

**B.S. in Bioinformatics -- Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is a semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>	
<b>BINF</b>									
<b>Lower Division Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5		
		BIOL 201	BIOL 2010			5	5		
		BIOL 202	BIOL 2020			5	5		
		CHEM 215	CHEM 2100 + CHEM 2100L			6	5		
		CHEM 216	CHEM 2200 + CHEM 2200L			6	5		
		CHEM 221A	CHEM #OrganicChemistryLecture			3	3		
		CHEM 222A	CHEM #OrganicChemistryLecture			3	3		
		CHEM 223A	CHEM #OrganicChemistryLecture			3	3		
		CSE 122	CSE 1220			2	3	not required in Semester System	
		CSE 201	CSE 2010			4	4		
		CSE 202	CSE 2010			4	4		
		MATH 211	Math 2210			4	4		
		MATH 212	Math #Calculus II	Math #AppliedLinearAlgebra		4	4		
		MATH 260	CSE #262			4	3		
		MATH 272	CSE 2071			4	3		
		PHIL 191	PHIL #191			4	4	not required in Semester	
<b>Upper Division Requirements</b>	Required courses	BIOL 300	BIOL #Molecular Lecture			5	4		
		BIOL 400	BIOL #Molecular Lecture			5	5		
	A minimum of 5 units chosen from	BIOL 423							
		BIOL 424							
		BIOL 431							
		BIOL 440	BIOL 4000-level				5	5	not required in Semester
		BIOL 450							
		BIOL 455							
	Required courses	CHEM 436A	CHEM #BioChemistry Lecture				4	3	
		CHEM 436B	CHEM #BioChemistry Lecture				1	1	
		CSE 330	CSE 2020				4	4	
		CSE 431	CSE 4310				4	3	
		CSE 500	CSE 5000				4	0	not required in Semester System
		CSE 535	CSE 5350				4	3	
		CSE 550	CSE 5500				4	3	
		CSE 516 or CSE 551	CSE 5160 or CSE 5510				4	3	
CSE 572		CSE 5720				4	3		
MATH 372		Math #372				4	4		
<b>Total</b>						<b>118</b>	<b>79</b>		

**B.S. in Biology -- Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is <b>no</b> semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>					
<b>BIOL-BS</b>													
<b>Lower Division Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5						
		BIOL 201	BIOL 2010 & BIOL 2020			5							
		BIOL 202	BIOL 2020			5	5						
		CHEM 215	CHEM 2100 & CHEM 2100L			6	5						
		CHEM 216	CHEM 2200 & CHEM 2200L			6	5						
<b>Organic Chemistry (a minimum of 12 units chosen from Group A or Group B)</b>	Group A	CHEM 221A	CHEM 2400			12-15	8-10						
		CHEM 221B	CHEM 2400L										
		CHEM 222A	CHEM 2400 & CHEM 2500										
		CHEM 222B	CHEM 2400L & CHEM 2500L										
	Group B	CHEM 223A	CHEM 2500										
		CHEM 223B	CHEM 2500L										
		CHEM 321	CHEM 3400										
		CHEM 322	CHEM 3400 & CHEM3500										
<b>Mathematics</b>	One course chosen from	MATH 192	MATH 1601			4	3-4						
		MATH 211	MATH 2210										
<b>Physics (a minimum of 13 units chosen from Group A or Group B)</b>	Group A	PHYS 121	PHYS 2000 & 2000L			13-15	9-10						
		PHYS 122	PHYS 2000 & 2010L										
		PHYS 123	PHYS 2010 & 2010L										
	Group B	PHYS 221	PHYS 2500 & 2500L										
		PHYS 222	PHYS 2500 & 2500L & PHYS 2510 & 2510L										
<b>Upper Division Requirements</b>	Required courses	BIOL 300	BIOL 3100			5	4						
		BIOL 400	BIOL 3120			5	4						
		BIOL 423	BIOL 3300			5	4						
		BIOL 450 or BIOL 455	BIOL 3800			5	4						
		BIOL 501	BIOL 5000			1	1						
<b>A minimum of 31 units of upper division biology courses (excluding BIOL 301, BIOL 304, BIOL 305, BIOL 306, BIOL 314, BIOL 349, and BIOL 503) with at least one course from each of Groups A and B</b>	Group A	BIOL 319	BIOL 3520			31	30	Groupings of courses and number of units in each will be transformed for semesters  4 + 4 = 8 total for 2 sem courses- must take both					
		BIOL 324	BIOL 33540										
		BIOL 431	BIOL 4510										
		BIOL 320	BIOL 3200										
		BIOL 331	BIOL 3410										
	Group B	BIOL 335	BIOL 3460										
		BIOL 340	BIOL 3400										
		BIOL 347	BIOL 3420										
		BIOL 420	BIOL 4200										
		BIOL 424	BIOL 3630 & BIOL 3640										
		BIOL 440	BIOL 4400										
		BIOL 516	BIOL 5160										
		BIOL 517	BIOL 5170										
		BIOL 524	BIOL 5420										
		BIOL 573	BIOL 5370										
		May count as 5 of the 31 units in UD elective course work		CHEM 436A	CHEM 4100								
				CHEM 436B	CHEM 4100L								
		<b>Total</b>							<b>108-113</b>	<b>87-91</b>			

