Biochemistry and Molecular Biology

Division of Environmental and Biomolecular Systems
OHSU Institute of Environmental Health
Program Requirement Checklists

Degree: **Biochemistry and Molecular Biology – Master of Science – Nonthesis**

Track: **Biochemistry and Molecular Biology**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 45 credits total
- ☐ Cumulative GPA at or above 3.0
- ☐ Written report on the research performed, accepted and approved by advisor
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Division Seminar (EBS 507A) at least two quarters. Waive when part-time:

Curriculum:	**Credits**	**Grade**	**Term/Year**

☐ *Core Courses (12 Credits required):*

EBS 512 – Proteins and Enzymes			
EBS 513 – Introduction to Molecular Biology			
EBS 514 – Metabolism and Bioenergetics			

☐ *Advanced Elective Courses (16 credits, including special topics and independent studies):*

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

☐ *Research and/or Internship (10 credits)*

Degree: **Biochemistry and Molecular Biology – Master of Science – Thesis**

Track: **Biochemistry and Molecular Biology**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 45 credits total
- ☐ Cumulative GPA at or above 3.0
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Department Seminar (EBS 507A) at least four quarters. Waive when part-time:
- ☐ A written thesis and oral defense composed of original research

Curriculum:	**Credits**	**Grade**	**Term/Year**

☐ *Core Courses (12 Credits required):*

EBS 512 – Proteins and Enzymes			
EBS 513 – Introduction to Molecular Biology			
EBS 514 – Metabolism and Bioenergetics			

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

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

☐ *Research and/or Internship (18 credits)*

Degree: **Biochemistry and Molecular Biology – Doctor of Philosophy**

Track: **Biochemistry and Molecular Biology**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 135 credits minimum
- ☐ Cumulative GPA at or above 3.0
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Department Seminar (EBS 607A) at least eight quarters. Waive when part-time:
- ☐ Qualifying exam. Date Completed: Written Oral
- ☐ A written dissertation and oral defense composed of original research of publishable quality

Curriculum:	**Credits**	**Grade**	**Term/Year**

☐ *Core Courses (12 Credits required):*

EBS 612 – Proteins and Enzymes			
EBS 613 – Introduction to Molecular Biology			
EBS 614 – Metabolism and Bioenergetics			

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

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

☐ *Research (24+ credits)*

Degree: **Biochemistry and Molecular Biology – Master of Science – Nonthesis**

Track: **Environmental and Biomolecular Systems**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 45 credits total
- ☐ Cumulative GPA at or above 3.0
- ☐ Written report on the research performed, accepted and approved by advisor
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Division Seminar (EBS 507A) at least two quarters. Waive when part-time:

Curriculum:	**Credits**	**Grade**	**Term/Year**

☐ *Core Courses (12 Credits required):*

EBS 515 – Environ. Biomolec. Hist. Earth			
EBS 516 – Metals in Environ. Human Health			
EBS 517 – Environ. Syst. and Human Health			

☐ *Advanced Elective Courses (16 credits, including special topics and independent studies):*

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

☐ *Research and/or Internship (10 credits)*

Degree: **Biochemistry and Molecular Biology – Master of Science – Thesis**

Track: **Environmental and Biomolecular Systems**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 45 credits total
- ☐ Cumulative GPA at or above 3.0
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Department Seminar (EBS 507A) at least four quarters. Waive when part-time:
- ☐ A written thesis and oral defense composed of original research

Curriculum:	**Credits**	**Grade**	**Term/Year**

☐ *Core Courses (12 Credits required):*

EBS 515 – Environ. Biomolec. Hist. Earth			
EBS 516 – Metals in Environ. Human Health			
EBS 517 – Environ. Syst. and Human Health			

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

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

☐ *Research and/or Internship (18 credits)*

Degree: **Biochemistry and Molecular Biology – Doctor of Philosophy**

Track: **Environmental and Biomolecular Systems**

Student Name:	*ID#:*	*Matric. Term:*

General Degree Requirements:

- ☐ 135 credits minimum
- ☐ Cumulative GPA at or above 3.0
- ☐ Ethics course (CONJ 650 or approved equivalent): Completed
- ☐ Department Seminar (EBS 607A) at least eight quarters. Waive when part-time:
- ☐ Qualifying exam. Date Completed: Written Oral
- ☐ A written dissertation and oral defense composed of original research of publishable quality

Curriculum:	**Credits**	**Grade**	**Term/Year**
☐ *Core Courses (12 Credits required):*			
EBS 615 – Environ. Biomolec. Hist. Earth			
EBS 616 – Metals in Environ. Human Health			
EBS 617 – Environ. Syst. and Human Health			
☐ *Advanced Elective Courses (12 credits, including special topics and independent studies):*			
☐ *Reading Groups (12 credits, includes student seminars):*			
☐ *Research (24+ credits)*			