

CLUSTERS

Brigham Young University-Idaho 2009-2010

College of Agriculture & Life Sciences

Department of Agribusiness, Plant & Animal Science

Agribusiness Cluster		
<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

Equine Cluster		
<i>Take these courses:</i>		
AS 220	Feeds and Nutrition	4
AS 340	Horse Production	3
AS 435	Equine Nutrition	4
<i>Select 2-4 credits from the following:</i>		
AS 247	Animal Handling	2
AS 347	Advanced Animal Handling	<u>2</u>
Total Credits		12

Animal Health		
<i>Take these courses:</i>		
AS 215	Anatomy/Physiology	4
AS 315	Animal Health	3
BIO 221	Microbiology	3
BIO 222	Microbiology Lab	1
<i>Take one course:</i>		
AS 340	Horse Production	3
AS 350	Small Animal Production	4
AS 360	Beef Production	4
AS 370	Dairy Production	<u>3</u>
Total Credits		14

Animal Reproduction Cluster		
<i>Take these courses:</i>		
AS 330	Artificial Insemination	2
AS 336	Animal Reproduction	3
AS 430	Applied Reproduction	4
<i>Take one course:</i>		
AS 333	Livestock Genetics	3
BIO 375	Genetics and Molecular Biology	3
<i>Take one course:</i>		
AS 340	Horse Production	3
AS 350	Small Animal Production	4
AS 360	Beef Production	<u>4</u>
Total Credits		15

Natural Resources		
<i>Take these courses:</i>		
BIO 225	Range Ecology I	3
BIO 302	Ecology	4
BIO 325	Range Ecology Systems Management	3
BIO 455	Rangeland Inventory & Analysis Lab	3
BIO 466	Rangeland Vegetation Manipulation & Improvement	<u>3</u>
Total Credits		16

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

Crop Production		
<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	<u>3</u>
Total Credits		12

Crop Protection		
<i>Take these courses:</i>		
AGRON 420	Crop Protection	4
AGRON 321	Soil Fertility and Plant Nutrition	3
AGRON 325	Irrigation and Drainage	3
AGRON 445	Crop Advisor Certification	<u>2</u>
Total Credits		12

GIS in Agriculture and Natural Resources		
<i>Take these courses:</i>		
AGTEC 286	Introduction to GIS	3
AGTEC 486	Advanced GIS in Agriculture and Natural Resources	3
AGTEC 474	Mechanical Systems Analysis	3
<i>Take one course:</i>		
CIT 320	Database Design and Development	3
GEOG 240	Maps and Remote Sensing	3
GEOG 340	Advanced GIS and Spatial Analysis	<u>3</u>
Total Credits		12

Agriculture Technology		
<i>Take these courses:</i>		
AGTEC 122	Small Engines	2
AGTEC 320	Agricultural Machinery	3
AGTEC 335	Electronic Systems Diagnostics and Repairs	4
AGTEC 360	Agricultural Hydraulics	4
AGTEC 474	Mechanical Systems Analysis	<u>3</u>
Total Credits		16

Animal Production		
<i>Take these courses:</i>		
AS 150	Introduction to Livestock	3
AS 220	Feeds and Nutrition	3
AS 215	Anatomy & Physiology	4
<i>Take one course:</i>		
AS 340	Horse Production	3
AS 350	Small Animal Production	4
AS 360	Beef Production	4
AS 370	Dairy Production	<u>3</u>
Total Credits		13

Animal Nutrition		
<i>Take these courses:</i>		
AS 220	Feeds and Nutrition	3
AS 425	Advanced Nutrition	4
Chem 106	General Chemistry	4
<i>Take one course:</i>		
AS 320	Feedlot Management	3
AS 435	Equine Nutrition	<u>4</u>
Total Credits		14

Beef Production		
<i>Take these courses:</i>		
AS 220	Feeds and Nutrition	3
AS 360	Beef Production	4
<i>Take 5 - 7 credits:</i>		
AGBUS 450	Agribusiness Management	3
AS 330	Artificial Insemination	2
AS 333	Livestock Genetics	3
AS 336	Animal Reproduction	3
AS 355	Meats	4
AS 425	Advanced Nutrition	4
AS 430	Applied Reproduction	<u>4</u>
Total Credits		12

Department of Biology

Pre-Veterinary cluster		
<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 I	4
<i>Take one course:</i>		
BIO 200	General Biology	4
BIO 208	General Botany	<u>4</u>
Total Credits		15

Neuroscience (Psychology Majors)		
<i>Take these courses:</i>		
BIO 240	Neurobiology	4
BIO 485	Advanced Neuroscience	4
<i>Take 4-7 credits:</i>		
BIO 200	General Biology	4
BIO 208	General Botany	4
BIO 264	Anatomy & Physiology I	4
BIO 265	Anatomy & Physiology II	<u>4</u>
Total Credits		12

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Recreation Therapy (Recreation Management Majors)		
<i>Take these courses:</i>		
BIO 264	Anatomy & Physiology I	4
BIO 265	Anatomy & Physiology II	4
<i>Take 4-7 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)		
<i>Take these courses:</i>		
BIO 202	Natural Resource Management	4
<i>Take 11 credits:</i>		
AS 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	3
GEOL 440	Applied GIS (Fall classes only)	3
	Total Credits	16

Biology Illustrations (Art Majors)		
<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	Orinthology	3
BIO 447	Mammalogy	3
	Total Credits	15

Microbiology		
<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

Biotechnology/Forensics		
<i>Take these courses:</i>		
BIO 200	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		
<i>Take 12-15 credits:</i>		
BIO 200	Introduction to Biology I	4
BIO 211	Introduction to Biology II	3
BIO 221	General Microbiology	3
BIO 222	General Microbiology Lab	1
BIO 321	Biology of Microorganisms	4
CHEM 105	General Chemistry I	4
CHEM 106	General Chemistry II	4
CHEM 351	Organic Chemistry I	4
CHEM 352	Organic Chemistry II	4
PH 105	Introduction to Applied Physics I	4
PH 106	Introduction to Applied Physics II	4
PH 115	Pre-Medical Physics I	4
PH 116	Pre-Medical Physics II	4
	Total Credits	12

Department of Exercise and Sports Science

Pre-Professional Health		
<i>Take these courses:</i>		
BIO 200	Introduction to Biology I	4
BIO 211	Introduction to Biology II	3
<i>Take 4 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	12

