

## AN OVERVIEW OF GRADUATE EDUCATIONAL BIOETHICS PROGRAMS IN THE UNITED STATES

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Bioethics once thought of as a sub-discipline of philosophy has rightfully become its own field.<sup>2</sup> The last fifty years have evidenced how quickly the field has changed as well as the increasing need for bioethics education, literature and consultation.<sup>3</sup> In light of this growth, bioethics education, especially bioethics graduate education has rapidly developed in recent years with many universities now offering degrees and certificates in bioethics. However, there is significant variability with educational programs offered as well as educational “tracks.” Some institutions offer certificates, others offer Masters of Science or Masters of Arts, while a few have begun offering Masters in Bioethics and Doctorates in Bioethics. Additionally, there is significant variance in the type of education being offered. Some ethics programs focus on philosophical perspectives to bioethical questions, while others focus on public health or clinical ethics. Lastly, the terminology varies, as institutions may refer to bioethics as medical ethics, biomedical ethics, medical humanities, health care ethics, clinical ethics or research ethics.

Please find below a newly created, comprehensive database of graduate level bioethics programs in the United States. The database includes both degree granting and certificate granting programs.<sup>4</sup> Additionally, this database has a comprehensive list of available course offerings by each institution.<sup>5</sup> While each program offers a unique course of study, this database evidences that there are general trends in bioethics education. The following six trends are of note: (1) Introductory Courses to Bioethics; (2) Clinical Ethics Courses; (3) Law and Bioethics

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<sup>2</sup> Loretta M. Kopelman, *The Growth of Bioethics as a Second-Order Discipline*, 115 PHILOSOPHY AND MEDICINE: THE DEVELOPMENT OF BIOETHICS IN THE UNITED STATES 137 (2012), [http://download.springer.com/static/pdf/860/chp%253A10.1007%252F978-94-007-4011-2\\_9.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%2F978-94-007-4011-2\\_9&token2=exp=1462309786~acl=%2Fstatic%2Fpdf%2F860%2Fchp%25253A10.1007%25252F978-94-007-4011-2\\_9.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-94-007-4011-2\\_9~hmac=cb2b10f23e83defa665129a0dedf1333e553ca36812b01d8435f7abd6b260b20](http://download.springer.com/static/pdf/860/chp%253A10.1007%252F978-94-007-4011-2_9.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%2F978-94-007-4011-2_9&token2=exp=1462309786~acl=%2Fstatic%2Fpdf%2F860%2Fchp%25253A10.1007%25252F978-94-007-4011-2_9.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-94-007-4011-2_9~hmac=cb2b10f23e83defa665129a0dedf1333e553ca36812b01d8435f7abd6b260b20)

<sup>3</sup> *Id.*

<sup>4</sup> I wish to acknowledge that the Hastings Center published an initial database that was last updated in September of 2014. While the database provides significant data about schools, it does not provide information about curriculum, nor is it a complete list of current programs. See Tia Powell & Melisa Kurtz, *Graduate School Programs in Bioethics*, HASTINGS CENTER: BIOETHICS WIRE (Sept. 2014), <http://www.thehastingscenter.org/BioethicsWire/BioethicsGraduatePrograms/Default.aspx>. Additionally, For the purpose of this database I have excluded undergraduate educational programs, concentrations or specializations in bioethics offered by professional degree granting institutions and other certificates offered by non-university institutions.

<sup>5</sup> I have done my best to record current courses offered by each institution, but as course offerings change this list will have to be updated frequently.

Courses; (4) Research Ethics Courses; (5) Public Health Ethics Courses; and (6) Practicum Experiences.

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
<b>Albany Medical College: Alden March Bioethics Institute</b>	Master of Science in Bioethics, Comprehensive	JD/MS Dual Degree Program (with Albany Law School and Cumberland School of Law)	Methods in Bioethics	GenEthics	Social Justice and Medicine	End of Life Ethics, Law and Policy	Neuroethics
	Master of Science in Bioethics, Clinical Ethics Consultation Concentration	MD/MS Dual Degree Program (with Albany Medical College)	Fundamentals of Clinical Ethics	Online Practicum in Clinical Ethics	Pediatric Ethics, Law, and Policy	Ethics of Healthcare Business	Mental Health Ethics
	Graduate Certificate in Clinical Ethics	MS/PhD Dual Degree Program (with Albany Medical College) <sup>7</sup>	Public Health Ethics, Law and Policy	Onsite Clinical Ethics Capstone	Drugs, and Drug Use: Ethical, Legal and Public Policy Considerations	National Bioethics Commissions: History and Impact	Onsite Introduction to Research Ethics
	Graduate Certificate in Clinical Ethics Consultation (Virtual Fellowship) <sup>6</sup>		Law and Bioethics	Intercultural Bioethics	Survey of Philosophy and Bioethics	Adults without Capacity	Adults with Capacity
			Special Situations and Vulnerable Populations Emphasizing Equity, Fairness Justice and Health Care Delivery Policy	Reproductive Ethics	Women and Bioethics: Issues Outside Reproduction	Adults without Capacity	Neonates, Infants, Children and Adolescents
				Facilitation and Conflict Resolution in Bioethics	Classic Cases in Bioethics	Skills in Policy and Program Development	Master's Project Course
<b>Einstein-Cardozo Bioethics Education Programs</b>	Master in Bioethics <sup>9</sup>	MBE/MD (with Albert Einstein College of Medicine) <sup>11</sup>	Bioethics and Medical Humanities I and II	Empathy in Theory and Practice	Ethical Issues in Pediatrics	Public Health Ethics	Religion and Bioethics
	Montefiore-Einstein Certificate in Bioethics and Medical Humanities <sup>10</sup>	MBE/JD (with Benjamin Cardozo)	Brave New World: Bioethics in Literature and Film	Ethical Issues in Reproductive Medicine	Gender, Sexual Orientation, Law and Medicine	Ways of Seeing; Healthcare and Ethics	Bioethics Independent Research
				Ethical Issues in HIV	Human Subjects Research	Reproductive Ethics and the Law	Bioethics Independent Practicum

<sup>6</sup> ALDEN MARCH BIOETHICS INSTITUTE AT ALBANY MEDICAL SCHOOL, *Online Graduate Programs*, [http://www.amc.edu/academic/bioethics/documents/AldenMarch\\_online\\_Sept2011\\_for\\_proof.pdf](http://www.amc.edu/academic/bioethics/documents/AldenMarch_online_Sept2011_for_proof.pdf) (last visited November 15, 2016).

