

Environmental Science and Engineering
 Department of Environmental and Biomolecular Systems
 Program Requirement Checklists
 Spring 2007 – Summer 2008

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I approve the following curriculum checklists as the Spring 2008 – Summer 2008 curriculum for the Environmental Science & Engineering programs.

 Signature

 Date

 Print Name

Degree: **Environmental Science and Engineering – Master of Science – Nonthesis**
 Track: **Environmental Science and Engineering**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter

Curriculum: **Credits Grade Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 510 – Aquatic Chemistry	_____	_____	_____
EBS 535 – Distribution and Fate of Organic Chemicals	_____	_____	_____
EBS 575 – Transport Processes	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (16 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (6 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (10 credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Master of Science – Thesis**
 Track: **Environmental Science and Engineering**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter
- A written thesis and oral defense composed of original research

Curriculum: **Credits **Grade Term****

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 510 – Aquatic Chemistry	_____	_____	_____
EBS 535 – Distribution and Fate of Organic Chemicals	_____	_____	_____
EBS 575 – Transport Processes	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (8 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (6 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (18 credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Doctor of Philosophy**
 Track: **Environmental Science and Engineering**
 Matriculation Term: **Spring 2008** **Summer 2008**

General Degree Requirements:

- 60+ Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter
- Qualifying exam, Date qualifying exam completed: _____
- A written dissertation and oral defense composed of original research of publishable quality

Curriculum: **Credits** **Grade** **Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 610 – Aquatic Chemistry	_____	_____	_____
EBS 635 – Distribution and Fate of Organic Chemicals	_____	_____	_____
EBS 675 – Transport Processes	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (12 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (12 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (24+ credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Master of Science – Nonthesis**
 Track: **Environmental and Biomolecular Systems**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter

Curriculum: **Credits Grade Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 515 – Environmental & Biomolecular History of the Earth	_____	_____	_____
EBS 516 – Environmental Bioinorganic Chemistry	_____	_____	_____
EBS 517 – Environmental Systems and Human Health	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (16 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (6 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (10 credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Master of Science – Thesis**
 Track: **Environmental and Biomolecular Systems**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter
- A written thesis and oral defense composed of original research

Curriculum: **Credits** **Grade** **Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 515 – Environmental & Biomolecular History of the Earth	_____	_____	_____
EBS 516 – Environmental Bioinorganic Chemistry	_____	_____	_____
EBS 517 – Environmental Systems and Human Health	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (8 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (6 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (18 credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Doctor of Philosophy**
 Track: **Environmental and Biomolecular Systems**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 60+ Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter
- Qualifying exam, Date qualifying exam completed: _____
- A written dissertation and oral defense composed of original research of publishable quality

Curriculum: **Credits** **Grade** **Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required, substitutions only with SPC approval):</i>			
EBS 515 – Environmental & Biomolecular History of the Earth	_____	_____	_____
EBS 616 – Environmental Bioinorganic Chemistry	_____	_____	_____
EBS 617 – Environmental Systems and Human Health	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (12 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (12 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (24+ credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Master of Science – Nonthesis**
 Track: **Environmental Information Technology**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter

Curriculum: **Credits Grade Term**

<input type="checkbox"/> <i>Core Courses (12 Credits required). Actual courses to be determined by SPC:</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Advanced Elective Courses (16 credits, including special topics and independent studies):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Reading Groups (6 credits, includes student seminars):</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<input type="checkbox"/> <i>Research and Internship (10 credits)</i>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Degree: **Environmental Science and Engineering – Master of Science – Thesis**
 Track: **Environmental Information Technology**
 Matriculation Term: **Spring 2008 Summer 2008**

General Degree Requirements:

- 44 Credits total
- Cumulative GPA at or above 3.0
- Department Seminar (EBS 507A) each Fall, Winter, and Spring quarter
- A written thesis and oral defense composed of original research

Curriculum: **Credits** **Grade** **Term**

- Core Courses (12 Credits required). Actual courses to be determined by SPC:*

- Advanced Elective Courses (8 credits, including special topics and independent studies):*

- Reading Groups (6 credits, includes student seminars):*

- Research and Internship (18 credits)*

Degree: **Environmental Science and Engineering – Doctor of Philosophy**
 Track: **Environmental Information Technology**
 Matriculation Term: **Spring 2008** **Summer 2008**

General Degree Requirements:

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- Cumulative GPA at or above 3.0
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- A written dissertation and oral defense composed of original research of publishable quality

Curriculum: **Credits** **Grade** **Term**

- Core Courses (12 Credits required). Actual courses to be determined by SPC:*

- Advanced Elective Courses (12 credits, including special topics and independent studies):*

- Reading Groups (12 credits, includes student seminars):*

- Research and Internship (24+ credits)*