Exercise and Sports Science		
<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
HFED 100	Nutrition	3
Choose any ESS 100 course		1
	Total Credits	12

Coaching (Non-education)		
<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	3
Choose any 1 coaching theory course		2
	Total Credits	14

Professional Health		
<i>Take these courses:</i>		
BIO 264	Anatomy & Physiology	4
ESS 320	Motor Development	2
ESS 375	Exercise Physiology	3
ESS 375L	Exercise Physiology Lab	1
HS 365	Kinesiology	3
Choose any ESS 100 course		1
	Total Credits	14

Professional Training		
<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	3
HS 410	Fitness Appraisal and Practice	3
	Total Credits	14

Department of Health Science

Health and Wellness		
<i>Take these courses:</i>		
HS 420	Health Behavior Theories	2
HS 472	Health Communications	3
HFED 100	Essentials of Human Nutrition	3
<i>Take one course:</i>		
HS 100	Introduction to Health Professions	1
HS 131	Personal Health Wellness	2
HS 331	Women's Health Issues	3
<i>Take one course:</i>		
HS 222	Advanced First Aid	3
HS 223	Wilderness First Aid	3
	Total Credits	12

Industrial Health		
<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		
<i>Take these courses:</i>		
BIO 265	Anatomy & Physiology II	4
HS 349	Sports Medicine	3
HS 349L	Sports Medicine Lab	1
HS 355R	Athletic Training Clinical Experience	1-3
HS 365	Kinesiology	3
	Total Credits	12

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Emergency Care		
<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

Public Health		
<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	2
FDMAT 222	Bio Statistics	3
Total Credits		13

Department of Nursing

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

Department of Horticulture

Event Planning		
<i>Take these courses:</i>		
AGBUS 232	Agricultural Sales and Merchandising	3
HORT 325	Interiorscaping	2
HORT 335	Flower Arranging	3
HORT 338R	Wedding Flowers	1-2
HORT 338A	Wedding Flowers Lab A	2
<i>Take 1 course:</i>		
HORT 2874	Flower Center	1
HORT 290	Special Problems	1
Total Credits		12

Horticulture		
<i>Take these courses:</i>		
HORT 103	Home Gardening	3
HORT 201	Plant Culture	3
HORT 230	Introduction to Arch/Landscape Design	3
HORT 252	Landscape Construction	4
HORT 287R	Flower Center	1
HORT 299	Seminar	0.5
HORT 311	Introduction to Arboriculture	2
HORT 319	Landscape Management	3
HORT 320	Plant Propagation	3
HORT 321	Landscape Plant Materials I	2
HORT 322	Landscape Plant Materials II	2
HORT 324	Flower Identification	2
HORT 325	Interiorscaping	2
HORT 329	Irrigation	3
HORT 330	Intermediate Landscape Design	3
HORT 334	Greenhouse Operations	3
HORT 335	Flower Arranging	3
HORT 336	Asian Design Influence	1
HORT 337	European Design Influence	1
HORT 338R	Wedding Flowers	1-2
HORT 338A	Wedding Flowers Lab A	2
HORT 338B	Wedding Flowers Lab B	2
HORT 410	Turfgrass Management	3
HORT 412	Landscape Pest Control	3
HORT 420	Advanced Propagation	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

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

College of Business and Communication

Department of Accounting

Financial Accounting		
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
ACCTG 301	Intermediate Financial Accounting I	3
ACCTG 302	Intermediate Financial Accounting II	3
Total Credits		12

Accounting Information Systems		
<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		
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
ACCTG 321	Income Tax I	3
ACCTG 322	Income Tax II	3
Total Credits		12

Financial Accounting (For Business Majors)		
<i>Take these courses:</i>		
ACCTG 301	Intermediate Financial Accounting I	3
ACCTG 302	Intermediate Financial Accounting II	3
ACCTG 401	Public Reporting and Research	3
ACCTG 403	Advanced Accounting	3
Total Credits		12

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

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

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

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Department of Business

General Business

Take these courses:

B 101	Introduction to Business	3
ACCTG 180	Survey of Accounting	3

Take 6-9 credits

ECON 112	Economic Principles and Problems - Micro	3
B 201	Introduction to Finance	3
B 247	Principles of Marketing	3
B 275	Business Law and Legal Environment	3
B 279R	Business Discovery Series	1
B 370	Human Resource Management	3
B 380	Introduction to International Business	2
B 413	Real Estate	<u>3</u>
	Total Credits	12

Business Fundamentals (Application Only Cluster - See Advising)

Take this course:

B 211	Business Fundamentals I	10
	Also includes ACCTG 201 & ECON 112 (This is a predefined group of classes for this cluster available by application only)	

Take one course:

ACCTG 205	Accounting Software	2
ART 392	Business for the Professional Artist	2
B 247	Principles of Marketing	3
B 250	Web Business I	3
B 275	Business Law and the Legal Environment	3
B 283	Entrepreneurship Skills	3
B 301	Financial Management	3
B 370	Human Resource Management	3
B 413	Real Estate	3
HS 285	Hospital and Health Administration	3
	Total Credits	12

General Business (For Accounting Majors)

Take these courses:

B 321	Organizational Effectiveness	3
B 341	Marketing Management	3
B 361	Operations Management	3
B 499A	Principles of Business Strategy	<u>3</u>
	Total Credits	12

Entrepreneurship (Non-Business Majors)

Take these courses:

ACCTG 180	Survey of Accounting	3
B 247	Principles of Marketing	3
B 283	Entrepreneurship Skills	3
B 383	New Venture Creation	<u>3</u>
	Total Credits	12

Administrative Assistant

Take these courses:

ACCTG 180	Survey of Accounting	3
B 101	Introduction to Business	3
B 370	Human Resource Management	3
CIT 140	Micro-Applications for Business	<u>3</u>
	Total Credits	12

Human Resource Management (Business Majors)

Take these courses:

B 370	Human Resource Management	3
COMM 450	Conflict Management	3
SOC 323	Race and Ethnic Relations	3
SOC 357	Human Relations and Leadership	<u>3</u>
	Total Credits	12

Human Resources (Non-Business Majors)

Take these courses:

B 370	Human Resource Management	3
COMM 150	Interpersonal Theory and Practice	3
COMM 450	Conflict Management	3
SOC 323	Race and Ethnic Relations	<u>3</u>
	Total Credits	12