**B.A. in Biology -- Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAVIS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is a semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>				
<b>BIOL-BA</b>												
<b>Lower Division Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5					
		BIOL 201	BIOL 2010 & BIOL 2020			5	5					
		BIOL 202	BIOL 2020			5	5					
		CHEM 215	CHEM 2100 & CHEM 2100L			6	5					
		CHEM 216	CHEM 2200 & CHEM 2200L			6	5					
<b>Organic Chemistry (a minimum of 9 units chosen from Group A or Group B)</b>	Group A	CHEM 221A	CHEM 2400			9-15	8-10					
		CHEM 222A	CHEM 2400 & CHEM 3500									
		CHEM 223A	CHEM 2500									
	Group B	CHEM 321	CHEM 3400									
		CHEM 322	CHEM 3400 & CHEM 3500									
Group B	CHEM 323	CHEM 3500										
	CHEM 323	CHEM 3500										
<b>Mathematics</b>	One course chosen from	MATH 192	MATH 160L			4	3-4					
		MATH 211	MATH 2210									
<b>Physics (a minimum of 13 units chosen from Group A or Group B)</b>	Group A	PHYS 121	PHYS 2000 & 2000L			13-15	9-10					
		PHYS 122	PHYS 2000 & 2000L & PHYS 2010 & 2010L									
		PHYS 123	PHYS 2010 & 2010L									
	Group B	PHYS 221	PHYS 2500 & 2500L									
		PHYS 222	PHYS 2500 & 2500L & PHYS 2510 & 2510L									
PHYS 223	PHYS 2510 & 2510L											
<b>Upper Division Requirements</b>	Required courses	BIOL 300	BIOL 3100			5	4					
		BIOL 400	BIOL 3120			5	4					
		BIOL 423	BIOL 3300			5	4					
		BIOL 450 or BIOL 455	BIOL 3800			5	4					
		BIOL 591	BIOL 5000			1	1					
<b>A minimum of 16 units of upper division biology courses (excluding BIOL 301, BIOL 304, BIOL 305, BIOL 306, BIOL 314, BIOL 349, and BIOL 503) with at least one course from each of Groups A and B</b>	Group A	BIOL 319	BIOL 3520			16	30	4 + 4 = 8 total for 2 sem courses- must take both				
		BIOL 354	BIOL 53540									
		BIOL 431	BIOL 4510									
		BIOL 320	BIOL 3200									
	BIOL 331	BIOL 3410										
	BIOL 335	BIOL 3460										
	BIOL 340	BIOL 3490										
	BIOL 342	BIOL 3420										
	Group B	BIOL 420	BIOL 4200									
		BIOL 424	BIOL 3630 & BIOL 3640									
		BIOL 440	BIOL 4400									
		BIOL 516	BIOL 5160									
		BIOL 517	BIOL 5170									
		BIOL 524	BIOL 5420									
		BIOL 573	BIOL 5370									
		<b>Total</b>								<b>90-98</b>	<b>87-91</b>	

