

<p>Specific Classes/General Content Areas in BSN Curricula CONSIDER ADDING A COURSE OBJECTIVE OR PART OF OBJECTIVE TO ENCOURAGE FACULTY TO INCLUDE IT</p>	<p>Appropriate Environmental Health Content</p>	<p>Teaching Strategies and Resources (ex. readings, questions, assessments, research articles, power points, etc. What might we suggest for strategies)</p>	<p>Competencies from Bold objectives below are from ANA (2010) <i>Scope and standards of practice: Nursing</i>. Additional objectives are from The Alliance of Nurses for Healthy Environments (ANHE) (2009).</p>
<p>Health Assessment</p>	<p>Define Environmental Health risks</p> <p>Identify assessment: FHP Environmental health exposure history Medical model/Review of Systems</p> <p>Stethoscope (cleaning)</p>	<p>Questionnaire</p> <p>I prepare-environmental health history ASTDR found in CDC.gov http://www.atsdr.cdc.gov/asbestos/site-kit/docs/IPrepareCard.pdf</p> <p>Conduct an environmental health history of an adult or fellow student using an interview tool: http://www.atsdr.cdc.gov/csem/cluster/docs/exposure_form.pdf http://toxtown.nlm.nih.gov/flash/city/flash.php</p> <p>Conduct an environmental health history with the parent/caregiver of a child using interview questions: http://www.atsdr.cdc.gov/csem/pediatric/appendixc.html</p>	<p>Attains knowledge of EH concepts, such as implementation of EH strategies.</p> <p>Promotes a practice environment that reduces environmental health risks of workers and healthcare consumers.</p> <p>Applies knowledge of basic EH concepts to nursing assessment, prevention, and control strategies</p> <p>Promotes a healthy environment that respects the diverse values, beliefs, cultures, and</p>

			circumstances of patients, their families and communities.
Introduction to Professional Nursing/ Leadership/ Trends (beginning level)	<p>ANA Standards of practice-- Standard #16 Environment Legal issues with occupational hazards Social political role of nurse</p> <p>Ecological model of health <i>Healthy People 2020</i></p>	<p>The 2010 ANA <i>Scope and standards of practice: Nursing</i> now includes Environmental Health Standard 16 for all RNs. http://envirn.org/pg/groups/3755/environmental-health-scope-and-standards-of-practice/</p> <p>Introduction to occupational health is necessary for health care workers http://www.ewg.org/reports/nursesurvey</p> <p>View Toxtown website for hospital http://toxtown.nlm.nih.gov/flash/city/flash.php</p> <p>Ecological model of determinants of health includes environmental health: genetic/biological, health behavior, social and physical environment, health care system http://healthypeople.gov/2020/topicsobjectives2020/overview.aspx?topicId=12</p> <p>Health disparities exist related to social and physical environment (national and global)--See <i>Unnatural Causes</i> videos www.unnaturalcauses.org http://www.unnaturalcauses.org/media_and_documents_video.php --See <i>Place Matters</i> and <i>Marshall Islands</i> videos</p> <p>If an assignment requires student to use an advocacy piece then use EH examples for some cases, environmental justice</p>	<p>Attains knowledge of EH concepts, such as implementation of EH strategies.</p> <p>Participates in strategies to promote healthy communities. (Here consider workplace and professional communities.)</p>

	Health disparities		
Research/ Evidence- Based Practice	Evidenced based project based on environmental influences on human health	<p>NINR Research Agenda: (Promoting Health and Preventing Disease; check Areas of Research Emphasis)</p> <p>ANHE Research workgroup</p> <p>EH Practice—then looking at related nursing research(for many areas no nursing research will be found, so there is a gap)</p> <p>Look at evidence</p> <p>Look at controversies and research and debate each side. What is your stand on this based on evidence? Opinion paper. i.e. Climate change</p> <p>How issues are presented by popular media?</p> <p>“An analysis of the evidence”</p>	<p>Check BSN Essentials</p> <p>Attains knowledge of environmental health concepts, such as implementation of environmental health strategies.</p> <p>Utilizes scientific evidence to determine if a product or treatment is a potential environmental threat.</p> <p>Utilizes scientific evidence and is guided by the precautionary principle.</p>
Pharmacology	Distinguish pharmacology and toxicology		<p>Attains knowledge of environmental health concepts, such as implementation of environmental health</p>