<sup>7</sup> *Id.*

<sup>8</sup> ALBANY MEDICAL COLLEGE, *Course Descriptions*, [http://www.amc.edu/academic/bioethics/educational\\_programs/graduate\\_programs/course\\_info/course\\_descriptions.cfm#mscomp](http://www.amc.edu/academic/bioethics/educational_programs/graduate_programs/course_info/course_descriptions.cfm#mscomp) (last visited November 15, 2016).

<sup>9</sup> EINSTEIN-CARDOZO BIOETHICS GRADUATE EDUCATION, *Master in Bioethics M.B.E.*, <https://www.einstein.yu.edu/education/bioethics/education-programs/master-in-bioethics/> (last visited November 15, 2016).

<sup>10</sup> EINSTEIN-CARDOZO BIOETHICS GRADUATE EDUCATION, *Montefiore-Einstein Certificate in Bioethics and Medical Humanities*, <https://www.einstein.yu.edu/education/bioethics/education-programs/certificate-program/> (last visited November 15, 2016).

<sup>11</sup> EINSTEIN-CARDOZO BIOETHICS GRADUATE EDUCATION, *Einstein Students Complementing the M.D. with the M.B.E.*, <https://www.einstein.yu.edu/education/bioethics/education-programs/master-in-bioethics/md-mbe.aspx> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		School of Law) <sup>12</sup>	Dementia, Ethics and Health Policy	Testing, Treatment and Research	Medical Narratives	Pharmaceutical Ethics	Bioethics Independent Course
			Bioethics Mediation	Narrative Ethics and Bioethics	Institutional Policy Writing	Philosophical Perspectives on Bioethics and Autonomy	Thesis/ Capstone Project <sup>13</sup>
			Jewish Medical Ethics				
<b>Case Western Reserve University</b>	Master of Arts in Bioethics <sup>14</sup>	MA/JD (with Case Western Reserve School of Law) <sup>15</sup>	Foundations in Bioethics I	Ethics, Law, and Research	International Bioethics Policy and Practice in the Netherlands and the US	International Bioethics: Paris, France	Introduction to Public Health Ethics
			Foundations in Bioethics II	Ethical Issues in Genetics/ Genomics	International Bioethics: Policy and Practice: Costa Rica	International Bioethics: Salamanca, Spain	Research Ethics Practicum
		MA/MSN (with Case Western Reserve University) <sup>16</sup>	Clinical Rotation	International Health Research Ethics	International Bioethics: Policy and Practice: Costa Rica	International Bioethics: San Sebastian, Spain	Clinical Ethics Theory and Practice
			Critical Issues in Research Ethics	Research Ethics and Regulation	Special Topics in Bioethics		Other approved electives <sup>20</sup>
		MA/MPH (with Case Western Reserve University) <sup>17</sup>					
		MA/MSSA (with Case Western Reserve University) <sup>18</sup>					
<b>Cedarville University</b>	Graduate Certificate in Bioethics (program is	MA/MD <sup>19</sup>					

<sup>12</sup> EINSTEIN-CARDOZO BIOETHICS GRADUATE EDUCATION, *Cardozo Students Adding the M.B.E. to their J.D.*, <https://www.einstein.yu.edu/education/bioethics/education-programs/master-in-bioethics/cardozo-students-jd-mbe.aspx> (last visited November 15, 2016).

<sup>13</sup> EINSTEIN-CARDOZO BIOETHICS GRADUATE EDUCATION, *Bioethics Courses Through Einstein College of Medicine*, <http://www.einstein.yu.edu/education/bioethics/education-programs/master-in-bioethics/bioethics-courses-einstein.aspx#pharm> (last visited November 15, 2016).

<sup>14</sup> CASE WESTERN RESERVE UNIVERSITY, *Master's Degree Program*, <https://case.edu/medicine/bioethics/education/masters-degree-program/> (last visited November 15, 2016).

<sup>15</sup> CASE WESTERN RESERVE UNIVERSITY, *MA/JD*, <https://case.edu/medicine/bioethics/education/dual-degree-programs/ma--jd/> (last visited November 15, 2016).

<sup>16</sup> CASE WESTERN RESERVE UNIVERSITY, *MA/MSN*, <https://case.edu/medicine/bioethics/education/dual-degree-programs/ma--msn/> (last visited November 15, 2016).

<sup>17</sup> CASE WESTERN RESERVE UNIVERSITY, *MA/MPH*, <https://case.edu/medicine/bioethics/education/dual-degree-programs/ma--mph/> (last visited November 15, 2016).

<sup>18</sup> CASE WESTERN RESERVE UNIVERSITY, *MA/MSSA*, <https://case.edu/medicine/bioethics/education/dual-degree-programs/ma--mssa/> (last visited November 15, 2016).

<sup>19</sup> CASE WESTERN RESERVE UNIVERSITY, *MA/MD*, <https://case.edu/medicine/bioethics/education/dual-degree-programs/ma--md/> (last visited November 15, 2016).

<sup>20</sup> CASE WESTERN RESERVE UNIVERSITY, *Curriculum*, <https://case.edu/medicine/bioethics/education/masters-degree-program/curriculum/> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered			
<b>Children's Mercy Center For Bioethics</b>	undergoing change) <sup>21</sup> Certificate Program in Pediatric Bioethics <sup>22</sup>					
<b>Clarkson University Icahn School of Medicine at Mount Sinai</b>	MS in Bioethics <sup>23</sup> Graduate Certificate in Health Policy & Law <sup>24</sup> Graduate Certificate in Clinical Ethics <sup>25</sup> Graduate Certificate in Research Ethics <sup>26</sup>	MS in Bioethics/ PhD in Philosophy (with University at Albany – SUNY) <sup>27</sup> MS in Bioethics/ JD (with Albany Law School) <sup>28</sup> MS in Bioethics/ MSW (with University of Albany's School of Social Welfare SUNY) <sup>29</sup>	Proseminar in Health and Human Values Biomedical Ethics Healthcare Policy Public Health Ethics Bioethics and the Law Neuroethics Medicine and Social Justice Jewish Bioethics	Reproductive Ethics Research Ethics Pediatric Ethics Empirical Research Method Foundations of Empirical Bioethics Survey Research Methods Empirical Methods in Healthcare Policy	Statistical Methods in Health Care Bioethics policy: Foundations Interpersonal Skills and Communication Bioethical Issues at the End of Life Research Ethics II Clinical Ethics On-Line Clinical Ethics Practicum	Online Policy Practicum Online Research Ethics Practicum On Site Clinical Ethics Practicum On Site Research Ethics Practicum Masters Project I & II Capstone <sup>31</sup>

<sup>21</sup> CEDARVILLE UNIVERSITY, *Graduate Certificate in Bioethics*, <https://www.cedarville.edu/Graduate/Bioethics.aspx> (last visited November 15, 2016).

