



WESTMINSTER COLLEGE

Fontbonne Equivalencies for BIOLOGY MAJOR

Course #	Title of Course	Hours Required	Fontbonne Equivalencies	Approved Substitutions
Prerequisites are in parenthesis				
Required Courses:				
Level One	Introductory Courses (This level MUST be completed before level II (8 hours))			
BIO 114/115	Biological Processes	4	BIO 134	
BIO 124/125	Biodiversity	4	BIO 132	
Level Two	Intermediate Courses (Students take 2 of the following courses. At least 1 course from this group MUST be completed before Level III. The 2nd course MUST be completed by the end of the Junior year (8 hours).)			
BIO 205	Ecology and Field Biology (BIO 124/125)	4	BIO 236	
BIO 212	Research Methods (BIO 114/115, 124/125 OR	3		
BIO 301	Genetics (BIO 114/115, 124/125)	4	BIO 212 + BIO 213	
BIO 302	Human Anatomy (BIO 114/115, 124/125)	4		
Level Three	Advanced Courses (18-20 hours): Students must take 5 courses with at least one course from each track and at least 3 of the courses must include a laboratory experience. One course may be a third course from Level Two. Independent research may count for one course (3-4 hours) for the Level Three requirement. Completion of at least one WI/WIO course in the major is highly recommended. *Note: some courses in Level Three may have specific prerequisites from Level Two.			
A	Cellular Biology, Molecular Biology & Human Health			
BIO 304	Immunology (BIO 114/115, 124/125)	3	BIO 322	
BIO 303	Microbiology (BIO 114/115, 124/125- BIO 301 recommended)	4	BIO 250+BIO 245	
BIO 325	Molecular Cell Biology (BIO 114/115, 124/125 - BIO 301 recommended)	4		
BIO 330	Virology (BIO 114/115, 124/125 - BIO 301	3		
BIO 372	Developmental Biology (BIO 114/115, 124/125)	4		
BIO 398	Ind. Research (<i>Cell/Human health focus</i>)	3-4		
BIO 404	Biochemistry (CHM 314/315,324/325 & BIO 114/115,124/125)	4		
BIO 415	Human Gross Anatomy (BIO 114/115, 124/125, 302)	4		
BIO 420	Physiology (BIO 114/115, 124/125 & BIO 302)	4		
B	Organismal Biology			
BIO 204	Animal Behavior (BIO 114/115, 124/125)	4		
BIO 315	Entomology (BIO 114/115, 124/125)	4		
BIO 318	Ornithology (BIO 114/115, 124/125)	4		
GEO 335	Paleontology (GEO 108,203 OR BIO 124/125)	4		
BIO 398	Ind. Research (<i>Organismal focus</i>)	3-4		

C	<i>Ecosystems: Characteristics, Processes & Management</i>		
BIO 310	Environmental Toxicology (BIO 114/115, 124/125)	3	CHM 320
ENV 350	Conservation Biology (BIO 114/115, 124/125 OR ENV 105)	3	BIO 332
BIO 398	Ind. Research (<i>Ecosys./Ecological focus</i>)	3-4	
Capstone Course (<i>must be completed in the Jr or Sr Year</i>)			
BIO 450	Evolution (BIO 114/115, 124/125)	3	BIO 320
Other Required Courses (3-5 hours)			
MAT 114	Elementary Statistics (MAT 110/111 OR ACT 23	3	MTH 114 or MTH 125
OR MAT 124	Calculus I (MAT 121 OR ACT 25 OR HIGHER)	5	MTH 150
TOTAL HOURS FOR MAJOR		39-44 hrs.	

CHM 106=CHM 114/115

CHM 108= CHM 124/125

CHM 210+ 211 = CHM 314+315+299 (1)

MTH 150+151+250 SHOULD EQUAL TOGETHER 124+214+224

DEPENDING on THE TOPIC BIO 295 AND 495 COULD BE THE EQUIVALENT OF 398

BIO201+202 COULD BE AN EQUIVALENT OF MAT 115 OR THE R STUDIO CLASS IN MATH

PHY208+228=PHY 202

PHY 210+PHY230= PHY 213

BIO 325=HES 261

Bio 207 could count as an organismal class even though it doesn't have a lab, it could fulfill that level IIIB if there were enough credits elsewhere.

Bio 330 could also transfer in as an upper-level Level III class. We don't have an equivalent, but it fits the ecosystems IIIC category and would transfer as 499.

