ENVIRONMENTAL ENGINEERING – VANDERBILT UNIVERSITY
GRADUATE STUDENT PROGRESS REPORT
ACADEMIC YEAR_____

NAME: _____

SEMESTER AND YEAR ENTERED PROGRAM: _____

PROGRAM AND DEGREE SOUGHT: _____
(If M.S. indicate if this is a thesis M.S. degree)

PRIMARY FACULTY ADVISER(S): _____

Instructions: Students should complete the form and then review the form with their primary adviser. Submit the completed form to the Director of Graduate Studies at florence.sanchez@vanderbilt.edu. Meeting with the Director of Graduate Studies will be scheduled to review overall progress.

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1. PROFESSIONAL DEVELOPMENT PROGRESS

EDUCATION

Graduate Institution_____ Major_____ PhD Expected May 20xx
*Dissertation Topic:*_____
*Adviser(s):*_____
Graduate Institution_____ Major_____ MS May 20xx
Undergraduate Institution_____ Major_____ Degree May 20xx

RESEARCH INTERESTS

RESEARCH EXPERIENCE

Graduate Research Assistant 20xx-Present
Civil and Environmental Engineering, Vanderbilt University
- Bullet points that summarize your activities/duties, accomplishments, and successes.

Undergraduate Research Assistant 20xx
Department, University
- Bullet points that summarize your activities/duties, accomplishments, and successes.

TEACHING AND MENTORING EXPERIENCE

Teaching Assistant, Course Title — Fall/Spring 20xx
Civil and Environmental Engineering, Vanderbilt University

- Bullet points that summarize your activities/duties, accomplishments

Graduate Mentor, Summer Research Experience for Undergraduates — Summer 20xx
School of Engineering, Vanderbilt University

- Bullet points that summarize your activities/duties

PUBLICATIONS

Peer-Reviewed Journal Publications

List complete citations for all papers published and manuscripts in press or submitted. Include the impact factor and acceptance rate for each journal.

Peer-Reviewed Conference Proceedings

List complete citations for all peer-reviewed conference proceedings published, in press, or submitted.

Presentations

Oral Presentations

List title, format (oral), date, location, and nature (e.g. national meeting, international conference, departmental seminar, etc.) of all presentations. Include coauthors and indicate presenter.

Poster Presentations

List title, format (poster), date, location, and nature (e.g. national meeting, international conference, departmental seminar, etc.) of all presentations. Include coauthors and indicate presenter.

HONORS AND AWARDS

GRANTS

Granting Agency, "Title of Grant", $00,000 — 20xx-20xx

SERVICE

List any professional, departmental, and university service activities, including a brief description of each activity and your role in it.

PROFESSIONAL MEMBERSHIPS

List all professional memberships

2. DEGREE REQUIREMENT PROGRESS

DEGREE PROGRESS

See Appendix A for the **timeline of satisfactory progress conditions**. If a particular requirement has not been completed by the appropriate time for satisfactory progress, specify on an attached memorandum the conditions that must be fulfilled to achieve satisfactory progress as approved by the primary faculty adviser(s).

Requirements	Date Completed / Comments
___Select Faculty Research Adviser	
___Take 1-hour, Zero Credit Seminar*	
___Take Preliminary Examination	
___Select Dissertation Committee Members	
___Take Qualifying Examination	
___Complete Required Hours of ENVE Didactic Coursework**	
___Complete Required Hours of Didactic Graduate Coursework***	
___Complete Required Hours of Graduate Credits****	
___Peer Reviewed Paper(s) in Print/Press	
___Peer Reviewed Paper(s) Submitted	
___Submit Dissertation/Thesis to Committee	
___Take Final Defense	

* Graduate Students entering program Fall 2017.
** Ph.D. Degree (students entering program Fall 2017): at least 6 credit hours; M.S. Degree (students entering program Fall 2017): 15 credit hours.
*** Ph.D. Degree: 36 credit hours (prior to Fall 2017)/30 credit hours (students entering program Fall 2017); M.S. Degree: 24 credit hours.
**** Ph.D. Degree: 72 hours of graduate credits; M.S. and MEng. Degrees: 30 hours of graduate credits.