<sup>22</sup> CHILDREN'S MERCY KANSAS CITY, *Center For Bioethics Certificate Program*, [http://www.childrensmercy.org/Health\\_Care\\_Professionals/Medical\\_Resources/Center\\_for\\_Bioethics/Certificate\\_Program/](http://www.childrensmercy.org/Health_Care_Professionals/Medical_Resources/Center_for_Bioethics/Certificate_Program/) (last visited November 15, 2016).

<sup>23</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Master of Science in Bioethics*, <http://bioethics.clarkson.edu/academics/graduate/masters-in-bioethics> (last visited November 15, 2016).

<sup>24</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Graduate Certificate in Bioethics: Specialization in Health Policy & Law*, <http://bioethics.clarkson.edu/academics/graduate/bioethics-certificate> (last visited November 15, 2016).

<sup>25</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Graduate Certificate in Bioethics: Clinical Ethics*, <http://bioethics.clarkson.edu/academics/graduate/bioethics-certificate> (last visited November 15, 2016).

<sup>26</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Graduate Certificate in Bioethics: Research Ethics*, <http://bioethics.clarkson.edu/academics/graduate/bioethics-certificate> (last visited November 15, 2016).

<sup>27</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Masters in Bioethics & PhD in Philosophy Dual Degree*, <http://bioethics.clarkson.edu/academics/graduate/dual-degree/phd-philosophy-ms-bioethics> (last visited November 15, 2016).

<sup>28</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Masters in Bioethics & Law Dual Degree*, <http://bioethics.clarkson.edu/academics/graduate/dual-degree/law-ms-bioethics> (last visited November 15, 2016).

<sup>29</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Masters in Bioethics & MSW Dual Degree*, <http://bioethics.clarkson.edu/academics/graduate/dual-degree/msw-ms-bioethics> (last visited November 15, 2016).

<sup>31</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Graduate Bioethics Program Catalog*, <http://bioethics.clarkson.edu/academics/catalog> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		MS in Bioethics/ MPH (with University at Albany – SUNY) <sup>30</sup>					
<b>Cleveland State University</b>	Graduate Certificate in Advanced Study in Bioethics <sup>32</sup>		Moral Reasoning in Bioethics	Clinical Issues in Bioethics	Policy Issues in Bioethics	Bioethics and Biotechnology <sup>33</sup>	
<b>Concordia University</b>	Graduate Certificate in Bioethics <sup>34</sup>				Bioethics and the Law		
<b>Columbia University</b>	Master of Science in Bioethics <sup>35</sup>		History of Bioethics	Introduction to Clinical Ethics	Science for Bioethicists	Environmental Ethics	Clinical Ethics Practicum
	Bioethics Online Certification of Professional Achievement <sup>36</sup>		Philosophy of Bioethics	Global Ethics	Reproductive Ethics	Pastoral Care & Bioethics	Introduction to Empirical Research in Bioethics: Qualitative and Multi-method Approaches <sup>37</sup>
			Law and Bioethics	Research Ethics	Neuroscience & Ethics	Ethics and the Pharmaceutical Industry	Rescue and Transplantation
			Advanced Clinical Bioethics	Public Health Ethics: Coercion and Persuasion	Independent Study: IRB Internship	Seminar in Health Policy & Analysis	Other approved electives <sup>38</sup>
<b>Creighton University</b>	MS in Health Care Ethics <sup>39</sup>	MD/Health Care Ethics Certificate Program (with	Scholarly Research and Writing	Law and Health Care Ethics	Philosophical Bioethics Theories of Justice	Practicum	Rescue and Transplantation
	Graduate Certificate in Health Care Ethics <sup>40</sup>	)	Health Policy and Ethics	Social and Cultural Contexts of Health Care	Practical Ethics in Health Care Settings	Oral Health Care at the Intersection of Professional and Business Ethics	Public Health Ethics
			Research Ethics				

<sup>30</sup> CLARKSON UNIVERSITY: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, *Masters of Science in Bioethics & Public Health*, <http://bioethics.clarkson.edu/academics/graduate/dual-degree/public-health-bioethics> (last visited November 15, 2016).

<sup>32</sup> Cleveland State University, *Undergraduate Certificate in Bioethics & Graduate Certificate in Advanced Study in Bioethics*, <https://www.csuohio.edu/class/philosophy-religion/bioethics-certificate> (last visited November 15, 2016).

<sup>33</sup> *Id.*

<sup>34</sup> CONCORDIA UNIVERSITY, *Graduate Certificate in Bioethics*, <https://www.cuw.edu/programs/bioethics/index.html> (last visited November 15, 2016).

<sup>35</sup> COLUMBIA UNIVERSITY: SCHOOL OF PROFESSIONAL STUDIES, *Bioethics: Master of Science*, <http://sps.columbia.edu/bioethics/curriculum> (last visited November 15, 2016).

<sup>36</sup> COLUMBIA UNIVERSITY: SCHOOL OF PROFESSIONAL STUDIES, *Bioethics: Online Certification of Professional Achievement*, <http://sps.columbia.edu/certificates/bioethics-certificate> (last visited November 15, 2016).

<sup>37</sup> COLUMBIA UNIVERSITY: SCHOOL OF PROFESSIONAL STUDIES, *Courses*, <http://sps.columbia.edu/bioethics/courses#CourseList> (last visited November 15, 2016).