ONE 421 could also transfer in as an upper-level Level III class. we don't have an equivalent, but it fits the Ecosystems IIIC category and would transfer as 499



Fontbonne Equivalencies for ENGLISH MAJOR - NO EMPHASIS

Course #	Title of Course	Hours Required	Fontbonne Equivalencies	Approved Substitutions
Required Courses:				
<i>Prerequisites are in parenthesis</i>				
200-level Literature Courses (6 hrs.):				
ENG 205	Topics in British Literature to 1800	3	ENG 240	
ENG 206	British Literature since 1800	3	ENG 241	
ENG 238	American Literature to the Civil War	3	ENG 260	
ENG 239	American Literature since the Civil War	3	ENG 261	
ENG 248	Topics in World Literature to 1800	3		
ENG 249	World Literature since 1800	3	ENG 251	
200-level Writing/Theory Courses (6 hrs.):				
ENG 275	Introduction to Creative Writing	3	ENG 290	
ENG 290	Intro to Literary Studies: Critical Approaches and Research Methods	3		ENG 370
300-and 400-level Literature Courses (9 hrs.):				
ENG 315	Literary Modes and Genres	3		ENG 383
ENG 325	Literary Movements	3		ENG 340
ENG 330	Literary Visions and Revisions	3		ENG 382
ENG 335	A Sense of Place	3		
ENG 340	Gender and Literary Expression	3		
ENG 345	Ethnic Literature	3		
ENG 350	Studies in the Author	3	ENG 320	
ENG 355	Literature and the Other Arts	3		
300-or 400-level Elective (3 hrs.):				
	*	3		
Electives (12 hours):				
	*	3		
	*	3		
	*	3		
	*	3		
ENG 420	Honors Project I	3		
ENG 430	Honors Project II	3		
Total Hours		36 hrs.		

- Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, and British/World Literature.
- Note: To be eligible for the Honors Sequence in Literature, a student must:
 1. Have an overall grade point average of no less than 3.25,
 2. Have an English grade point average of no less than 3.5,
 3. Have received a "B" or better in ENG 290: Critical Practicum.



WESTMINSTER COLLEGE

Fontbonne Equivalencies for ENGLISH CREATIVE WRITING MAJOR

Course #	Title of Course	Hours Required	Fontbonne Equivalencies	Approved Substitutions
Required Courses:				
200-level Literature Courses (6 hrs.):				
ENG 205	Topics in British Literature to 1800	3	ENG 240	
ENG 206	British Literature since 1800	3	ENG 241	
ENG 238	American Literature to the Civil War	3	ENG 260	
ENG 239	American Literature since the Civil War	3	ENG 261	
ENG 248	Topics in World Literature to 1800	3		
ENG 249	World Literature since 1800	3	ENG 251	
200-level Writing/Theory Courses (9 hrs.):				
ENG/JMP 220	Janus & The World of Publishing	3	COM 208	
ENG 275	Introduction to Creative Writing	3	ENG 290	
ENG 290	Introduction to Literary Studies: Critical Approaches and Research	3		ENG 370
300-and 400-level Writing/Literature Courses (15 hrs.):				
<i>THREE of the following:</i>				
ENG 372	Creative Writing Fiction	3		ENG 312
ENG 374	Creative Writing Poetry	3	ENG 311	
ENG 376	Creative Writing Nonfiction	3	ENG 304	
ENG 378	Playwriting	3	ENG 313	
<i>Two of the following:</i>				
ENG 315	Literary Modes and Genres	3		ENG 383
ENG 325	Literary Movements	3		ENG 340
ENG 330	Literary Visions and Revisions	3		ENG 382
ENG 335	A Sense of Place	3		
ENG/WGS 340	Gender and Literary Expression	3		
ENG 345	Ethnic Literature	3		
ENG 350	Studies in the Author	3	ENG 320	
ENG 355	Literature and the Other Arts	3		
Electives (6 hours):				
	*	3		
	*	3		
<i>May Include:</i>				
ENG 420	Honors Project I	3		
ENG 430	Honors Project II	3		
TOTAL HOURS FOR MAJOR		36 hrs.		

- Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, and British/World Literature.
- Note: To be eligible for the Honors Sequence in Literature, a student must:
 1. Have an overall grade point average of no less than 3.25,
 2. Have an English grade point average of no less than 3.5,
 3. Have received a "B" or better in ENG 290: Critical Practicum.



