

## 4+1 Biology MBA Planning Sheet

Biology majors take enough undergraduate business classes to waive 7 of the required 20 MBA classes. In addition, biology majors take 3 5000-level biology electives that dual count in satisfying undergraduate biology elective requirements and satisfying the graduate MBA elective requirement. Thus completing 10 of the 20 classes required to earn an MBA. This allows biology majors in the 4+1 Biology MBA program to earn their MBA in one additional or fifth year. See other side.

### Freshman Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
BIOL 1100/1101	3,1	BIOL 1200/1201	3,1
CHEM 1150/1151	3,1	CHEM 1160/1161	3,1
ENGL 1100	3	ENGL 1200	3
MATH 1065	3	MATH 2121**	3
HLTH 1000	2	COMM 2420**	3
	<u>16</u>		<u>17</u>

### Sophomore Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
BIOL 2300	3	BIOL 2250/2251	3,1
CHEM 2750/2753	3,1	CHEM 2760/2763	3,1
MATH 2122	3	ECON 2133**	3
ECON 2113**	3	MIS 2223**	3
EXSS 1000	1	General Ed (Art or Music)	2
General Ed (HUM)*	3		
	<u>17</u>		<u>16</u>

### Junior Year

<i>Fall Semester</i>		<i>Spring Semester</i>	
BIOL Electives (Recommended: BIOL 2100/2101 and 3220/3221)	7	BIOL Electives	4
PHYS 1250/1251	3,1	PHYS 1260/1261	3,1
MATH 2283**	3	ACCT 2401**	3
FINA 2244**	3	MIS 3063**	3
	<u>17</u>	General Ed (SS other than ECON)*	3
			<u>17</u>

### Senior Year (9 SCH of 5000-level BIOL electives required to satisfy both UG elective and MBA elective requirement)

<i>Fall Semester</i>		<i>Spring Semester</i>	
BIOL Electives	7	BIOL Electives	7
Biotech track: (Recommended BIOL 5870 (3) + 5000 level course (4)***)		Biotech track: (Recommended BIOL 5900/5901 (2,3)*** + BIOL elective (2))	
Environmental track: (Recommended BIOL5600/5601 (3) + 5000-level course) (4)***		Environmental track: (Recommended BIOL 5270 (3) + BIOL 5400/5401 (3,1)***)	
ACCT 2521**	3	FINA 3724**	3
ENGL 3880 (WI)**	3	General Ed (HUM)	3
General Ed (SS other)	3		
	<u>16</u>		<u>13</u>
		Total UG Hours	<u>129</u>

### 5th YEAR MBA Graduate Courses

<i>1st Summer Session</i>		<i>2nd SS</i>	
OMGT 6213	3	MGMT 6102	3
	<u>3</u>	MKGT 6162	3
			<u>6</u>
<i>Fall Semester</i>		<i>Spring Semester</i>	
ACCT 6521	3	MGMT 6722	3
FINA 6604	3	OMGT 6613	3
MGMT 6802	3	MKTG 6822	3
OMGT 6683	3		
	<u>12</u>		<u>9</u>

\* Need one additional WI during 1st 4 years

\*\* UG classes used to waive MBA classes

\*\*\* 5000 level BIOL classes to be used as MBA electives

MBA Core Hours	9
MBA Breadth Hours	21
MBA Elective Hours (5000-level BIOL dual counted)	9
Total Graduate SCH	<u>39</u>

## Graduate Business Core Course Waiver Information

The MBA degree program requires between a maximum of sixty semester hours (20 classes) and a minimum of thirty semester hours (10 classes). The program is divided into two major components: 10 business core courses and 10 business breadth courses. The 10 business core course component is designed to quickly give a non-business undergraduate student the same academic knowledge-base as that of an undergraduate business student. The 10 business breadth course component is made up of 7 required classes and 3 elective classes. Core courses may be waived on a class-by-class, case-by-case basis if students have completed appropriate undergraduate course work at acceptable performance levels (minimum grade of B required).

The ten business core courses and the corresponding ECU undergraduate courses required for waiver follow. Undergraduate classes marked with an asterisk (\*) are completed by 4+1 Biology MBA students during their first four years. As long as a minimum grade of B is maintained in the undergraduate business classes the corresponding graduate business classes are waived. Course work for MIS 6143, OMGT 6123, OMGT 6213, and FINA 6144 must be completed within five (5) years of acceptance into the MBA program.

### Undergraduate Courses

### Graduate Business Core Courses

Grade	ECU Course Number	Course Name	Waive	Course Number	Course Name
	ACCT 2401*	Financial Accounting		ACCT 6241	Financial and Managerial Accounting
	ACCT 2521*	Managerial Accounting			
	COMM 2420*	Business and Professional Communication		ENGL 5780	Advanced Writing for Business & Industry
	ENGL 3880*	Writing for Business and Industry			
	FINA 3724*	Financial Management		FINA 6144	Financial Management I
	MATH 2283*	Statistics for Business			
	ECON 2113*	Principles of Microeconomics		FINA 6204	Anal of the Business Econ Environment
	ECON 2133*	Principles of Macroeconomics			
	FINA 2244*	Legal Environment of Business		FINA 6214	Government Regulation of Business
	MGMT 3302	Management of Organizations		MGMT 6102	Comparative Management
	MGMT 3352	International Business			
	MIS 2223*	Introduction to Computers		MIS 6143	Management Information Systems I
	MIS 3063*	Intro to Management Information Systems			
	MKTG 3832	Marketing Management		MKTG 6162	Marketing Management
	MATH 1066*	Applied Mathematics for Decision Making		OMGT 6123	Quantitative Methods
	MATH 2283*	Statistics for Business			
	OMGT 3123	Operations & Supply Chain Management		OMGT 6213	Operations & Supply Chain Management
	OMGT 3223	Business Decision Modeling			

## Expected MBA Course Sequence for 4+1 Biology MBA

Year Semester Course Number Course Name

*Business core courses may be waived on a course-by-course basis with acceptable prior academic work*

Business Core Courses		W	ACCT 6241	Financial and Managerial Accounting
		W	ENGL 5780	Advanced Writing for Business & Industry
		W	FINA 6144	Financial Management I
		W	FINA 6204	Analysis of the Business Environment
		W	FINA 6214	Government Regulation of Business
	5	2SS	MGMT 6102	Comparative Management
		W	MIS 6143	Management Information Systems I
	5	2SS	MKTG 6162	Marketing Management
		W	OMGT 6123	Quantitative Methods
5	1SS	OMGT 6213	Operations Management	

*Business breadth courses plus three required breadth electives (10 classes total) must be completed.*

Business Breadth Courses	5	F	ACCT 6521	Accounting for Decision Making
	5	F	FINA 6604	Financial Management II
	5	S	MGMT 6722	Business Policies
	5	F	MGMT 6802	Organizational Behavior
	5	S	MKTG 6822	Marketing Strategy
	5	S	OMGT 6613	Management Science
	5	F	OMGT 6683	Statistical Methods
	4	F or S	Biology 5000 level class	Required Breadth Elective Number 1
	4	F or S	Biology 5000 level class	Required Breadth Elective Number 2
	4	F or S	Biology 5000 level class	Required Breadth Elective Number 3