<sup>38</sup> COLUMBIA BIOETHICS, *Fall 2015 Sample Electives (Offered By Other Departments)*, <http://assets.ce.columbia.edu/pdf/biet/bioethics-fall2015-sample-electives.pdf> (last visited November 15, 2016).

<sup>39</sup> CREIGHTON UNIVERSITY, *Creating Health Care Leaders With Our Online Health Care Degree in Ethics*, <http://online.creighton.edu/mshce/masters-in-healthcare-ethics?cmgfrm=https%3A%2F%2Fwww.google.com%2F> (last visited November 16, 2016).

<sup>40</sup> CREIGHTON UNIVERSITY, *CHPE Graduate Program Learning Outcomes*, <http://online.creighton.edu/mshce/masters-in-healthcare-ethics/program-objectives?cmgfrm=https%3A%2F%2Fwww.google.com%2F> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		Creighton University) <sup>41</sup>			Capstone Course	Ethical Aspects of End-of-Life Care	Catholic Bioethics <sup>42</sup>
<b>Drew University</b>	Certificate in Research Ethics		Bioethics	The Value of Art	Medical Anthropology	Alcoholism and Gender: A Literary Analysis	The Pharmaceutical Industry
	Certificate in Medical Humanities		Essentials of Palliative Care I	The Joy of Scholarly Writing	Narratives of the Poor: Voices of Inequality	Social, Cultural and Religious Issues in Research	Gender and Medicine: Perspectives in Gender and Sexuality: Women and Medicine
	MMH		Essentials in Palliative Care II	Clinical Practicum	Medical Transgressions		
	DMH <sup>43</sup>		Poverty, Stress and Health: The Impact of Inequality	Tutorial	Introduction to Narrative Medicine	The Joy of Scholarly Writing: Beginning the Dissertation Process	Clinical Ethics
				Introduction to Medical Humanities and Humanism			Alcoholism and Gender: A Literary Analysis <sup>44</sup>
<b>Duke University</b>	MA in Bioethics & Science Policy <sup>45</sup>	MA in Bioethics & Science Policy /JD (with Duke Law School) <sup>46</sup>	Foundations of Bioethics & Science Policy	Law, Research, & Bioethics	Clinical Bioethics & Health Policy	Contemporary Issues in Bioethics & Science Policy	Other approved electives <sup>47</sup>
<b>Duquesne University</b>	MA in Healthcare Ethics <sup>48</sup>	MA in Healthcare Ethics/JD (Duquesne University)	Multicultural Society and Healthcare Ethics	Clinical Ethics	End of Life Ethics	Methods in Health Care Ethics	Dissertation Hours
	DHCE <sup>49</sup>			Genetics and Ethics	Public Health Ethics	Dissertation Writing in	Clinical HCE, I, II, II

<sup>41</sup> CREIGHTON UNIVERSITY, *The MD/Health Care Ethics Certificate Program*, <http://online.creighton.edu/dual-masters-degree-online/medical-doctor-and-certificate-in-healthcare-ethics?cmgfrm=https%3A%2F%2Fwww.google.com%2F> (last visited November 15, 2016).

<sup>42</sup> CREIGHTON UNIVERSITY, *Online Master of Health Care Ethics Course Descriptions*, <http://online.creighton.edu/mshce/masters-in-healthcare-ethics/courses?cmgfrm=https%3A%2F%2Fwww.google.com%2F> (last visited November 16, 2016).

<sup>43</sup> DREW, *Medical Humanities*, <http://www.drew.edu/graduate/academics/medical-humanities> (last visited November 16, 2016).

<sup>44</sup> DREW: CASPERSEN SCHOOL OF GRADUATE STUDIES, *Medical Humanities 2015-2016 Course Offerings*, <http://www.drew.edu/graduate/wp-content/uploads/sites/32/2015-2016-Med-Hum-Course-Catalog.pdf> (last visited November 16, 2016).

<sup>45</sup> DUKE: SCIENCE & POLICY, *Master of Arts in Bioethics & Science Policy*, <https://scienceandsociety.duke.edu/learn/ma/> (last visited November 16, 2016).

<sup>46</sup> DUKE: SCIENCE & POLICY, *Master of Arts in Bioethics & Science Policy JD/MA Program*, <https://scienceandsociety.duke.edu/learn/ma/curriculum/jdma-program/> (last visited November 16, 2016).

<sup>47</sup> DUKE: SCIENCE & POLICY, *Master of Arts in Bioethics & Science Policy Curriculum/CORE*, <https://scienceandsociety.duke.edu/learn/ma/curriculum/core-courses/> (last visited November 16, 2016); DUKE: SCIENCE & POLICY, *Master of Arts in Bioethics & Science Policy Curriculum/Electives*, <https://scienceandsociety.duke.edu/learn/ma/curriculum/electives/> (last visited November 16, 2016).

<sup>48</sup> DUQUESNE UNIVERSITY, *Master of Arts Degree*, <http://www.duq.edu/academics/schools/liberal-arts/centers/center-for-healthcare-ethics/degrees-and-programs/graduate-degrees/masters-degree> (last visited November 16, 2016).

<sup>49</sup> DUQUESNE UNIVERSITY, *Doctoral Degrees (PhD and DHCE)*, <http://www.duq.edu/academics/schools/liberal-arts/centers/center-for-healthcare-ethics/degrees-and-programs/graduate-degrees/doctoral-degrees> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
	PhD in Health Care Ethics <sup>50</sup>	School of Law <sup>51</sup>	Ethics of Care	Research Ethics	Intensive Research in Healthcare Ethics	Healthcare Ethics	(advanced standing)
			Comparative Religious Bioethics	Global Bioethics	Independent Study	Organizational Ethics	Internship I, II Other electives <sup>52</sup>
<b>Emory Center for Ethics</b>	MA in Bioethics <sup>53</sup>		Theory	Death & Dying	Contemporary Issues in Bioethics	Practicum	Foundations of Bioethics I, II, III <sup>54</sup>
			Classic Issues in Bioethics	Ethics Consultation	Seminar	Elective: Law & Bioethics	
<b>Fordham University</b>	MA in Ethics and Society <sup>55</sup>	BA-BS/MA Ethics and Society Program <sup>56</sup>	Religion & Bioethics Ethics & Society Cross Disciplinary Perspectives	Natural Law: Reason, Rights and Justice	Natural Law Ethics Normative Ethical Theories	Introduction to Theological (Christian) Ethics	Feminist Theory Fundamental Moral Theory
		MA/JD (with Fordham Law School) <sup>57</sup>	Theories and Applications in Contemporary Ethics	Topics in Legal Philosophy Christian Feminist Ethics	Environmental Philosophy and Ethics Catholic Social Thought	Theological Anthropology and Human Diversity Ecological Theology	Ethics and Economics Beauty of Justice
			Theology and Science	Conservation Law and Policy	Campaign Finance and Ethics	Health Disparities and Social Inequalities	Gender and Economic Development
			Ethics in Psychology	Social Influences on Behaviors	Classical Social Theory	Contemporary Social Theory	Approved Electives <sup>58</sup>
			Practicum				