WESTMINSTER COLLEGE

Fontbonne Equivalencies for EXERCISE SCIENCE MAJOR

Course #	Title of Course	Hours Completed	Fontbonne Equivalencies	Approved Substitution
<i>Prerequisites are in parenthesis</i>				
Required Courses				
HES 101	Introduction to Exercise Science	1	EXS 100	
BIO 114/115	Biological Processes	4	BIO 134	
BIO 124/125	Biodiversity	4	BIO 132	
BIO 302	Human Anatomy* (BIO 114/115,124/125)	4		BIO 220
BIO 420	Physiology (BIO 114/115,124/125 & BIO 302 OR 322)	4		BIO 222
CHM 114/115	Chemistry I	4	CHM 106	
CHM 124/125	Chemistry II (CHM 114/115)	4	CHM 108	
HES/PSY 231	Sports Psychology	3		
HES 232	Care and Prevention of Athletic Injuries	3		
HES 251	Introduction to Nutrition	3	NTR 216	SPT 213
HES 321	Kinesiology (NSC 210 OR BIO 114/115 OR BIO 124/125)	3	EXS 306	
HES 340	Exercise Physiology (BIO 114/115/,124/125 (WITH A B- OR HIGHER) OR NSC 210)	3	EXS 302	
HES 342	Exercise Prescription (HES/PED 340)	3		
	Capstone Research or Field Experience in Exercise	3	EXS 395	
TOTAL HOURS FOR MAJOR		46 hrs.		
Optional courses				
HES 215	Motor Learning	3		EXS 310
HES 350	Theories of Adapted Physical Education (One of the Following: SOC 111, NSC 210, EDU 230, PHL 101 OR HES/GTS 240)	3		
HES 406	Management in PE & Athletics (HES 101,220 OR BUS 205)	2		
<p style="text-align: center;">*Students who need extra preparation for BIO 302 <i>Human Anatomy</i> are advised to take NSC 210 <i>Anatomy and Physiology I.</i></p>				



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Fontbonne Equivalencies for HEALTH AND WELLNESS MAJOR

Course #	Title of Course	Hours Required	Fontbonne Equivalencie	Approved Substitution
Prerequisites are in parenthesis				
Required Courses (42 hrs.):				
HES 101	Intro to Exercise Science	1	EXS 100	
HES 104	First Aid/CPR	1		
HES 204	Fitness and Wellness Concepts	3	HEP 119	
HES 220	Sports in Social Science	2	SPT 310	SOC 311
HES/PSY 231	Sports Psychology	3		
HES 232	Care and Prevention of Athletic Injuries	3		
HES 251	Introduction to Nutrition	3	NTR 216	
HES 342	Exercise Prescription (HES/PED 340)	3		
HES 309	History and Philosophy of PE	2		SPT 100
HES 321	Kinesiology (NSC 210 OR BIO 114/115 OR BIO 124/125)	3	EXS 306	
HES/PED 340	Exercise Physiology (BIO 114/115, BIO 124/125 OR NSC 210)	3	EXS 302	
HES 405	Test and Measurement (MAT 114)	3		PSY 391
HES 406	Management in PE (HES 101 OR HES 220 OR BUS 205)	2		
3- PED activity courses in different areas (3 hrs.)				
ITS 398/399	Capstone	3	EXS 395/495/497	
NSC 210	Anatomy and Physiology I	4	BIO 220	
Electives (3 hrs. choose one course from the list below)				
HES 205	Stress Management	3		
HES/EDU 207	School Health, PE & Safety in Elementary	3		
HES/GTS 240	Introduction to Global Public Health	3		
HES 350	Theories of Adapted Physical Education (One of the Following: SOC 111, NSC 210, EDU 230, PHL 101 OR HES/GTS 240)	3		
HES/WGS 355	Women's Health Issues (One of the Following: PSY 112,113, NSC 108, BIO 114/115, SOC 111, WGS 210 OR REL/PHL 102)	3		NUR 410
HES 357	Community Nutrition (One of the Following: PSY 112,113, NSC 210, BIO 114/115, 124/125, SOC 111, ECN 212, POL 112 OR PHL 101)	3		NTR 410
PSY/WGS 301	Human Sexual Behavior (PSY 112 OR 113)	3		SWK 371
PSY 330	Addictive Disorders (One of the Following: PSY 274, 290, NSC 210 OR BIO 114/115)	3		PSY 315
TOTAL HOURS FOR MAJOR		45 hrs.		



