
CHEM 106	General Chemistry	4
CHEM 150*	Introductory Organic and Biochemistry	5
CHEM 220	Quantitative Analysis	5
Total Credits		12
OR		
<i>Take 12 credits:</i>		
CHEM 105	General Chemistry	4
CHEM 106	General Chemistry	4
CHEM 220	Quantitative Analysis	5
CHEM 351*	Organic Chemistry	4
CHEM 352*	Organic Chemistry	4
Total Credits		12

*Chem 150 cannot count with Chem 351 and/or Chem 352

Animal Health Chemistry		6502
<i>Take at least 12 credits:</i>		
CHEM 105	General Chemistry	4
CHEM 106	General Chemistry	4
CHEM 351	Organic Chemistry	4
CHEM 481	Biochemistry 1	3
CHEM 482	Biochemistry 2	3
Total Credits		12

Clusters

Brigham Young University–Idaho 2013-2014

Mathematics

Math		6200
<i>Take at least 12 credits from Mathematics courses numbered 112 or higher.</i>		
Total Credits		12
Statistics Cluster		6203
<i>Take 1 course:</i>		
MATH 221B	Biostatistics	3
MATH 221C	Social Science Statistics	3
<i>Take these courses:</i>		
MATH 325	Intermediate Statistics Methods	3
MATH 326	Experimental Design	3
<i>Take 3 credits:</i>		
BIO 377	Techniques in Biochemistry and Molecular Biology	3
BIO 379	Ecological and Wildlife Tech	3
CHILD 400	Research and Evaluation	3
ECON 388	Introduction to Econometrics	3
ESS 497	Exercise Science Seminar	3
HS 391	Research Methods and Program Evaluation	2
MATH 325	Intermediate Statistics	3
MATH 327	Introduction to Bayesian Statistics	3
MATH 423	Probability and Statistics	3
MATH 425	Applied Linear Regression	3
PSYCH 302	Research Methods	3
SOC 400	Sociological Analysis	3
Total Credits		12

Computer Science and Electrical Engineering

Computer Science		6600
<i>Take these courses:</i>		
CS 124	Introduction to Software Development	3
CS 165	Object-oriented Software Development	3
<i>Take 2 courses:</i>		
CS 213	Web Engineering 1	3
CS 235	Data Structures	3
CS 237	Discrete Mathematics 1	3
CS 238	Discrete Mathematics 2	3
CS 246	Software Design and Development	3
CS 312	Computer Graphics	3
CS 371	Human-Computer Interaction	3
CS 460	Computer Communication & Networks	3
ECEN 160	Fundamentals of Digital Systems	3
ECEN 324	Computer Architecture	3
Total Credits		12
Electrical and Computer Engineering		6603
<i>Take these courses:</i>		
CS 124	Introduction to Software Development	3
CS 165	Object-oriented Software Development	3
ECEN 150	Electric Circuit Analysis 1	3
ECEN 160	Fundamentals of Digital Systems	3
Total Credits		12

Geology

Geology Cluster		6700
<i>Take these courses:</i>		
GEOL 111	Physical Geology	3
GEOL 111L	Physical Geology Lab	1
GEOL 112	Historical Geology	3
GEOL 112L	Historical Geology Lab	1
<i>Take 4 credits:</i>		
GEOL 140	Introduction to GPS	1
GEOL 235	Meteorology	2
GEOL 335	Oceanography	3
GEOL 340	Introduction to GIS for Geoscientists	3
GEOL 351	Earth Materials	3
GEOL 352	Petrology	3
GEOL 370	Stratigraphy & Sedimentation	4
GEOL 380	Regional Geology	2
GEOL 391	Structural Geology 1	2
GEOL 392	Structural Geology 2	2
GEOL 404	Environmental Geology	3
GEOL 411	Geomorphology	3
GEOL 420	Geochemistry	3
GEOL 425	Petroleum Geology	3
GEOL 435	Hydrology	3
GEOL 440R	Applied GIS	3
GEOL 445	Geophysics	3
GEOL 480	Paleontology	3
Total Credits		12

Note: Most geology and physics classes are only offered once each year. Create a graduation plan early and follow it.