<sup>50</sup> *Id*

<sup>51</sup> DUQUESNE UNIVERSITY, *Healthcare Ethics MA/JD Joint Degree Program*, <http://www.duq.edu/academics/schools/liberal-arts/centers/center-for-healthcare-ethics/degrees-and-programs/graduate-degrees/ma/jd-joint-degree-program> (last visited November 16, 2016).

<sup>52</sup> DUQUESNE UNIVERSITY, *Healthcare Ethics Course List*, <http://www.duq.edu/academics/schools/liberal-arts/centers/center-for-healthcare-ethics/degrees-and-programs/course-list> (last visited November 16, 2016).

<sup>53</sup> EMORY CENTER FOR ETHICS, *Master of Arts in Bioethics: Emory Laney Graduate School*, <http://ethics.emory.edu/mabioethics/> (last visited November 16, 2016).

<sup>54</sup> EMORY CENTER FOR ETHICS, *Current Courses*, <http://ethics.emory.edu/mabioethics/curriculum/currentcourses.html> (last visited November 16, 2016); EMORY CENTER FOR ETHICS, *Master of Arts in Bioethics*, <http://ethics.emory.edu/mabioethics/curriculum/programrequirements.html> (last visited November 16, 2016).

<sup>55</sup> FORDHAM UNIVERSITY, *Ethics and Society*, <http://www.fordham.edu/ethicsandsociety/> (last visited November 16, 2016).

<sup>56</sup> FORDHAM UNIVERSITY, *Five Year BA/MA Ethics and Society Program*, [http://www.fordham.edu/info/21413/about\\_the\\_program/6212/five\\_year\\_bama\\_ethics\\_and\\_society\\_program](http://www.fordham.edu/info/21413/about_the_program/6212/five_year_bama_ethics_and_society_program) (last visited November 15, 2016).

<sup>57</sup> FORDHAM UNIVERSITY, *Joint JD/MA Program*, [http://www.fordham.edu/info/21413/about\\_the\\_program/2809/joint\\_jdma\\_program](http://www.fordham.edu/info/21413/about_the_program/2809/joint_jdma_program) (last visited November 15, 2016).

<sup>58</sup> FORDHAM UNIVERSITY, *Courses: Ethics and Society Curriculum*, <http://www.fordham.edu/info/23451/courses> (last visited November 15, 2016); FORDHAM UNIVERSITY, *Practicum*, [http://www.fordham.edu/info/21413/about\\_the\\_program/2800/practicum](http://www.fordham.edu/info/21413/about_the_program/2800/practicum) (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
Florida State University	Graduate Certificate in Bioethics <sup>59</sup>		Theoretical Foundations of Applied Ethics	Bioethics	Capstone Course	Elective Courses <sup>60</sup>	
Georgetown	PhD in Philosophy (with bioethics fellowship at the Kennedy Institute of Ethics) <sup>61</sup>	PhD in Philosophy (with bioethics fellowship at the Kennedy Institute of Ethics)/ JD (with Georgetown Law) <sup>62</sup>	Authority: Political/Moral Deontic Pluralism Virtue Ethics	Distributive Justice Environmental Justice Kantian Ethics	Ethics Proseminar Joint Seminar in Law and Philosophy: Rights Theories of Medical Ethics	Ethics of Death & Dying Just Wars in Theory & Practice Moral Psychology	Life, Death & the Law I; II Methods of Bioethics Moral Epistemology <sup>64</sup>
Harvard University	Master of Bioethics <sup>65</sup>	PhD in Philosophy (with bioethics fellowship at the Kennedy Institute of Ethics)/ MD (with Georgetown University School of Medicine) <sup>63</sup>	Foundations of Bioethics Research Ethics	Clinical Ethics Genetics	Global Health Ethics Reproductive Ethics	Health Law, Policy and Bioethics Neuroethics	Capstone Experience <sup>66</sup>
Hofstra University	Certificate in Clinical Bioethics <sup>67</sup>						
Indiana University	MA in Philosophy with a	MA in Philosophy with a concentration in Bioethics	Philosophy Core Ancient Philosophy	Classical American Philosophy Metaphysics	Bioethics and Pragmatism International Research Ethics	Practicum in International Research Ethics	Law and Public Health Bioethics and the Law

<sup>59</sup> FLORIDA STATE UNIVERSITY: Department of Philosophy, *Graduate Certificate in Bioethics*, <http://philosophy.fsu.edu/Graduate-Study/Graduate-Certificate-in-Bioethics> (last visited November 15, 2016).

<sup>60</sup> *Id.*

<sup>61</sup> GEORGETOWN UNIVERSITY: KENNEDY INSTITUTE OF ETHICS, *A philosophical graduate education in bioethics*, <https://kennedyinstitute.georgetown.edu/education/graduate/> (last visited November 15, 2016).

<sup>62</sup> GEORGETOWN UNIVERSITY: GEORGETOWN COLLEGE: DEPARTMENT OF PHILOSOPHY, *Dual JD Program*, <http://philosophy.georgetown.edu/graduate/academic-programs/dual-jd> (last visited November 15, 2016).

<sup>63</sup> GEORGETOWN UNIVERSITY: GEORGETOWN COLLEGE: DEPARTMENT OF PHILOSOPHY, *Dual MD Program* <http://philosophy.georgetown.edu/graduate/academic-programs/dual-md> (last visited November 15, 2016).