WESTMINSTER COLLEGE

Fontbonne Equivalencies for HISTORY MAJOR

Course #	Title of Course	Hours Required	Fontbonne Equivalencies	Approved substitution
Prerequisites are in the parenthesis				
Required Courses:				
HIS 103	History of the United States to 1877	3	HST 105	
HIS 104	History of the United States since 1877	3	HST 106	
HIS 109	World History I	3	HST 103	
HIS 110	World History II	3	HST 104	
HIS 390	Historical Methods (2 100-Level History Courses)	3	HST 250	
HIS 396	Applied History (HIS 390)	1		
HIS 397	History for the Public (HIS 390)	1		
HIS 422	Thesis I (HIS 390)	2		
HIS 423	Thesis II (HIS 422)	3		
HIS 424	Thesis 111 Rewrite (HIS 423)	1		
Total Required Hours		23 hrs.		
Four upper-level history courses, including at least one with each full-time department member				
Upper-level Course # 1		3	HST 360	HST 303 / 305/307/309/ 314/ 350/366/ 368
Upper-level Course # 2		3	HST 335	310/ 331/340/440
Upper-level Course # 3		3		HST 490
Upper-level Course # 4		3		HST 494
Total Elective Hours		12 hrs.		
Total Hours for the major		35 hrs.		
Additional Upper-Level Course ONLY if taking the Education / Non-Thesis Route: HST 496 Capstone				
Total Hours for non-thesis option		38 hrs.		



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Fontbonne Equivalencies for SPORTS MANAGEMENT MAJOR (self-designed)

Course #	Title of Course	Hours Required	Fontbonne Equivalencies	Approved Substitutions
Prerequisites are in the parenthesis				
Required Courses:				
ACC 215	Principles of Financial Accounting	3	ACT 210	
BUS 205	Introduction to Sports Management	3	SPT 101	
BUS 210	Spreadsheet Applications in Business	3	CIS 110	SPT 205
BUS 220	Fundamentals of Management	3	MGT 210	
BUS 223	Business Law	3	BSA 210	SPT 300
BUS 250	Principles of Marketing	3	MKT 210	
BUS 315	Sports Promotion and Sales Management (ACC 215, BUS 205,220,250)	3	SPT 260	
FIN 318	Corporate Financial Management (ACC 215 AND BUS 210 [Previous/concurrent])	3	FIN 310	SPT 370
HES 220	Social Science in Sport	2	SPT 310	
SPE 220	Public Relations	3		COM 102
ITS 399	Internship	3	SPT 495	
BUS 330	Advertising and Brand Management (BUS 250)	3	MKT 320	
BUS 345	Digital Marketing (BUS 220, 250)	3	MKT 356	
BUS 326	Human Resource Management (BUS 220 OR 221)	3	HRM 310	
BUS 327	Operations Management (MAT 114 AND BUS 210)	3	MGT 350	SPT 330
TOTAL HOURS FOR MAJOR		54 hrs.		

SPORT AND FITNESS MANAGEMENT – FONTBONNE EQUIVALENCIES

Course #	Title of Course	Credit Hours	Fontbonne Equivalent	Approved Substitution
Required Health and Exercise Science Courses (21 credit hours)				
HES 101	Introduction to Exercise Science	1	EXS 100	
HES 104	First Aid and Basic Life Saving	1		
HES 220	Social Science in Sports	2	SPT 310	
HES 231	Sports Psychology	3		
HES 232	Care and Prevention of Athletic Injuries	3		
HES 309	History and Philosophy of Physical Education	3		SPT 100
HES 406	Management in Physical Education and Athletics (HES 101, HES 220, BUS 205, OR BUS 220)	2		SPT 213
PED 315	Coaching Theories (PHL 101, HES/PSY 231, OR HES 232)	2		
PED 325	Sports Officiating (PHL 101, HES/PSY 231, OR HES 232)	1		
HES 204	Fitness and Wellness Concepts	3	HEP 119	
Required Business Courses (30 credit hours)				
ACC 215	Principles of Financial Accounting	3	ACT 210	
BUS 205	Introduction to Sport Management	3	SPT 101	
BUS 210	Spreadsheet Application in Business	3	CIS 110	
BUS 220	Fundamentals of Management	3	MGT 210	
BUS 223	Business Law	3	BSA 210	
BUS 250	Principles of Marketing	3	MKT 210	
BUS 315	Sport Promotion and Sales Management (ACC 215, BUS 205, BUS 220, AND BUS 250)	3	SPT 260	
BUS 3##	Event and Facility Management (BUS 220)	3	SPT 240	
BUS 326	Human Resource Management (BUS 220 OR BUS 221)	3	HRM 310	
SPE 220	Public Relations	3		COM 102
ITS 399	Internship in Sport and Fitness Management	3	SPT 495	
Total Credit Hours for Major		54		