Real Estate (Non-Business Majors)

Take these courses:

ACCTG 180	Survey of Accounting	3
ARCH 100	Construction Documents	3
B 101	Introduction to Business	3
B 413	Real Estate	<u>3</u>
	Total Credits	12

Real Estate (Business Majors)

Take these courses:

B 413	Real Estate	3
CONST 210	Finishing Systems	3
CONST 350	Soils and Equipment	3

Take 2 courses:

ARCH 100	Construction Documents	3
CONST 120	Framing Systems	3
CONST 330	Construction Estimating	<u>3</u>
	Total Credits	12

Health Care Administration

Take 1 course:

HS 285	Hospital and Health Services Admin.	3
HS 360	Community and Public Health Admin.	2

Take these courses:

HS 280	Medical Terminology	2
HS 390	Planning, Implementing and Evaluation	3
MA 106	Medical Law and Ethics	2
SOC 357	Human Relations and Leadership	<u>3</u>
	Total Credits	12

Department of Communication

Advertising

Take this course:

COMM 230	Introduction to Advertising	3
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Take 9 credits:

COMM 330	Advertising Concepting and Copywriting	3
COMM 332	Account Management and Media Sales	3
COMM 337	Media Research Methods	3
COMM 338	Media Strategy and Planning	3
COMM 430	Advertising Campaigns	<u>3</u>
	Total Credits	12

Journalism

Take these courses:

COMM 111	Writing for Communication Careers	3
COMM 240	Introduction to Journalism	3

Take 6 credits:

COMM 316	Photojournalism	3
COMM 340	Advanced Media Writing	3
COMM 342	Editing for Print Media	3
COMM 347	Advanced Visual Media	3
COMM 397R	Communication Practicum II (Rixida or Scroll)	1
COMM 440	Computer Assisted Media Projects	<u>3</u>
	Total Credits	12

Visual/Digital Media:

Take this course:

COMM 130	Visual Media	3
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Take 9 credits:

CIT 140	Micro-Applications for Business	3
COMM 310	Creating Online Media	3
COMM 313	Multimedia Production	3
COMM 316	Photojournalism	3
COMM 347	Advanced Visual Media	3
COMM 397R	Communication Practicum II (Rixida or Scroll)	1
COMM 497R	Special Topic Practicum	<u>1</u>
	Total Credits	12

Interpersonal Communication

Take these courses:

COMM 102	Public Speaking	3
COMM 150	Interpersonal Theory and Practice	3
COMM 350	Group Dynamics	3

Take one course:

COMM 352	Persuasion	3
COMM 450	Conflict Management	<u>3</u>
	Total Credits	12

Broadcasting

Take this course:

COMM 260	Introduction to Broadcasting	3
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Take 9 credits:

COMM 265	Beginning Television Production	3
COMM 310	Creating Online Media	3
COMM 313	Multimedia Production	3
COMM 360	Multimedia Video Journalism	3
COMM 365	Television News and Program Producing	3
COMM 460	Advanced Video Production	<u>3</u>
	Total Credits	12

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Public Relations		
<i>Take these courses:</i>		
COMM 235	Introduction to Public Relations	3
COMM 335	Public Relations Writing and Production	3
<i>Take 6 credits:</i>		
COMM 337	Media Research Methods	3
COMM 338	Media Strategy and Planning	3
COMM 339R	Events Management	3
COMM 340	Advanced Media Writing	3
COMM 435	Public Relations Campaigns	3
Total Credits		12

Organizational Communication		
<i>Take this course:</i>		
COMM 250	Introduction to Organizational Communication	3
<i>Take 9 credits:</i>		
COMM 150	Interpersonal Theory and Practice	3
COMM 350	Group Dynamics	3
COMM 352	Persuasion	3
COMM 450	Conflict Management	3
Total Credits		12

Department of Economics

(No Double Counting between Major, Minor and Cluster courses)

General Economics		
<i>Take these courses:</i>		
ECON 111	Economic Principles and Problems - Macro	3
ECON 112	Economic Principles and Problems - Micro	3
<i>Take 2 courses:</i>		
ECON 300	Managerial Economics	3
ECON 358	International Economics	3
ECON 381	Intermediate Macroeconomics	3
ECON 430	Economic History and Thought	3
Total Credits		12

Economics and Finance		
<i>Take these courses:</i>		
ECON 300	Managerial Economics	3
ECON 358	International Economics	3
ECON 421	Introduction to Econometrics	3
ECON 453	Money, Banking and Financial Markets	3
Total Credits		12

Law and Economics		
<i>Take these courses:</i>		
ECON 111	Economic Principles and Problems - Macro	3
ECON 112	Economic Principles and Problems - Micro	3
ECON 440	Law and Economics	3
<i>Take 1 course:</i>		
ECON 430	Economic Thought and History	3
ECON 444	Regional Economics	3
ECON 475	Public Economics	3
FDMAT 221	Business Statistics	3
Total Credits		12

Public Administration		
<i>Take these courses:</i>		
ECON 111	Economic Principles and Problems - Macro	3
ECON 112	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	3
Total Credits		12

Department of Computer Information Technology

Generic CIT		
<i>Take these courses:</i>		
CIT 203	Introduction to Programming	3
CIT 230	Page Layout and Graphics	3
CIT 235	Web Page Development	3
CIT 240	Networking	3
Total Credits		12

Programming		
<i>Take these courses:</i>		
CIT 203	Introduction to Programming	3
CIT 210	Object Oriented Programming I	3
CIT 310	Object Oriented Programming II	3
CIT 320	Database Design and Development	3
Total Credits		12

Networking		
<i>Take these courses:</i>		
CIT 240	Networking	3
CIT 330	Operating Systems	3
CIT 340	Network Design	3
CIT 370	Systems Security	3
Total Credits		12

Web		
<i>Take these courses:</i>		
CIT 230	Page Layout and Graphics	3
CIT 320	Database Design and Development	3
CIT 336	Web Page Development	3
<i>Take 1 course:</i>		
COMM 130	Visual Media	3
CS 371	Human-Computer Interaction	3
Total Credits		12

Project Lifecycle		
<i>Take these courses:</i>		
CIT 203	Introduction to Programming	3
CIT 320	Database Design and Development	3
CIT 380	Project Management	3
CIT 485	Enterprise Applications	3
Total Credits		12