<sup>64</sup> GEORGETOWN UNIVERSITY: KENNEDY INSTITUTE OF ETHICS, *Explore recent bioethics offerings*, <https://kennedyinstitute.georgetown.edu/education/graduate/> (last visited November 15, 2016).

<sup>65</sup> CENTER FOR BIOETHICS: HARVARD MEDICAL SCHOOL, *Master of Bioethics*, <http://bioethics.hms.harvard.edu/master-bioethics> (last visited November 16, 2016).

<sup>66</sup> CENTER FOR BIOETHICS: HARVARD MEDICAL SCHOOL, *Curriculum*, <http://bioethics.hms.harvard.edu/curriculum> (last visited November 16, 2016).

<sup>67</sup> HOFSTRA UNIVERSITY BIOETHICS CENTER, *Certificate in Clinical Bioethics*, <http://www.hofstra.edu/academics/bioethics/bioethics-certificate-clinical-bioethics.html> (last visited November 15, 2016).



Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
	concentration in Bioethics <sup>68</sup>	or International Research Ethics/ JD (with the Indiana University Robert H. McKinney School of Law) <sup>70</sup>	Pragmatism	Theory of Knowledge	Practicum Orientation	Philosophy of Science	Culture, History and Contemporary Health in Africa
	MA in Philosophy with a concentration in International Research Ethics <sup>69</sup>	BA/MA in Philosophy (5 year program) <sup>71</sup>	Medieval Philosophy	Contemporary Philosophy	Clinical Ethics Practicum	Ethical and Policy Issues in International Research	Introduction to Research Ethics Medical Anthropology
			Topics in the History of Modern Philosophy	Foundations of Bioethics	Health Provider-Consumer Communication	Topics in Biomedical Ethics	
			Social and Political Philosophy	Contemporary Ethical Theories	Financing and Regulating Health Care	Bioethics and the Law	
			Topics in Philosophy	History of Medicine	Intensive Reading	Law and Public Health	Sociology of Health and Illness
				Sociology of Health and Illness	Death and Dying	Ethical/Legal Perspectives in Advanced Nursing Practice	Thesis/Research Project <sup>72</sup>
<b>Johns Hopkins University</b>	MBE <sup>73</sup>	Certificate in Bioethics and Health Policy <sup>75</sup>	<b><u>MBE Program</u></b>	Ethical Issues in Health Policy	Bioethics and the Law	<b><u>PhD Program</u></b>	First Year PhD Capstone
	PhD in Health Policy & Management with a concentration in Bioethics & Health Policy <sup>74</sup>		Foundations of Bioethics I, II	Ethics of Healthcare Decision-Making: Theory and Practice	Nutrition Ethics and Policy: Understanding The Ethical Issues of Nutrition Science, Politics and Practice	Statistical Methods in Public Health I, II, III, IV	Ethical Issues in Public Health
			Moral Theory For Bioethics	Global Food Ethics	Advanced Clinical Ethics Practicum	PhD Seminar in Health Policy I, II, III	PhD Seminar in Health Policy: Using Secondary Data to Conduct Health Policy Research

<sup>68</sup> INDIANA UNIVERSITY CENTER FOR BIOETHICS, *MA Philosophy – Bioethics*,

<http://bioethics.medicine.iu.edu/education/ma-philosophy-bioethics/> (last visited November 15, 2016).

<sup>69</sup> INDIANA UNIVERSITY CENTER FOR BIOETHICS, *MA Philosophy – International Research Ethics Concentration*, <http://bioethics.medicine.iu.edu/education/irema/> (last visited November 15, 2016).

<sup>70</sup> INDIANA UNIVERSITY – PURDUE UNIVERSITY INDIANAPOLIS, *Combined Degrees*,

[http://liberalarts.iupui.edu/philosophy/index.php/programs/ma\\_combined](http://liberalarts.iupui.edu/philosophy/index.php/programs/ma_combined) (last visited November 15, 2016).

<sup>71</sup> INDIANA UNIVERSITY – PURDUE UNIVERSITY INDIANAPOLIS, *Five-Year Bachelor of Arts/ Master of Arts in Philosophy*, [http://liberalarts.iupui.edu/philosophy/index.php/programs/ba\\_ma](http://liberalarts.iupui.edu/philosophy/index.php/programs/ba_ma) (last visited November 15, 2016).

<sup>72</sup> INDIANA UNIVERSITY CENTER FOR BIOETHICS, *Course Descriptions*,

<http://bioethics.medicine.iu.edu/education/irema/course-descriptions/> (last visited November 15, 2016); INDIANA UNIVERSITY – PURDUE UNIVERSITY INDIANAPOLIS, *Bioethics Curriculum*,

[http://liberalarts.iupui.edu/philosophy/index.php/programs/bioethics\\_curriculum](http://liberalarts.iupui.edu/philosophy/index.php/programs/bioethics_curriculum) (last visited November 15, 2016).

<sup>73</sup> JOHNS HOPKINS: BERMAN INSTITUTE OF BIOETHICS, *Master of Bioethics*,

[http://www.bioethicsinstitute.org/education-training-2/master-of-bioethics?doing\\_wp\\_cron=1461443088.1958959102630615234375](http://www.bioethicsinstitute.org/education-training-2/master-of-bioethics?doing_wp_cron=1461443088.1958959102630615234375) (last visited November 15, 2016).

<sup>74</sup> JOHNS HOPKINS: BERMAN INSTITUTE OF BIOETHICS, *PhD Concentration in Bioethics & Health Policy*,

<http://www.jhsph.edu/departments/health-policy-and-management/degree-programs/phd-in-health-policy-and-management/phd-concentration-in-bioethics-and-health-policy/> (last visited November 15, 2016).