Geographical Information Systems Cluster for Geology Majors		6711
<i>Take this course:</i>		
GEOL 440R	Applications of GIS in Geology	3
<i>Take three courses:</i>		
CIT 111	Introduction to Databases	3
CIT 160	CIT Fundamentals	3
CS 124	Introduction to Software Development	3
MATH 221B	Biostatistics	3
GEOL 240	Maps and Remote Sensing	3
Total Credits		12

Mathematics Cluster for Geology Students		6703
<i>Take 12 credits:</i>		
MATH 214	Multivariate/Vector Calculus	3
MATH 215	Multivariable Calculus	4
MATH 271	Elementary Differential Equations	2
MATH 281	Introduction to Applied Mathematics	3
MATH 316	Differential Equations with Linear Algebra	4
MATH 341	Linear Algebra	3
MATH 411	Numerical Analysis	3
MATH 412	Scientific Computing	3
MATH 472	Introduction to Partial Differential Equations	3
Total Credits		12

Physics Cluster for Geology Students		6704
<i>Take 12 credits:</i>		
PH 123	Principles of Physics 2	3
PH 220	Principles of Physics 3	3
PH 223	Engineering Physics	4
PH 250	Intermediate Physics Lab	1
PH 279	Modern Physics	3
PH 291	Wave Physics	2
PH 323	Solid State Physics	3
PH 332	Classical Mechanics	4
PH 333	Electricity & Magnetism	4
PH 336	Advanced Physics Lab	2
PH 385	Numerical Modeling in Physics	2
Total Credits		12

Inorganic Chemistry Cluster for Geology Students		6705
<i>Take 12 credits:</i>		
CHEM 106	General Chemistry	4
CHEM 220	Quantitative Analysis	5
CHEM 461	Physical Chemistry	3
CHEM 462	Physical Chemistry 2	3
CHEM 470	Inorganic Chemistry	3
CHEM 471	Advanced Laboratory	2
Total Credits		12

Organic Biochemistry Cluster for Geology Students		6706
<i>Take 12 credits:</i>		
CHEM 106	General Chemistry	4
CHEM 220	Quantitative Analysis	5
CHEM 351	Organic Chemistry	4
CHEM 352	Organic Chemistry	4
CHEM 481	Biochemistry	4
Total Credits		12

Engineering Cluster for Geology Students		6707
<i>Take 12 credits:</i>		
ME 142	Engineering Computation 1	3
ME 172	Visualization in Engineering Design	3
ME 201	Engineering Mechanics: Statics	2
ME 202	Strength of Materials	3
ME 204	Engineering Mechanics: Dynamics	3
ME 231	Manufacturing Processes 1	3
Total Credits		12

Computer Cluster for Geology Students		6708
<i>Take 12 credits:</i>		
CIT 160	CIT Fundamentals	3
CIT 225	Database Design & Development	3
CIT 240	Networking	3
CIT 241	Network Design	3
CIT 260	Object Oriented Programming 1	3
CIT 360	Object Oriented Programming 2	3
CS 124	Introduction to Software Development	3
CS 165	Object Oriented Software Development	3
CS 213	Web Engineering 1	3
CS 235	Data Structures	3
CS 246	Software Design & Development	3
CS 371	Human-Computer Interaction	3
CS 460	Computer Communication & Networks	3
ECEN 150	Electric Circuit Analysis	3
ECEN 160	Fundamentals of Digital Systems	3
Total Credits		12

Clusters

Brigham Young University-Idaho 2013-2014

Physics		
Technical Physics		6400
<i>Take 12 Credits:</i>		
PH 121	Principles of Physics 1	3
PH 123	Principles of Physics 2	3
PH 150	Beginning Physics Lab	1
PH 220	Principles of Physics 3	3
PH 250	Intermediate Physics Laboratory for Physics and Physical Science	1
PH 279	Modern Physics	3
PH 311	Physics by Inquiry 1	3
PH 314	History/Philosophy of Science	3
Total Credits		12

