

**BS and BS/MS DEGREE IN ENVIRONMENTAL SCIENCE  
TYPICAL COURSE SCHEDULE 2006-2007**

**FIRST YEAR BS and BS/MS DEGREE**

<b>FALL</b>	<b>CR HR</b>	<b>WINTER</b>	<b>CR HR</b>	<b>SPRING</b>	<b>CR HR</b>
1001-251 Intro to Biology I	4	1001-252 Intro to Biology II	4	1001-253 Intro to Biology III	4
1011-215 Gen & Anal Chemistry	4	1011-216 Gen & Anal Chemistry	3	1011-213 Intro to Organic	3
1011-205 Chemistry Lab	1	1011-206 Chemistry Lab	1	1011-207 Intro to Organic Lab	1
1016-281 Project Based Calculus I	4	1016-282 Project Based Calculus II	(4)	1016-283 Project Based Calculus III	(4)
LA Core	4	OR		OR	
1001-200 Freshman Symposium I	1	1016-214 Elementary Calculus I	(3)	1016-215 Elementary Calculus II	(3)
1105-051 FYE I	1	LA Core	4	0508-460 LA Environ & Society	4
		1001-259 Freshman Symposium II	1	Physical Education	<u>0</u>
		1105-052 FYE II	1		
<b>Total Credit Hours</b>	<b>15/19</b>	<b>Total Credit Hours</b>	<b>17/18</b>	<b>Total Credit Hours</b>	<b>15/16</b>

**SECOND YEAR BS and BS/MS DEGREE**

<b>FALL</b>	<b>CR HR</b>	<b>WINTER</b>	<b>CR HR</b>	<b>SPRING</b>	<b>CR HR</b>
1006-202 Concepts in Env Science	4	1017-312 Univ Physics II w lab	(4)	1006-203 Env Science Field Skills	4
1017-311 Univ Physics I w lab	(4)	OR		1017-313 Univ Physics III w lab	(4)
OR		1017-212 College Physics II w lab	(4)	OR	
1017-211 College Physics I w lab	(4)	LA Core	4	1017-213 College Physics III w lab	(4)
1006-350 Applications of GIS	4	1016-320 Data Analysis II & Lab	6	LA Core	4
1016-319 Data Analysis I	<u>4</u>			0630-370 Env Geology	3
		Physical Education	<u>0</u>	0630-372 Env Geology Lab	<u>1</u>
<b>Total Credit Hours</b>	<b>16</b>	<b>Total Credits Hours</b>	<b>14</b>	<b>Total Credit Hours</b>	<b>16</b>

**OPTIONAL SUMMER COOPERATIVE EDUCATION EXPERIENCE**

**THIRD YEAR BS and BS/MS DEGREE**

<b>FALL</b>	<b>CR HR</b>	<b>WINTER</b>	<b>CR HR</b>	<b>SPRING</b>	<b>CR HR</b>
0508-463 Great Lakes I	4	0508-464 Great Lakes II	4	1006-503 Env Science Capstone	4
LA Core	4	LA Concentration	4	LA Concentration	4
1001-340 General Ecology	4	1001-475 Conservation Biology	4	***GE Elective	3
0630-380 Intro to Hydrology	3	**ES Concentration	<u>4</u>	**ES Concentration	<u>4</u>
0630-382 Intro to Hydro Lab	<u>1</u>				
<b>Total Credit Hours</b>	<b>16</b>	<b>Total Credit Hours</b>	<b>16</b>	<b>Total Credit Hours</b>	<b>12/15</b>

**OPTIONAL SUMMER COOPERATIVE EDUCATION EXPERIENCE**

Note: Courses in *Italics* represent the BS/MS option

**FOURTH YEAR BS DEGREE**

FALL	CR HR	WINTER	CR HR	SPRING	CR HR
Institute Elective	5	Institute Elective	4/7	Institute Elective	4
**ES Concentration	4	**ES Concentration	4	**ES Concentration	4
LA Art of Expression	4	1051-420 Env App of Remote Sens	4	LA Concentration	4
<b>Total Credit Hours</b>	<b>13</b>	<b>Total Credit Hours</b>	<b>12/15</b>	<b>Total Credit Hours</b>	<b>12</b>

**FOURTH YEAR BS/MS DEGREE**

FALL	CR HR	WINTER	CR HR	SPRING	CR HR
<i>1006-711 ES Graduate Study I</i>	2	<i>1006-712 ES Graduate Study II</i>	2	<i>1006-713 ES Graduate Study III</i>	1
Institute Elective (UG)	4	Institute Elective (UG)	4	Institute Elective (UG)	4
**ES Concentration	4	1051-420 Env App of Remote Sens	4	LA Concentration	4
LA Art of Expression	4	<i>Env Policy Core Graduate Elective</i>	4	<i>1006-879 Graduate Research</i>	2
<i>1006-710 Graduate Readings Sem</i>	3	<i>1006-879 Graduate Research</i>	1	<i>1015-720 Environmental Chem</i>	3
<b>Total Credit Hours</b>	<b>17</b>	<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>14</b>

**FIFTH YEAR BS/MS DEGREE**

FALL	CR HR	WINTER	CR HR	SPRING	CR HR
**ES Concentration	4	<i>Professional Elective</i>	8	<i>Professional Elective</i>	4
**ES Concentration	4	<i>Thesis/Project/Professional Elective</i>	2	<i>Thesis/Project/Professional Elective</i>	6
<i>0307-712 Fund of Stats II</i>	4	<i>Env &amp; Society Core Graduate Elective</i>	4	<i>Env Science Core Graduate Elective</i>	4
<i>Thesis/Project</i>	1				
****Institute Elective (UG)	1-4				
<b>Total Credit Hours</b>	<b>14/17</b>	<b>Total Credit Hours</b>	<b>14</b>	<b>Total Credit Hours</b>	<b>14</b>

BS and BS-MS typical course schedule 2006-2007 6/06

Revised curriculum with NYSED approval pending

- \* Course may be required based on math placement exam score. If not, then no math course this quarter.
- \*\* See advisor to select an ES concentration. Concentration choices are Environmental Biology, Environmental Chemistry, Digital Imaging, Economics, Mathematics, Statistics, Public Policy, and Remote Sensing.
- \*\*\* Based on the math sequence that students select, students may be required to take additional 3 credit hours of General Education Electives to fulfill the 90 qch requirement.
- \*\*\*\* Required to ensure that student has completed at least 180 qch required for the Bachelor of Science degree.

Students are required to take a minimum of 5qch and a maximum of 9 qch of thesis or project credits to earn the MS degree. The numbers of credit hours will be determined by the program faculty. Students who enroll in less than the maximum 9 qch will, with advising from the program faculty, enroll in professional elective courses. A maximum of 12 qch of upper-level undergraduate course work can be applied toward the completion of the MS degree

Total qch required for BS degree: 180

Total qch required for BS/MS degree: 231