<sup>75</sup> JOHNS HOPKINS: BERMAN INSTITUTE OF BIOETHICS, *Bioethics and Health Policy*,

<http://www.jhsph.edu/academics/certificate-programs/certificates-for-hopkins-students/bioethics-and-health-policy.html> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
			Clinical Ethics	Social Justice and Bioethics: Contemporary Theories, General Issues and Specific Applications	Ethical Issues in Public Health	Graduate Doctoral Seminar in Bioethics	Special Studies and Research
			Ethics, Policy and Emerging Biotechnology	Research Ethics and Integrity	Ethics of Public Health Practice in Developing Countries	Epidemiologic Inferences in Public Health I	Advanced Bioethics Course
			Clinical Ethics Consultation	Research Ethics and Integrity	Special Topics in: Bioethics & Law; Research Ethics; Global Bioethics; Public Health Ethics; Ethics, Policy & Emerging Biotechnology	Ethical Issues in Health Policy: Public Health and Health Care	Moral and/or Political Philosophy elective
			Justice and Health	Research Ethics Committees	Ethics; Ethics, Policy & Emerging Biotechnology	Research and Evaluation Methods for Health Policy I, II	Research and Proposal Writing I
			Ethics in Clinical Practice: Fundamentals and Approaches	Animal Ethics	Bioethics Program Thesis Seminar I, II	Public Health and the Law	Special Studies and Research
			Topics in Bioethics	Ethics, Policy, and Emerging Biomedical Technologies	Bioethics Program	Ethics of Public Health Practice in Developing Countries	Public Health Perspectives on Research
			Methods in Bioethics	Bioethics and Infectious Diseases: Ethical, Legal and Human Rights Issues	Bioethics Program Practicum <sup>76</sup>		Research Ethics and Integrity
			Global Bioethics			Social Justice Theory and Public Health	Teaching
			Ethical, Legal and Social Implications in Genetics and Genomics				Approved Electives <sup>77</sup>
<b>Kansas City University</b>	MA in Bioethics <sup>78</sup>	MA in Bioethics/DO (with KCU)					
<b>Loma Linda University</b>	MA in Bioethics <sup>79</sup>	MA in Bioethics/DDS (with LLU)	Bioethics and Society	Research Methods	Christian Social Ethics	The Good, the Bad and the Ugly: Moral Aspects of Art and Illness	World Religions and Bioethics
		MA in Bioethics/MD (with LLU)	Philosophical Resources for Bioethics	Ethics for Scientists	Clinical Ethics Practicum I, II	Heroes of Healthcare	Bioethics and the Law
				Ethical Issues in Public Health	Ethics and Health Disparities		Reading Tutorial

<sup>76</sup> JOHNS HOPKINS: BLOOMBERG SCHOOL OF PUBLIC HEALTH, *Course Catalog*, <http://dev13.jhsph.nts.jhu.edu/courses/list/?keyword=700.6&yearId=2015>; <http://www.bioethicsinstitute.org/wp-content/uploads/2015/03/MBE-Courses.pdf> (last visited November 15, 2016).

<sup>77</sup> JOHNS HOPKINS: BLOOMBERG SCHOOL OF PUBLIC HEALTH, *Concentration in Bioethics & Health Policy Curriculum 2015/16*, <http://www.jhsph.edu/departments/health-policy-and-management/degree-programs/phd-in-health-policy-and-management/phd-concentration-in-bioethics-and-health-policy/bioethics-curriculum.html> (last visited November 15, 2016).

<sup>78</sup> KANSAS CITY UNIVERSITY, *Masters in Bioethics*, <http://www.kcumb.edu/academics/college-of-osteopathic-medicine/bioethics/ma/> (last visited November 15, 2016).

<sup>79</sup> LOMA LINDA UNIVERSITY, *MA in Bioethics*, <http://religion.llu.edu/academics/degrees/ma-bioethics> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered					
		MA in Bioethics/PharmD (with LLU)	Bible, Theology, and Bioethics					Independent Research <sup>81</sup>
		MA in Bioethics/ PsyD or PhD (Psychology) (with LLU)	Masters Seminar I, II					
		MA in Bioethics/ PhD (Social Policy and Social Research) (with LLU)						
		MA in Bioethics/ PhD (nursing) (with LLU) <sup>80</sup>						
<b>Loyola Marymount University</b>	MA in Bioethics <sup>82</sup>		Introduction to Bioethics	Bioethics at the End of Life	Foundations of Philosophical Ethics	Legal and Medical Constructions of Sex, Gender and Sexual Identity	Research Ethics	
	Graduate Certificate in Bioethics <sup>83</sup>		Bioethics at the Beginning of Life	Clinical Bioethics	Ethics and the Brain		Philosophy of Thomas Aquinas	
			Law and Bioethics	Foundations of Theological Ethics	Catholic Health Care Ethics	Hermeneutics	Feminism and Environmental Justice	
					Bioethics & Environmentalism	Issues in Biotechnology	Sociology of Medicine <sup>84</sup>	
<b>Loyola University Chicago</b>	MA in Bioethics & Health Policy <sup>85</sup>	MA in Bioethics & Health Policy/ MD (with Stritch School of Medicine) <sup>89</sup>	Clinical Topics in Bioethics	Research Ethics	Religion & Bioethics	Organization Ethics II, Ethical	Narrative Bioethics	
	D.Bioethics <sup>86</sup>		Justice and Health Care	Principles of Health Care Ethics	Ethics Consultation Seminar	Leadership for a Changing Healthcare Environment	Cultural Competence in Health Care	
			Ethics Across the Care Continuum	Social Science and Bioethics	Public Health Ethics	History of Medicine & Bioethics	Bioethics, Biotechnology, and the Law	

<sup>80</sup> LOMA LINDA UNIVERSITY, *Dual Degrees*, <http://religion.llu.edu/academics/degrees/dual-degrees> (last visited November 15, 2016).

<sup>81</sup> LOMA LINDA, *supra* note 79.

<sup>82</sup> LOYOLA MARYMOUNT UNIVERSITY, *Master of Arts in Bioethics*, <http://bellarmine.lmu.edu/bioethics/academics/masterofarts/> (last visited November 15, 2016).

<sup>83</sup> LOYOLA MARYMOUNT UNIVERSITY, *Graduate Certificate in Bioethics*, <http://bellarmine.lmu.edu/bioethics/academics/graduatecertificate/> (last visited November 15, 2016).

<sup>84</sup> LOYOLA MARYMOUNT, *supra* note 82.

<sup>85</sup> *Id.*

<sup>86</sup> LOYOLA UNIVERSITY CHICAGO, *Doctorate in Bioethics*, <http://hsd.luc.edu/bioethics/graduateeducation/doctoratedegree/> (last visited November 15, 2016).