CIT/ACCOUNTING		
<i>Take these courses:</i>		
CIT 203	Introduction to Programming	3
CIT 320	Database Design and Development	3
ACCTG 333	Advanced Spreadsheet Applications	3
ACCTG 356	Accounting Information Systems	3
Total Credits		12

Department of Recreation Management

General Recreation Management		
<i>Take these courses:</i>		
RM 200	Recreation Leadership	3
RM 343	Experimental Education/Adventure Challenge	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

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College of Education and Human Development

Department of Home and Family

Child Development

Take this course:

CHILD 210 Child Development 3

Take 6 credits:

CHILD 300* Infant/Toddler Development 3

CHILD 310 Early Childhood Development 3

CHILD 320* Adolescent Development 3

Take 3 credits:

CHILD 340 Language, Literacy and Learning 2

FAML 120 Parenting Skills 1

FAML 160 Family Relations 3

FAML 220 Parenting 3

SFN 110 Pregnancy 1

SOC 383 Juvenile Delinquency 3

Total Credits 12

Infant Toddler

Take this course:

CHILD 120 Infant and Toddlers 1

CHILD 210 Child Development 3

CHILD 280 Experience with Toddlers 3

CHILD 300* Infant/Toddler Development 3

FAML 120 Parenting Skills 1

SFN 110 Pregnancy 1

Total Credits 12

Early Childhood

Take these courses:

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

Sewing

Take these courses:

HFED 207 Clothing Construction I 2

HFED 307 Advanced Sewing Construction 4

HFED 245 Pattern Making 3

HFED 345 Fitting and Alterations 3

HFED 360 Textiles 3

Total Credits 15

Family Studies

Take these courses:

FAML 160 Family Relations 3

FAML 220 Parenting 3

FAML 300 Marriage 3

Take 3 credits:

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

SFN 110 Pregnancy 1

SOC 311 Family Interaction 3

Total Credits 12

Foods

Take these courses:

HFED 100 Essentials of Human Nutrition 3

HFED 110 Introductory Foods 2

HFED 240 Meal Management 2

HFED 330 Nutrition in the Life Cycle 3

Choose a Culinary Arts class for 2 additional credits 2

Total Credits 12

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

Culinary Arts

Take these courses:

CA 120 Intro to Food Service Sanitation 2

CA 131 Bakery 3

CA 160 Culinary Fundamentals 3

Take 5 credits:

CA 233 Pastry 3

CA 260 Applied Culinary Fundamentals 3

CA 234 Cake Decorating 2

CA 240 Confectionary 2

CA 280 International Foods 2

CA 370* Garde Manger 2

CA 372* Advanced Presentation 2

Total Credits 13

*Prerequisite of CA 260

Nutrition

Take these courses:

HFED 100 Essentials of Human Nutrition 3

HFED 200 Nutrient Metabolism 3

Take 6-9 credits:

BIO 265 Human Anatomy and Physiology 4

CHEM 150* Intro to Organic and Biochemistry 5

HFED 330 Nutrition in the Life Cycle 3

HFED 350* Sports Nutrition 3

Total Credits 12

Food and Nutrition

Take this course:

HFED 100 Essentials of Human Nutrition 3

Take 1 course:

CA 160 Culinary Fundamentals 3

HFED 110 Introductory Foods 2

Take 7-9 credits:

CA 120 Introduction to Food Service Sanitation 2

CA 260* Applied Culinary Fundamentals 3

CA 350* Culinary Nutrition 3

HFED 200* Nutrient Metabolism 3

HFED 240* Meal Management 2

HFED 330 Nutrition in the Life Cycle 3

Total Credits 12

Home and Family

Take these courses:

HFED 100 Essentials of Human Nutrition 3

HFED 110 Introductory Foods 2

HFED 160 Home & Family Management 3

HFED 207 Clothing Construction I 2

HFED 340 Money Management 3

Total Credits 13

The Home

Take these courses:

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

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

CLUSTERS

Brigham Young University–Idaho 2009-2010

Department of Psychology

Psychology: Business Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 350	Social Psychology	3

Take 6 to 9 credits:

PSYCH 310	Culture and Gender	2-3
PSYCH 341	Personality	3
PSYCH 365	Motivation and Emotion	3
PSYCH 376	Cognition	3
PSYCH 435	Health Psychology	<u>3</u>
Total Credits		12

Psychology: Health Sciences Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 342	Abnormal Psychology	3

Take 6 to 9 credits:

PSYCH 201	Development Psychology Lifespan	3
PSYCH 322	Adult Development	3
PSYCH 365	Motivation and Emotion	3
PSYCH 384	Behavioral Neurobiology	3
PSYCH 435	Health Psychology	<u>3</u>
Total Credits		12

Psychology: Recreation Leadership Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 201	Development Psychology Lifespan	3
PSYCH 342	Abnormal Psychology	3

Take 3 to 6 credits:

PSYCH 240	Psychology of Effective Living	3
PSYCH 310	Culture and Gender	2-3
PSYCH 341	Personality	3
PSYCH 350	Social Psychology	3
PSYCH 435	Health Psychology	<u>3</u>
Total Credits		12

Psychology: Pre-Health Professions Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 342	Abnormal Psychology	3
OR		

PSYCH 201	Development Psychology Lifespan	3
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Take 6 to 9 credits:

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
PSYCH 435	Health Psychology	<u>3</u>
Total Credits		12

Psychology: Sociology Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 350	Social Psychology	3

Take 6 to 9 credits:

PSYCH 201	Development Psychology Lifespan	3
PSYCH 310	Culture and Gender	2-3
PSYCH 322	Adult Development	3
PSYCH 341	Personality	3
PSYCH 342	Abnormal Psychology	3
PSYCH 365	Motivation and Emotion	3
PSYCH 376	Cognition	3
PSYCH 455	Introduction to Counseling and Psychology	<u>3</u>
Total Credits		12

Psychology: Research Methods

CS 124	Introduction to Software Development	3
FDMAT 223	Social Science Statistics	3
PSYCH 302	Research Methods	3
SOC 340	Research Methods	<u>3</u>
Total Credits		12

Psychology: Parenting Emphasis

Take these courses:

PSYCH 111	General Psychology	3
PSYCH 201	Developmental Psychology Lifespan	3

Take 6 to 9 credits:

CHILD 210	Child Development	3
CHILD 320	Adolescent Development	3
PSYCH 240	Psychology of Effective Living	3
PSYCH 310	Culture and Gender	2-3
PSYCH 350	Social Psychology	3
PSYCH 361	Principles of Learning	3
PSYCH 365	Motivation and Emotion	3
PSYCH 435	Health Psychology	<u>3</u>
Total Credits		12

Department of Sociology

Criminology

Take these courses:

SOC 330	Criminology	3
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Take 12 credits:

BIO 307	Wildlife Law and Enforcement	3
SOC 120	Introduction to Criminal Justice	3
SOC 203	Campus Officer Training	2
SOC 204	Reserve Officer Training	4
SOC 205	Criminal Investigations	3
SOC 206	Police in America	3
SOC 298	Internship in Criminal Justice	1-4
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	Corrections	<u>3</u>
Total Credits		15

Sociology

Take these courses:

SOC 111	Introduction to Sociology	3
SOC 112	Social Problems	3

Take 6 credits:

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	<u>3</u>
Total Credits		12

CLUSTERS

Brigham Young University-Idaho 2009-2010

Department of Teacher Education

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

General Education

Take these courses:

ED 200	History and Philosophy of Education	2
ED 304	Educational Psychology	3

Take 7 credits:

CHILD 210	Child Development	3
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 361	Secondary Principles of Teaching	3
ED 402	Linguistically Diverse Students - Assessment	3
ED 461	Reading in the Content Area	3
	Any Secondary Content Methods	1-3
	Total Credits	12

Elementary Literacy

Take these courses:

ED 200	History and Philosophy of Education	2
ED 344	Comprehensive Literacy 1	3
ED 345	Comprehensive Literacy 2	3

Take 4 credits:

ED 311*	Cultural Diversity Issues in Education	2
ED 312*	Culture and Diversity	2
ED 346	Literacy Practicum	1
ED 402	Linguistically Diverse Students - Assessment	3
ENG 313	Advanced Writing for Education	3
ENG 355	Childrens Literature	3
	Total Credits	12

*Students should not take both ED 311 and ED 312

Elementary Methods of Teaching

Take these courses:

CHILD 210	Child Development	3
ED 200	History and Philosophy of Education	2
ED 242	Motivation and Management	2

Take 5 credits:

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

College of Language and Letters

Department of History/Geography/Political Science

Geography

Take these courses:

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	3
	Total Credits	13

Geographic Information Systems (GIS)

Take these courses:

CIT 203	Introduction to Programming	3
CIT 320	Database Design and Development	3
GEOG 240	Maps and Remote Sensing	3

Take 1 course:

AGTEC 286	Introduction to Geographical Information Systems in Agriculture and Natural Resources	2
GEOG 230	Introduction to GIS	3

Take 1 course:

GEOG 340	Advanced GIS and spatial Analysis	3
GEOL 440	Applied GIS	3
	Total Credits	14

Secondary Education Cluster

Take these courses:

ED 200	History and Philosophy of Education	2
ED 304	Education Psychology	3
SPED 360	Exceptional Students (6-12)	2

Take 5 credits:

ED 361	Secondary Principles of Teaching	3
ED 461	Reading in the Content Area	3
	Any Secondary Content Methods	1-3
	Total Credits	12

Educational Psychology

Take these courses:

ED 424	ECSE Assessment	4
SPED 310	Exceptional Students (P-6th Grade)	3

Take 5 credits:

ED 344	Comprehensive Literacy 1	3
ED 345	Comprehensive Literacy 2	3
ED 402	Linguistically Diverse Students Assessments and Strategies	3
SPED 422	Emotional and Behavioral Disorders	2
SPED 423	Autism Spectrum Disorders	2
	Total Credits	12

CLUSTERS

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European History		
<i>Take these courses:</i>		
HIST 201	World Civilization to 1500	3
HIST 202	World Civilization Since 1500	3
<i>Take 2 courses:</i>		
HIST 304	Ancient Greece and Rome	3
HIST 306	Medieval History	3
HIST 308	Renaissance and Reformation	3
HIST 310	Northern European History	3
Total Credits		12
World History		
<i>Take these courses:</i>		
HIST 201	World Civilization to 1500	3
HIST 202	World Civilization Since 1500	3
<i>Take 2 courses:</i>		
HIST 325	The Middle East	3
HIST 330	The Far East	3
HIST 335	Africa Since 1400	3
HIST 340	Latin America	3
Total Credits		12
International Studies		
<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	Northern European History	3
HIST 325	The Middle East	3
HIST 330	The Far East	3
HIST 335	Africa Since 1400	3
HIST 340	Latin America	3
Total Credits		12
Political Science - American Politics		
<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	3
Total Credits		12
Political Science - International Politics		
<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	3
Total Credits		12
Pre-Law		
Take 12-15 credits:		
B 275	Business Law	3
COMM 102	Public Speaking	3
COMM 150	Interpersonal Communication	3
COMM 307	Media Law and Ethics	3
ENG 311	Advanced Writing and Critical Reasoning	3
ENG 373	Shakespeare	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 380	US Constitutional History and Law	3
Total Credits		12

Department of Foreign Language		
Chinese*		
<i>Take these courses:</i>		
CHIN 101	Beginning Mandarin I	4
CHIN 102	Beginning Mandarin II	4
CHIN 201	Intermediate Mandarin I	4
CHIN 202*	Intermediate Mandarin II	3
Total Credits		15
Chinese Literature		
<i>Take these courses:</i>		
CHIN 101	Beginning Mandarin I	4
CHIN 102	Beginning Mandarin II	4
CHIN 201	Intermediate Mandarin I	4
CHIN 347	Chinese Literature in Translation	3
Total Credits		15
French*		
<i>Take these courses:</i>		
FR 101	Beginning French I	4
FR 102	Beginning French II	4
FR 201	Intermediate French I	4
FR 202*	Introduction to French Literature	3
Total Credits		15
French Grammar & Composition		
<i>Take these courses:</i>		
FR 101	Beginning French I	4
FR 102	Beginning French II	4
FR 201	Intermediate French I	4
FR 321	Advanced Grammar and Composition	3
Total Credits		15
German*		
<i>Take these courses:</i>		
GER 101	Beginning German I	4
GER 102	Beginning German II	4
GER 201	Intermediate German I	4
GER 202	Introduction to German Literature	3
Total Credits		15
German Grammar & Composition		
<i>Take these courses:</i>		
GER 101	Beginning German I	4
GER 102	Beginning German II	4
GER 201	Intermediate German I	4
GER 202	Introduction to German Literature	3
Total Credits		15
Russian*		
<i>Take these courses:</i>		
RUSS 101	Beginning Russian I	4
RUSS 102	Beginning Russian II	4
RUSS 201	Intermediate Russian I	4
RUSS 202*	Intermediate Russian II	4
Total Credits		16
Russian Literature		
<i>Take these courses:</i>		
RUSS 101	Beginning Russian I	4
RUSS 102	Beginning Russian II	4
RUSS 201	Intermediate Russian I	4
RUSS 340	Russian Literature in Translation	4
Total Credits		16