**B.S. in Biology and Doctor of Osteopathic Medicine Articulation Program – Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is <b>no</b> semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>	
<b>BPMD</b>									
<b>Lower Division Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5		
		BIOL 201	BIOL 2010 & BIOL 2020			5	5		
		BIOL 202	BIOL 2020			5	5		
		CHEM 215	CHEM 2100 & CHEM 2100L			6	5		
		CHEM 216	CHEM 2200 & CHEM 2200L			6	5		
<b>Organic Chemistry (a minimum of 12 units chosen from Group A or Group B)</b>	Group A	CHEM 221A	CHEM 2400			12-15	8-10		
		CHEM 221B	CHEM 2400L						
		CHEM 222A	CHEM 2400 & CHEM 2500						
		CHEM 222B	CHEM 2400L & CHEM 2500L						
		CHEM 223A	CHEM 2500						
		CHEM 223B	CHEM 2500L						
	Group B	CHEM 321	CHEM 3400						
		CHEM 322	CHEM 3400 & CHEM3500						
		CHEM 323	CHEM 3500						
<b>Mathematics</b>	One course chosen from	MATH 192	MATH 1601			4	3-4		
		MATH 211	MATH 2210						
<b>Physics (a minimum of 13 units chosen from Group A or Group B)</b>	Group A	PHYS 121	PHYS 2000 & 2000L			13-15	9-10		
		PHYS 122	PHYS 2000 & 2000L & PHYS 2010 & 2010L						
		PHYS 123	PHYS 2010 & 2010L						
	Group B	PHYS 221	PHYS 2500 & 2500L						
		PHYS 222	PHYS 2500 & 2500L & PHYS 2510 & 2510L						
		PHYS 223	PHYS 2510 & 2510L						
<b>Upper Division Requirements</b>	Required courses	BIOL 300	BIOL 3100			5	4		
		BIOL 320 or BIOL 420	BIOL 3200 or BIOL 4200			6	4-5		
		BIOL 323	BIOL 4630			6	5		
		BIOL 324	BIOL 4640			6	5		
		BIOL 354	BIOL 3540			6	4		
		BIOL 400	BIOL 3120			5	4		
		BIOL 423	BIOL 3300			5	4		
		BIOL 424	BIOL 3630 & BIOL 3640			6	8	4 + 4 = 8 total for 2 sem courses- must take both	
		BIOL 450 or BIOL 455	BIOL 3800			5	4		
		CHEM 436A	CHEM 4100			4	3		
		CHEM 437A	CHEM 4100 + CHEM 4200			3	3		
		CHEM 438A	CHEM4200			3	3		
		Other courses which may be used for preparation for the program	BIOL 342	BIOL 3420			0	0	These courses are recommended but not required. Biol371 has not been offered recently (last 5 years) and an equivalent course is not part of the semester program.
			BIOL 371	None					
			BIOL 380	BIOL 4580					
	BIOL 572		BIOL 5320						
	BIOL 573		BIOL 5370						
	BIOL 576	BIOL 5670							
			BIOL 580	BIOL 5150					
	<b>Total</b>						<b>116-121</b>	<b>88-93</b>	

**B.S. in Biology - Ecology and Evolution Option -- Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is an acceptable semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>	
<b>BIEC</b>									
<b>Lower Division Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5		
		BIOL 201	BIOL 2010 & BIOL 2020			5	5		
		BIOL 202	BIOL 2020			5	5		
		CHEM 215	CHEM 2100 & CHEM 2100L			6	5		
<b>Organic Chemistry (a minimum of 12 units chosen from Group A or Group B)</b>	Group A	CHEM 216	CHEM 2200 & CHEM 2200L			6	5		
		CHEM 221A	CHEM 2400						
		CHEM 221B	CHEM 2400L						
		CHEM 222A	CHEM 2400 & CHEM 2500						
		CHEM 222B	CHEM 2400L & CHEM 2500L						
		CHEM 223A	CHEM 2500						
	Group B	CHEM 223B	CHEM 2500L						
		CHEM 321	CHEM 3400						
		CHEM 322	CHEM 3400 & CHEM 3500						
		CHEM 323	CHEM 3500						
<b>Mathematics</b>	One course chosen from	MATH 192 MATH 211	MATH 1601 MATH 2210		4	3-4			
<b>Physics (a minimum of 13 units chosen from Group A or Group B)</b>	Group A	PHYS 121	PHYS 2000 & 2000L						
		PHYS 122	PHYS 2000 & 2000L & PHYS 2010 & 2010L						
		PHYS 123	PHYS 2010 & 2010L						
	Group B	PHYS 221	PHYS 2500 & 2500L						
		PHYS 222	PHYS 2500 & 2500L & PHYS 2510 & 2510L						
<b>Upper Division Requirements</b>	Required courses	BIOL 300	BIOL 3100			5	4		
		BIOL 321	BIOL 3700			4	4		
		BIOL 400	BIOL 3120			5	4		
		BIOL 423	BIOL 3300			5	4		
		BIOL 450	BIOL 3800			5	4		
		BIOL 514 or BIOL 590M	BIOL 5912			2-4	2		
		BIOL 591	BIOL 5000			1	1		
		One course chosen from	BIOL 319	BIOL 3520-3					
			BIOL 455	None					
			BIOL 505 or PSYC 410	BIOL 5050-4					
	BIOL 515		BIOL 5850-3						
	BIOL 522		BIOL 5720-4						
	BIOL 525		BIOL 5820-1						
	A minimum of 18 units of upper division biology courses (excluding BIOL 301, BIOL 304, BIOL 305, BIOL 306, BIOL 314, BIOL 349, and BIOL 503), selected in consultation with a Biology faculty advisor in area of specialization.		BIOL 300-599				18		
	<b>Total</b>						<b>105-114</b>		