Estimate semester and year for degree requirements completion: _____

Dissertation/Thesis faculty committee: _____

Date of most recent committee meeting: _____

COURSEWORK

List courses taken to meet coursework requirements under the following four competency areas

Quantitative mechanisms and theory

___ENVE 5605 Environmental Thermodynamics, Kinetics and Mass Transfer
___ENVE 5625 Environmental Separations Processes
___ENVE 5705. Physical Hydrology
___CHBE 5200. Phase Equilibria and Stage-based Separations
___CHBE 5300. Fluid Mechanics and Heat Transfer
___CHBE 6200. Transport Phenomena
___CHBE 6220. Surfaces and Adsorption
___EES 5550. Transport Processes in Earth and Environmental Systems
___EES 5650. Physics of the Climate System

Experimental methods

___ENVE 5620 Environmental Characterization and Analysis
___CHEM 5040 Nanoparticles
___EES 5250 Earth Materials
___EES 5600 Geochemistry
___EES 7300 Isotopes and the Environment
___MSE 6343 Intro. To Electron Microscopy
___PHYS 8159 Experimental Nanoscale Fabrications and Characterization

Data analysis techniques

___CE 6300 Probabilistic Methods in Engineering Design
___CE 6310 Uncertainty Quantification

Computation, simulation, and applied mathematics

___CE 6210 Finite Element Analysis
___CE 6212 Adv. Computational Mechanics
___CE 6313 Multiscale Modeling
___CHBE 6100 Applied Mathematics in Chemical Engineering
___CHEM 5410 Molecular Modeling Techniques
___EES 5760 Agent- and Individual-Based Computational Modeling
___ME 5263 Computational Fluid Dynamics & Multiphys. Modeling

List ENVE graduate level courses taken to meet coursework requirements

List all other courses taken to meet coursework requirements

List courses planned to be taken to complete degree coursework requirements

RESEARCH ABSTRACT

Thesis M.S. and Ph.D. degrees: provide a ~500 word research abstract.

FINANCIAL SUPPORT
List all sources and dates of financial support since entering program. For research support, indicate the PI, name of grant, sponsoring organization and period of grant of the supporting project.

List source of financial support for upcoming summer

Anticipated sources of financial support for upcoming academic year

Semester	**Source**
Fall 20xx:	_____
Spring 20xx:	_____
Summer 20xx:	_____

___ On my honor as a Vanderbilt student I certify that I have discussed this report with my primary adviser(s) and that she/he (they) approve all content.

Graduate Student **Date**

_____ _____

Director of Graduate Studies **Date**

APPENDIX A – Timeline of Satisfactory Progress Conditions

Ph.D. Degree

Requirement	Ideal Time of Completion		Unsatisfactory Progress
Identify adviser	Year 1	End of 1st semester	Beginning of Year 2
Take preliminary exam	Year 1	End of 2nd semester	Beginning of Year 2
Take qualifying exam (proposal defense)	By end of Year 3	By end of 6th semester	End of Year 4
Dissertation/Defense*	By Year 4	End of 8th semester	Year 6

*Deposit dissertation with Graduate School: Mid-March or Mid-July.

Thesis M.S. Degree

Requirement	Ideal Time of Completion		Unsatisfactory Progress
Identify adviser	Year 1	End of 1st semester	End of 2nd semester
Thesis committee	Year 1	End of 1st semester	End of 2nd semester
Submit short proposal	Year 1	End of 1st semester	End of 2nd semester
Complete all coursework	By End of Year 1	End of 2nd semester*	End of 4th semester
Thesis/Presentation	By Year 2	End of 4th semester	End of 6th semester**

* Assume taking 12 credit hours (4 courses) a semester.
**The maximum time allowed for completing the thesis M.S. degree is three (3) years from the time of admission to the M.S. degree program (i.e., 6 semesters).

Non-Thesis M.S. Degree

Requirement	Ideal Time of Completion		Unsatisfactory Progress
Plan of study	Year 1	End of 1st semester	End of 2nd semester
Independent study	Year 1	End of 2nd semester	End of 3rd semester
Complete all coursework	By End of Year 1	End of 2nd semester*	End of 4th semester**

* Assume taking 12 credit hours (4 courses) a semester.
** The maximum time allowed for completing the non-thesis M.S. degree is two (2) years from the time of admission to the M.S. degree program (i.e., 4 semesters).