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Spanish*		
<i>Take these courses:</i>		
SPAN 101	Beginning Spanish I	4
SPAN 102	Beginning Spanish II	4
SPAN 201	Second Year Spanish	4
SPAN 302*	Readings in Hispanic Literature Advanced	<u>3</u>
Total Credits		15

Spanish Grammar & Composition		
<i>Take these courses:</i>		
SPAN 101	Beginning Spanish I	4
SPAN 102	Beginning Spanish II	4
SPAN 201	Second Year Spanish	4
SPAN 302*	Advanced Grammar and Composition	<u>3</u>
Total Credits		15

Other Languages		
<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 202	Language of Choice	4
LANG 321	Advanced Grammar in Languages	3
LANG 400	Civilization and Culture	3
LANG 410	Language and Literary Traditions	<u>3</u>
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.

Department of English

Reading for a Lifetime		
<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		
<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		
<i>Take these courses:</i>		
ENG 218	Creative Writing	3
ENG 318R	Advanced Creative Writing	3
ENG 418R	Creative Writing and Publishing	3
<i>Take 1-2 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	<u>3</u>
Total Credits		12

Literary Analysis		
<i>Take these courses:</i>		
ENG 251	Fundamentals of Literary Interpretation	3
ENG 314	Advanced Research and Literary Analysis	3
ENG 440	Studies in Literary Theory	3
<i>Take 1-2 courses:</i>		
ENG 331	Medieval and Renaissance	3
ENG 332	Neoclassical 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	<u>3</u>
Total Credits		12

Professional Writing		
<i>Take these courses:</i>		
ENG 316	Advanced Writing/Technical Communication	3
ENG 325	Theory and Practice of Language	3
ENG 326	Beginning Editing	3
ENG 452	Advanced Editing	<u>3</u>
Total Credits		12

Rhetoric and Composition		
<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	<u>3</u>
Total Credits		12

Department of Humanities and Philosophy

Humanities		
<i>Take 12-15 credits:</i>		
HUM 201	Pre-historic to Renaissance	3
HUM 202	The Arts in Western Culture: Renaissance to Modern	3
HUM 266	American Humanities	3
HUM 290R	Independent Study	1-2
HUM 333	Spirituality in the Arts	3
HUM 342	Humanities in the Islamic World	3
HUM 385	Independent Study	1-3
HUM 497R	Senior Seminar	<u>3</u>
Total Credits		12

Philosophy		
<i>Take 12-15 credits:</i>		
PHIL 110	Introduction to Philosophy	3
PHIL 201	Ancient and Medieval Philosophy	3
PHIL 202	Modern Philosophy	3
PHIL 205	Introduction to 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	<u>3</u>
Total Credits		12

Ancient Languages		
<i>Take these courses:</i>		
GREEK 101	Ancient Greek I	3
GREEK 102	Ancient Greek II	3
LATIN 101	Ancient Latin I	3
LATIN 102	Ancient Latin II	<u>3</u>
Total Credits		12

CLUSTERS

Brigham Young University-Idaho 2009-2010

College of Performing and Visual Arts

Department of Music		
Instrumental Music		
<i>Take these courses for a minimum of 8 credits:</i>		
MUSIC 101	Music and Humanities	3
MUSIC 3XX	Ensembles (4 semesters)	4-8
<i>Take 1 course:</i>		
MUSIC 190	Basic Music Theory	2
MUSIC 195	Tonal Harmony I	2
<i>Take 1 course:</i>		
MUSIC 158	Applied Music Instruction (2 semesters)	2
MUSIC 160	Private Lessons	<u>2</u>
	Total Credits	12
Organ		
<i>Take these courses:</i>		
MUSIC 101	Music and Humanities	3
MUSIC 158B	Applied Music Instruction (2 semesters)	2
MUSIC 185	LDS Hymns and Doctrine	2
MUSIC 195	Tonal Harmony I	2
MUSIC 3XX	Choral Ensemble (2 semesters)	2
<i>Take 1 course:</i>		
MUSIC 106	Group Organ Instruction	2
MUSIC 158B	Applied Music Instruction (4 semesters)	4
MUSIC 160B	Applied Music Instruction (2 semesters)	<u>4</u>
	Total Credits	12
Piano Pedagogy		
<i>Take these courses (Take 265A and 265B for 2 credits):</i>		
MUSIC 265A	Piano Pedagogy 1A	1-3
MUSIC 265B	Piano Pedagogy 1B	1-3
MUSIC 363A	Piano Pedagogy IIA (Supervisory)	2
MUSIC 363B	Piano Pedagogy IIB (Supervisory)	2
<i>Take 4 credits:</i>		
MUSIC 158	Applied Music Instruction (4 semesters)	4
MUSIC 160	Applied Music Instruction (1 semester)	<u>4</u>
	Total Credits	12
Vocal Music		
<i>Take these courses:</i>		
MUSIC 104	Group Vocal Instruction	2
MUSIC 160	Applied Music Instruction (1 semester)	2
MUSIC 165A	Diction for Singers I	2
MUSIC 308	Conducting	1
MUSIC 3XX	Ensembles (4 semesters)	4
<i>Take 1 course:</i>		
MUSIC 155	Introductory Vocal Methods	2
MUSIC 158	Applied Music Instruction (2 semesters)	<u>1</u>
	Total Credits	12
Jazz Studies		
<i>Take these courses:</i>		
MUSIC 101	Music and Humanities (Jazz)	3
MUSIC 195	Tonal Harmony	2
MUSIC 246A	Jazz Improvisation I	2
MUSIC 246B	Jazz Improvisation II	2
MUSIC 3XX	Jazz Ensembles/Combos (2 semesters)	<u>2-4</u>
	Total Credits	12