			<p>strategies.</p> <p>Utilizes scientific evidence to determine if a product or treatment is a potential environmental threat.</p>
Community/Public Health Nursing	<p>Home assessments for environmental hazards</p> <p>Integrated pest Management (IPM)</p> <p>Occupational Health</p> <p>Healthy Schools</p> <p>Sustainable air, water, land</p> <p>Climate change and health</p> <p>Disposal of prescription medications</p> <p>Public health emergencies</p> <p>Public health policy:</p> <p>Advocacy campaigns</p> <p>Govt. testimony</p>	<p>Assess household products for ingredients that can have human health effects after viewing the U.S. Department of Health and Human Services Household Products data base. http://householdproducts.nlm.nih.gov/</p> <p>Integrated Pest Management http://www.epa.gov/pesticides/factsheets/ipm.htm</p> <p>Integrated pest management in schools http://www.epa.gov/opp00001/ipm/</p> <p>Healthy Schools http://www.epa.gov/iaq/schools/index.html</p> <p>Anticipate the health effects of climate change on a local community. http://www.noharm.org/global/issues/climate/health.php</p> <p>Explore an environmental health policy issue and develop a position.</p> <p>Check the internet to see if your local or state health department has a division of environmental health; describe what it does and what professionals are employed.</p> <p>Conduct a windshield survey of environmental hazards in a community after viewing The National Library of Medicine's <i>ToxTown</i> http://toxtown.nlm.nih.gov/</p> <p>Complete the Agency for Toxic Substances and Disease Registry's (ATSDR) on-line module, <i>A primer on health risk communication</i>. (Especially select the section entitled "Issues and Principles.")</p>	<p>Participates in strategies to promote healthy communities.</p> <p>Assesses the practice environment for factors such as sound, odor, noise and light that negatively affect health.</p> <p>Incorporates environmental risk factors across the lifespan when assessing individuals, families, and/or communities.</p> <p>Promotes a practice environment that reduces environmental health risks of workers and healthcare consumers.</p> <p>Applies knowledge of basic EH concepts to nursing assessment, prevention, and control strategies.</p> <p>Collaborates with others</p>

	<p>Social Justice Environmental Justice</p>	<p>http://www.atsdr.cdc.gov/HEC/primer.html</p> <p>Read the book or review the film about environmental injustice: book, <i>A Civil Action</i>, (1995) by Harr, J.; film by same title (1998). Then reflect on the injustices and discuss implications for population's health status.</p> <p>Obtain information from Centers for Disease Control and Prevention (CDC). (2009). <i>Fourth national report on human exposure to environmental chemicals</i>. Atlanta, GA.: Author. Retrieve from http://www.cdc.gov/exposurereport/</p>	<p>to create and implement strategies that promote health environments.</p> <p>Communicates EH risks and exposure reduction strategies to health care consumers, families, colleagues and communities.</p> <p>Promotes one's right to know about potentially harmful products, chemicals, pollutants and hazards to which people may be exposed.</p> <p>Uses scientific evidence and is guided by the precautionary principle.</p> <p>Advocates for healthy environments that include issues associated with air, water, soil, food/agriculture, the built environment,</p>
--	---	--	---

			<p>and chemicals/products.</p> <p>Advocates for environmental justice, including commitment to the health of vulnerable populations and the elimination of health disparities (AACN 2008, Baccalaureate Competencies, page 25, line 12).</p> <p>Incorporate environmental health information, including national bio-monitoring of human exposure to environmental chemicals, into assessment of</p>
--	--	--	--

			communities and populations.
--	--	--	------------------------------

<p>Leadership/ Trends/ Advocacy/Policy senior level)</p>	<p>Resources management for budget Occupational hazards Regulatory issues-- Sustainable practices Impact of leader across team of costs</p> <p>Build on BSN <i>Essentials</i> Risk Reduction Impact of economy on environmentally conscious decisions; Environmental scan—inadequate workforce >increased errors; Promote sustainable hospital environments; Safe hospitals— assess workplace exposures and ways to reduce and prevent exposures; Regulatory environment</p>	<p>Consider an assignment where the student needs to look at what makes a good work environment and what makes a good leader: Authentic Leaders Creating, Healthy Work Environments for Nursing Practice, Nursing leaders who have made changes</p> <p>AACN Journal article Authentic Leaders Creating Healthy Work Environments for Nursing Practice. (available online@no cost)</p> <p>Nursing leaders who have influenced environmental health, safety. Leader Denise Choiniere http://envirn.org/pg/groups/13/working-the-green-shift/</p> <p>Case studies of RNs who have seen problems and worked to change www.luminaryproject.org</p> <p>Evaluate organizational policy related to greening of hospitals.</p> <p>Pharmaceutical waste and budget implications http://noharm.org/us_canada/issues/pharmaceuticals/#preventing</p>	<p>Collaborates with others to create and implement strategies that promote health environments.</p> <p>Attains knowledge of EH concepts, such as implementation of EH strategies.</p> <p>Promotes a practice environment that reduces environmental health risks of workers and healthcare consumers.</p> <p>Applies knowledge of basic EH concepts to nursing assessment, prevention, and</p>
--	--	--	---

	<p>Team buy in ANA Standards of Practice</p> <p>Environmental Activism-Tracing our history</p> <p>Pharmaceutical waste issues</p>		<p>control strategies.</p> <p>Assesses the practice environment for factors such as sound, odor, noise and light that negatively affect health.</p> <p>Reduces environmental health risks in the health care setting (chemical, biological, radiological [and mechanical])</p> <p>Utilizes scientific evidence to determine if a product or treatment is a potential environmental threat.</p> <p>Advocates for the judicious and appropriate use of products</p>
--	---	--	---

			<p>used in health care. Communicates environmental risks and exposure reduction strategies to health care consumers, families, colleagues and communities.</p> <p>Promotes a healthy environment that respects the diverse values, beliefs, cultures, and circumstances of patients, their families and communities.</p>
--	--	--	---

Adapted from BSN and AD documents
2/22/13