Physics Exposure		6401
<i>Take 14 credits:</i>		
PH 105	Introductory Applied Physics I	4
PH 106	Introductory Applied Physics II	4
PH 311	Physics by Inquiry I	3
PH 314	History/Philosophy of Science	3
Total Credits		14

Physical Science		
Physical Science and Mathematics		6800
<i>Take 12 credits from at least 2 of the following areas:</i>		
Chemistry		
Take any Chemistry class numbered 105 or higher (Chem 150 and Chem 153 cannot be taken with Chem 351 and/or Chem 352)	0-10	
Physics		
Take any Physics class numbered 105 or higher	0-10	
Geology		
Take any Geology class numbered 111 and 111L or higher	0-10	
Mathematics		
Take any Mathematics class numbered 111 or higher	0-10	
Total Credits		12

GIS Cluster		6801
<i>Take this course:</i>		
GEOL 140	Introduction to GPS	3
<i>Take this course:</i>		
AGTEC 286	Introduction to GIS	3
GEOG 230	Introduction to GIS	3
<i>Take 1 course:</i>		
MATH 221A	Business Statistics	3
MATH 221B	Biostatistics	3
MATH 221C	Social Science Statistics	3
<i>Take 1 course:</i>		
AGTEC 486	Advanced GIS in Agriculture and Natural Resources	3
GEOG 340	Advanced GIS and Spatial Analysis	3
GEOL 340	Introduction to GIS for Geoscientists	3
<i>Take 1 course:</i>		
CIT 203	CIT Fundamentals	3
CIT 220	Introduction to Databases	3
COMM 130	Visual Media	3
Total Credits		13

Mechanical Engineering		
Engineering Cluster		6300
<i>Take 15 credits</i>		
FDMAT 112	Calculus 1	4
ME 101	Introduction to Mechanical Engineering	1
ME 142	Engineering Computation 1	3
ME 172	Visualization in Engineering Design	3
ME 201	Engineering Mechanics: Statics	2
ME 202	Strength of Materials	3
ME 204	Engineering Mechanics: Dynamics	3
ME 231	Manufacturing Processes 1	3
Total Credits		15

Manufacturing Cluster		6301
<i>Take 12 credits</i>		
ME 172	Visualization in Engineering Design	3
ME 231	Manufacturing Processes 1	3
ME 331	Manufacturing Processes 2	3
ME 332	Advanced CNC	3
WELD 101	Welding Fundamentals	3
Total Credits		12

Welding Cluster		6302
<i>Take these courses:</i>		
WELD 101	Welding Fundamentals	3
WELD 123	Advanced Welding Processes	3
<i>Take 6 credits:</i>		
ME 172	Visualization in Engineering Design	3
ME 231	Manufacturing Processes 1	3
WELD 120	Gas Tungsten Arc Welding	3
WELD 229	Code, Certification & Inspection	3
WELD 280	Welding Fabrication	3
Total Credits		12

Fabrication Cluster		6303
<i>Take these courses:</i>		
ME 172	Visualization in Engineering Design	3
ME 231	Manufacturing Processes 1	3
WELD 101	Welding Fundamentals	3
<i>Take 3 credits:</i>		
ME 331	Manufacturing Processes 2	3
ME 332	Advanced CNC	3
WELD 120	Gas Tungsten Arc Welding	3
WELD 123	Advanced Welding Processes	3
Total Credits		12