Department of Interior Design

Interior Design		
<i>Take these courses:</i>		
ID 101	Design Basics	3
ID 102	Color Theory	2
ID 105	Introductory Interior Design	3
ID 136	Presentation I	3
<i>Take 1 course:</i>		
ID 380	Historical Architecture & Furniture	3
ID 381	Contemporary Architecture and Furniture	<u>3</u>
	Total Credits	14

Department of Dance		
Dance		
<i>Take 8-10 credits:</i>		
DANCE 231	Jazz Dance, Intermediate	2
DANCE 240	Modern Dance Technique I	2
DANCE 241	Modern Dance Technique II	2
DANCE 271	Clog Dance Technique I	2
DANCE 284R	Ballroom Technique I	2
DANCE 290R	Ballet Technique I	2
DANCE 331	Jazz Dance, Advanced	2
DANCE 340R	Modern Dance Technique II	2
DANCE 371	Clog Technique 2	2
DANCE 384R	Ballroom Technique 2	2
DANCE 390R	Ballet Technique II	2
DANCE 440R	Modern Dance Technique III	2
<i>Take 2-4 credits:</i>		
DANCE 242	Improvisation and Choreography	2
DANCE 295	Dance Kinesiology I	3
DANCE 356	Techniques of Teaching Dance	4
DANCE 402	History of Dance	3
DANCE 442	Choreographic Explorations	3
<i>Take 3 credits:</i>		
DANCE 131	Jazz Dance, Beginning	1
DANCE 135	Tap Dance	1
DANCE 140	Modern Dance, Beginning	1
DANCE 170	World Dance, Beginning	1
DANCE 171	Clog Dance, Beginning	1
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 190	Ballet Beginning	<u>1</u>
	Total Credits	15

Department of Art

Art - Two Dimensional Studies		
<i>Take these courses:</i>		
ART 110	Drawing I	3
ART 117	Design and Color	3
ART 210	Drawing II	3
<i>Take 1 course:</i>		
ART 250	Oil Painting I	3
ART 251	Watercolor I	3
ART 270	Printmaking I	<u>3</u>
	Total Credits	12
Art - Three Dimensional Studies		
<i>Take these courses:</i>		
ART 110	Drawing I	3
ART 220	Ceramics I	3
ART 280	Sculpture I	3
ART 320	Ceramics II	3
ART 380	Sculpture II	<u>3</u>
	Total Credits	15
Art - Graphic Design		
<i>Take these courses:</i>		
ART 117	Design and Color	3
ART 130	Introduction to Graphic Design	3
ART 230	Typography	3
ART 235	Graphic Design	3
Choose 1 Upper Division Graphic Design Course		<u>3</u>
	Total Credits	15
Art - Illustration		
<i>Take these courses:</i>		
ART 110	Drawing I	3
ART 117	Design and Color	3
ART 240	Introduction to Illustration	3
ART 312R	Figure Drawing	3
<i>Take 1 course:</i>		
ART 250	Oil Painting I	3
ART 251	Watercolor I	<u>3</u>
	Total Credits	15

CLUSTERS

Brigham Young University-Idaho 2009-2010

Art - Art History		
<i>Take these courses:</i>		
ART 201	Art History I	3
ART 202	Art History II	3
<i>Take 2 or 3 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 thw World's Religions	3
Total Credits		12

Art - Photography		
<i>Take these courses:</i>		
ART 160	Photography I	3
ART 260	Color Photography	3
ART 361	Digital Photography	3
<i>Take 2 or 3 courses:</i>		
ART 262	Photography II	3
ART 307	History of Photography	3
ART 365R	Photography III	3
ART 462	Historical Processes	3
ART 465	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		12

All Photography cluster students must own their own digital SLR camera.

There are to be no customized clusters in the photography area.

Department of Theatre		
Theatre Arts Performance		
<i>Take these courses:</i>		
TA 121	Voice Diction	2
TA 123	Acting 1	3
TA 223	Acting 2	3
<i>Take 4 credits:</i>		
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

Performing Arts Technical Theatre		
<i>Take these courses:</i>		
TA 126	Makeup	2
TA 219	Beginning Technical Theatre	3
TA 318R	Scene Painting	3-6
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

College of Physical Sciences

Architecture and Construction

(For Construction Management Majors Only)

Construction Management Business Management		
<i>Choose 1 Option</i>		
Accounting Option A		
<i>Take 1 course:</i>		
ACCTG 180	Survey of Accounting	3
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
<i>Take 1 course:</i>		
B 101	Introduction to Business	3
B 283	Entrepreneurship Skills	3
OR		
Accounting Option B		
<i>Take these courses:</i>		
ACCTG 201	Financial Accounting	3
ACCTG 202	Managerial Accounting	3
AND		
<i>Enrichment - Take 2 courses:</i>		
B 201	Introduction to Finance	3
B 220	Business Communication	3
B 247	Principles of Marketing	3
B 370	Human Resource Management	3
B 380	Introduction to Internatioanal Business	2
B 413	Real Estate (Prereq B 201)	3
ECON 112	Economic Principles and Problems - Micro	3
FDMAT 221	Business Statistics	3
Total Credits		12

NOTE: Students may choose from one of the CM clusters below or they may establish a Specialized Cluster by selecting 12 credits from any of the other CM clusters. Clusters using classes that are not in the CM cluster lists need to be approved and signed by your academic advisor before beginning the coursework.