**Biology Minor -- Quarter to Semester Translation Table**  
 Quarter Requirements (AY 2017-18)

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is <b>no</b> semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>
<b>BIOL-MIN</b>								
<b>Minor Requirements</b>	Required courses	BIOL 200	BIOL 2010			5	5	
		BIOL 201	BIOL 2010 & BIOL 2020			5		
		BIOL 202	BIOL 2020			5	5	
		BIOL 300	BIOL 3100			5	4	
		CHEM 206	CHEM 2060 & CHEM 2060L			5	5	
		CHEM 215	CHEM 2100 & CHEM 2100L			6	5	
		CHEM 216	CHEM 2200 & CHEM 2200L			6	5	
<b>Mathematics</b>	Four units chosen from	MATH 120	MATH 1401					
		MATH 152	MATH 1601			4	3-4	
		MATH 211	MATH 2210					
<b>Physics</b>	Five units chosen from	PHYS 100	PHYS 1000 & PHYS 1000L					
		PHYS 121	PHYS 2000 & PHYS 2000L			5	4-5	
		PHYS 221	PHYS 2500 & PHYS 2500L					
<b>Electives</b>	A minimum of 10 upper-division units (2 courses) in biology	BIOL 300-599	BIOL 3000-5999			10	7	
<b>Total</b>						<b>56</b>	<b>43-45</b>	

**Quarter to Semester Translation Table**  
**Quarter Requirements (AY 2017-18)**

		<b>Quarter Courses</b>	<b>Semester Course Equivalencies</b> (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.)	<b>Acceptable Semester Course Substitutions</b> (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.)	<b>Acceptable Semester Course Repeats</b> (If there is <u>no</u> semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.)	<b>Quarter Units</b> (Current number of units which are required for each requirement area.)	<b>Semester Units</b> (Number of semester units which will be required for each requirement area.)	<b>Notes</b>		
<b>BIOL MS</b>										
<b>Program Requirements</b>	A minimum of 45 quarter units of acceptable graduate-level work included in the formal program, with no less than 32 units completed in residence at this university and with at least 24 units gained from 600-level courses in biology;	BIOL 601	BIOL 6010			2	2	NOT REQUIRED FOR PROGRAM		
		BIOL 690	BIOL 6490			1	1			
		BIOL 691	BIOL 6100			1	1			
		BIOL 692A		BIOL 6930			2		1	
		BIOL 692B					2		1	
		BIOL 692C					2		1	
		BIOL 696A	BIOL 6951				1		1	
		BIOL 696B	BIOL 6952				2		2	
		BIOL 696C	BIOL 6953				3		3	
		BIOL 696D	BIOL 6954				4		4	
		BIOL 696E	BIOL 6955				5		5	
		BIOL 696F	BIOL 6956				6		6	
BIOL 699A					3	2	Students may receive up to 6 units of credit			
BIOL 699B	BIOL 6970				3	4	any combination of QTR or Semester units			
<b>Program Electives</b>	Twenty (20) units of electives to be chosen from biology or related courses at the 500-, 500- and 600-levels (excluding BIOL 601). A maximum of twelve (12) units from any combination of BIOL 594, BIOL 602, and BIOL 696 may be applied toward the student's degree.	BIOL 424	BIOL 4XXX			6				
		BIOL 431	BIOL 4XXX			6				
		BIOL 440	BIOL 4XXX				5			
		BIOL 502	BIOL 5XXX				4			
		BIOL 514	BIOL 5XXX				4			
		BIOL 515	BIOL 5XXX				4			
		BIOL 522	BIOL 5XXX				4			
		BIOL 524	BIOL 5XXX				3			
		BIOL 528	BIOL 5XXX				4			
		BIOL 545	BIOL 5XXX				6			
		BIOL 572	BIOL 5XXX				4			
		BIOL 579	BIOL 5XXX				5			
		BIOL 576	BIOL 5XXX				4			
		BIOL 580	BIOL 5XXX				4			
		BIOL 590A-M	BIOL 5XXX				2			
		BIOL 596	BIOL 5XXX				4			
		BIOL 600	BIOL 6300				2	2		
		BIOL 605	BIOL 6310				2	2		
		BIOL 620	BIOL 6320				2	2		
		BIOL 622	BIOL 6330				2	2		
		BIOL 624	BIOL 6340				2	2		
		BIOL 650	BIOL 6390				2	2		
		BIOL 651					2		Topics taught under this course can be taught under other variable-topic courses.	
		BIOL 660					2		Topics taught under this course can be taught under other variable-topic courses.	
		BIOL 664	BIOL 6400				2	2		
		BIOL 670	BIOL 6370				2	2		
		BIOL 675					2		Topics taught under this course can be taught under other variable-topic courses.	
		BIOL 677	BIOL 6350				2	2		
		BIOL 678	BIOL 6360				2	2		
		BIOL 680	BIOL 6380				2	2		
							<b>Total</b>	<b>135</b>	<b>57</b>	