Clusters - Pathway Certificates

Brigham Young University-Idaho 2013-2014

College of Foundations and Interdisciplinary Studies

Family History Research		7000
<i>Take these courses:</i>		
FDREL 261	Introduction to Family History	2
FHGEN 111	Introduction to Family History Research, Part 1: Record Groups and Methodology	3
FHGEN 120	Internet and Computer Skills	3
FHGEN 130	Paleography	3
<i>Take 1 course:</i>		
FHGEN 112	Introduction to Family History Research, Part Two: Analysis of Research Evidence	3
FHGEN 160	Family and the Law	3
FHGEN 211	Research Methodology, Part 1	<u>3</u>
Total Credits		14

Pathway Certificates

Basic Accounting Certificate		C 100
<i>Take these courses:</i>		
ACCTG 180	Survey of Accounting	3
ACCTG 205	Accounting Software	2
B 220	Business Communication	3
CIT 110	Micro-Applications for Business	3
<i>Take 1 course:</i>		
B 275	Business Law & Legal Environment	3
ECON 150	Economic Principles & Problems - Micro	<u>3</u>
Total Credits		14

Administrative Assistant Certificate		C 101
<i>Take these courses:</i>		
ACCTG 205	Accounting Software	2
B 129	Office Procedures	3
B 220	Business Communication	3
CIT 110	Micro-Applications for Business	3
<i>Take 1 course:</i>		
ART 130	Introduction to Graphic Design	3
CIT 230	Page Layout & Graphics	3
COMM 150	Interpersonal Theory & Practice	<u>3</u>
Total Credits		14

Professional Sales Certificate		C 102
<i>Take these courses:</i>		
ACCTG 180	Survey of Accounting	3
B 101	Introduction to Business	3
B 120	Consultative Sales/ Customer Relations	3
B 341	Marketing Management	3
COMM 150	Interpersonal Theory & Practice	<u>3</u>
Total Credits		15

Web Media Certificate		C 103
<i>Take these courses:</i>		
ART 130	Introduction to Graphic Design	3
CIT 110	Micro-Applications for Business	3
CIT 230	Page Layout & Graphics	3
<i>Take 2 courses:</i>		
B 250	Web Business 1	3
CIT 160	Introduction to Programming	3
COMM 300	Digital Imaging	<u>3</u>
Total Credits		15

Home and Family Studies Certificate		C 104
<i>Take these courses:</i>		
CHILD 210	Child Development	3
FAML 100	The Family	3
<i>Take 3 courses:</i>		
FAML 160	Family Relations	3
FAML 220	Parenting	3
HFED 160	Home and Family Management	3
HS 131	Personal Health & Wellness	<u>3</u>
Total Credits		15

Business Fundamentals Certificate		C 105
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
B 211	Business Fundamentals 1	4
B 212	Business Fundamentals 2	4
B 298R	Beginning Internship	1-5
ECON 150	Economics Principles and Problems - Micro	3
ECON 151	Economics Principles and Problems - Macro	<u>3</u>
Total Credits		21

Entrepreneurship Certificate		C 106
<i>Take these courses:</i>		
B 183	Introduction to Entrepreneurship	3
B 250	Web Business Creation	3
B 283	Small Business Creation	3
B 383	Large Business Creation	3
B 483	Entrepreneurial Management	<u>3</u>
Total Credits		15

Family History Research Certificate		C 107
<i>Take these courses:</i>		
FDREL 261	Introduction to Family History	2
FHGEN 111	Introduction to Family History Research Part 1: Record Groups and Methodology	3
FHGEN 120	Internet and Computer Skills	3
FHGEN 130	Paleography	3
<i>Take 1 course:</i>		
FHGEN 112	Introduction to Family History Research Part 2: Analysis of Research Evidence	3
FHGEN 160	The Family and Society	3
FHGEN 211	Research Methodology, Part 1	<u>3</u>
Total Credits		14

Information Systems Certificate		C 108
<i>Take 5 courses:</i>		
CIT 110	Introduction to Excel	3
CIT 111	Introduction to Databases	3
CIT 160	CIT Fundamentals	3
CIT 230	Web Frontend Development	3
CIT 240	Networking	3
CIT 260	Object Oriented Programming	<u>3</u>
Total Credits		15