Commercial Construction		
<i>Take 12 Credits:</i>		
ARCH 270	Specifications	3
ARCH 300	Sustainable Design and Construction	3
CONST 340	Fundamentals of Land Survey	3
CONST 350	Soils and Equipment	3
CONST 400	Advanced Estimating	3
ME 105	Basic Welding	4
SPAN	Any Spanish Course	3-4
Total Credits		12

Architecture		
<i>Take 12 Credits:</i>		
ARCH 110	Architectural Computer Aided Design	3
ARCH 160	Architectural Design and Drafting	3
ARCH 210	Advanced Architectural CAD	3
ARCH 260	Rendering and Perspective	3
ARCH 270	Specifications	3
ARCH 280	Building Information Modeling	3
ARCH 300	Sustainable Design and Construction	3
ME 115	Computerized Technical Illustration	2
Total Credits		12

Residential Construction		
<i>Take 12 Credits:</i>		
ARCH 300	Sustainable Design and Construction	3
CONST 210	Finishing Systems	3
CONST 230	Mechanical Systems	3
CONST 240	Electrical Systems	3
CONST 250	Steel Structural Systems	3
CONST 350	Soils and Equipment	3
CONST 460	Residential Construction Practice	2
ME 105	Basic Welding	4
SPAN	Any Spanish Course	3-4
Total Credits		12

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Automotive

Automotive Technology		
<i>Take these courses:</i>		
AUTO 100	Beginning Auto	1
AUTO 118	Auto Maintenance	1
<i>Take 2 courses:</i>		
AUTO 155	Brakes, Suspension & Alignment	4
AUTO 225	Automotive Electricity/Electronics	6
AUTO 235	Auto Engine Performance	6
Total Credits		12

Chemistry

Chemistry		
<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
CHEM 351*	Organic Chemistry	4
CHEM 352*	Organic Chemistry	4
Total Credits		12

*Chem 150 can't count with Chem 351 and/or 352

Computer Science and Engineering

Computer Science		
<i>Take these courses:</i>		
CS 124	Introduction to Software Development	3
CS 165	Object-oriented Software Development	3
<i>Take 2 courses:</i>		
COMPE 224	Fundamentals of Digital Systems	3
COMPE 324	Computer Architecture	3
CS 213	Web Engineering I	3
CS 235	Data Structures	3
CS 237	Discrete Mathematics I	3
CS 238	Discrete Mathematics II	3
CS 246	Software Design and Development	3
CS 371	Human-Computer Interaction	3
CS 460	Computer Communication & Networks	3
Total Credits		12

Computer Engineering		
<i>Take these courses:</i>		
COMPE 150	Electric Circuit Analysis I	3
COMPE 224	Fundamentals of Digital Systems	3
CS 124	Introduction to Software Development	3
CS 165	Object-Oriented Software Development	3
Total Credits		13

Mathematics

Math		
<i>Take at least 12 credits from Mathematics courses numbered 111 or higher.</i>		
Total Credits		12

Mechanical Engineering

Engineering Cluster		
<i>Take this course:</i>		
ME 172	Visualization in Engineering Design	3
<i>Take 4 credits:</i>		
ME 105	Essentials of Welding	4
ME 131	Manufacturing Processes I	2
ME 132A*	Manufacturing Processes II	2
ME 132B*	Manufacturing Processes III	2
*Only 1 of these 2 classes may be taken for credit		
<i>Take 8 credits:</i>		
FDMAT 112	Calculus I	4
ME 142	Engineering Computation I	2
ME 201	Engineering Mechanics: Statics	2
ME 202	Strength of Materials	3
ME 204	Engineering Mechanics: Dynamics	3
ME 210	Measurement & Instrumentation	1
ME 218	Materials Lab	1
ME 250	Materials Science	3
ME 280	ME Design I	3
Total Credits		15

Geology

Geology		
<i>Take 1 course:</i>		
GEOL 101	Introduction to Physical Geology	3
GEOL 104	Natural Disasters and Resources	3
GEOL 111	Physical Geology	3
<i>Take these courses:</i>		
GEOL 111L	Physical Geology Lab	1
GEOL 112	Historical Geology	3
GEOL 112L	Historical Geology Lab	1
<i>Take 1 class from group A or at least 4 credits from Group B:</i>		
Group A		
GEOL 250	Rocks and Minerals	4
GEOL 350	Mineralogy and Petrology	4
Group B		
GEOL 240	Oceanography & Meteorology	3
GEOL 240L	Oceanography & Meteorology Lab	1
GEOL 311	Structural Geology	4
GEOL 340	Introduction to GIS/GPS	3
GEOL 370	Stratigraphy & Sedimentation	4
GEOL 380	Regional Geology	4
GEOL 404	Environmental Geology	3
GEOL 411	Geomorphology	3
GEOL 420	Geochemistry	3
GEOL 425	Petroleum Geology	3
GEOL 435	Hydrology	3
GEOL 440	Applied GIS	3
GEOL 445	Geophysics	3
GEOL 480	Paleontology	3
Total Credits		12

Geographical Information Systems		
<i>Option 1 (Recommended for geologists)</i>		
<i>Take 1 course:</i>		
GEOL 340	Introduction to GIS/GPS	3
OR		
<i>Option 2 (Recommended for geographers)</i>		
<i>Take these courses:</i>		
GEOG 230	Introduction to GIS	3
GEOG 340	Advanced GIS and Spatial Analysis	3
AND		
<i>Take courses below for a total of 12 credits:</i>		
CS 124*	Introduction to Software Development	3
CIT 203*	Introduction to Programming	3
FDMAT 221**	Business Statistics	3
FDMAT 222**	Bio Statistics	3
GEOG 240	Maps and Remote Sensing	3
GEOL 440	Applications of GIS in Geology	3
Total Credits		12

*Students cannot take both CS 124 and CIT 203
 **Students cannot take both FDMAT 221 and FDMAT 222

Physics

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

Physics Exposure		
<i>Take either</i>		
PH 105	Introductory Applied Physics I	4
PH 106	Introductory Applied Physics II	4
OR		
PH 115	Pre-Med Professional Physics I	4
PH 116	Pre-Med Professional Physics II	4
AND		
PH 311	Physics by Inquiry I	3
PH 314	History/Philosophy of Science	3
Total Credits		14

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Physical Science

Physical Science and Mathematics

Take 12 credits from at least 2 of the following areas:

Chemistry

CHEM 105	General Chemistry	4
CHEM 106	General Chemistry	4

Physics

PH 105	Introductory Applied Physics I	4
PH 106	Introductory Applied Physics I	4
OR		
PH 115	Pre-Med Professional Physics I	4
PH 116	Pre-Med Professional Physics II	4
OR		
PH 121	Principles of Physics I	3
PH 123	Principles of Physics II	3
PH 220	Principles of Physics III	3

Geology

Take 1 course:

GEOL 101	Introduction to Physical Geology	3
GEOL 104	Natural Disasters and Resources	3
GEOL 111	Physical Geology	3

Take these courses:

GEOL 111L	Physical Geology Lab	1
GEOL 112	Historical Geology	3
GEOL 112L	Historical Geology Lab	1

Mathematics

Take any Math class numbered 111 or higher		<u>3</u>
Total Credits		12