<sup>89</sup> LOYOLA UNIVERSITY CHICAGO, *Joint MD/MA Program In Bioethics & Health Policy*, <http://hsd.luc.edu/bioethics/medicaleducation/mdmajointdegree/> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
	Certificate in Clinical Ethics <sup>87</sup>		Biomedical Ethics and the Law	Ethics, Genetics & Health Policy	Organization Ethics I, Business, Professionalism, and Justice	Moral Theology for Bioethics	Doctoral Capstone I, II
	Certificate in Bioethics and Health Policy with a Catholic Concentration <sup>88</sup>		Writing and Scholarship	Professionalism & Professional Ethics	Integrating Empirical Research in Ethics	Ignatian Spirituality and Medicine	Master's Research Capstone
			Pediatric Ethics	Advanced Clinical Ethics Skills	Practicum in Public Health Ethics	Practicum in Clinical/Research Ethics	Independent Study <sup>90</sup>
			Advanced Topics in Research Ethics: Special Populations	Catholic Bioethics in Clinical Practice	Catholic Bioethics and Social Justice		
<b>Medical College of Wisconsin</b>	MA in Bioethics (traditional)		Clinical Topics in Bioethics	Clinical Bioethics I, II	Ethics Beyond the Acute Care Setting	Regulatory Issues in Human Subject Research Protections	Special Topics in Bioethics
	MA in Bioethics (executive)		Philosophical Bioethics	Medical Ethics	Critical Approaches to Bioethics	Current Topics in Research Ethics	Teaching Medical Ethics
	Certificate in Clinical Bioethics		Law and Bioethics	Justice and Healthcare	Ethics and Integrity in Science	Issues in Pediatric Ethics	Reading and Research
	Certificate in Research Ethics <sup>91</sup>		Bioethics Consultation and Committees	Physician Conduct: Ethics and the Law	Religion and Bioethics	Ethics and Human Reproduction	Masters Consultation
				Introduction to Research Ethics	History and Meaning of Ethics and Professionalism in Medicine		Bioethics Journal Club
							Master's Thesis <sup>92</sup>
<b>New York Medical College</b>	MS in Medical Ethics		Biomedical Ethics I, II	Law and Health	At the Intersection of Religion and Medicine	The Business of Medicine	Jewish Medical Ethics: Questions Regarding End of Life Issues
	Certificate in Medical Ethics <sup>93</sup>		Health Care in the US Health Economics	Responsible Conduct of Research	History of Medicine	Medical Ethics and Medical Law	
			Medical Anthropology	Bioethics: Questions Regarding	The Patient-Physician Relationship	Introduction to Jewish Medical Ethics	Jewish Medical Ethics:

<sup>87</sup> LOYOLA UNIVERSITY CHICAGO, *Certificate Programs*, <http://hsd.luc.edu/bioethics/graduateeducation/certificateprograms/> (last visited November 15, 2016).

<sup>88</sup>*Id.*

<sup>90</sup> LOYOLA UNIVERSITY CHICAGO, *Course Descriptions*, <http://hsd.luc.edu/bioethics/content/coursedescriptions/> (last visited November 15, 2016).

<sup>91</sup> MEDICAL COLLEGE OF WISCONSIN, *Center for Bioethics and Medical Humanities*, <http://www.mcw.edu/Center-Bioethics-Medical-Humanities/Education.htm> (last visited November 15, 2016).

<sup>92</sup> MEDICAL COLLEGE OF WISCONSIN, *Medical College of Wisconsin Traditional Master of Arts in Bioethics Program*,

<http://www.mcw.edu/Center-Bioethics-Medical-Humanities/Traditional-Master-Arts-Bioethics.htm> (last visited November 15, 2016).

<sup>93</sup> NEW YORK MEDICAL COLLEGE, *M.S. in Medical Ethics*, <http://www.nymc.edu/school-of-medicine-som/academics/ms-in-medical-ethics/> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
				Beginning of Life Issues	Pharmaceutical Ethics	Jewish Medical Ethics: Questions Regarding Beginning of Life Issues	Questions Regarding Surgery
				Medical Decision-Making	Medicine & Literature: A Cross-Cultural Perspective		Jewish Medical Ethics: The Patient-Physician Relationship <sup>94</sup>
				Philosophy of Medicine			
<b>New York University</b>	MA in Bioethics	MA in Bioethics/MD (with NYU Medical School) <sup>95</sup>	Advanced Introduction to Bioethics	Life & Death	Clinical Ethics	Global Burden of Infectious Disease	Global Environmental Health
			Advanced Introduction to Environmental Ethics	Global Health Governance and Management	Ethical Issues and Decision-Making in Public Health	Climate Change and Environmental Policy	Global Health Policy & Management Bioethics Practicum
			Topics in Bioethics	Comparative Health Systems	Epidemiology	International Population and Family Health	Independent Study
				Public Health Law	History and Principles of Public Health		Approved Electives <sup>96</sup>
					Research Ethics: Human Subjects Research Ethics		
<b>Northwestern University</b>	MA in Medical Humanities and Bioethics <sup>97</sup>	MA in Medical Humanities and Bioethics/MD <sup>98</sup>	Foundations of Bioethics	Literature & Medicine	Special Topics in Medical Humanities & Bioethics		
			Medicine & Law	Social Science & Medicine	Tutorial in MH&B <sup>100</sup>		
		MA in Medical Humanities and Bioethics/MS in	The History of Medicine	The Practice of Bioethics			

<sup>94</sup> NEW YORK MEDICAL COLLEGE, *Curriculum*, <http://www.nymc.edu/school-of-medicine-som/academics/ms-in-medical-ethics/curriculum/> (last visited November 15, 2016).

<sup>95</sup> NEW YORK UNIVERSITY COLLEGE OF GLOBAL PUBLIC HEALTH, *Dual Degrees MD/MA in Bioethics*, <http://publichealth.nyu.edu/academic-programs/bioethics/degree-requirements/dual-degrees.html> (last visited November 15, 2016).

<sup>96</sup> NEW YORK UNIVERSITY COLLEGE OF GLOBAL PUBLIC HEALTH, *Bioethics Electives*, <http://publichealth.nyu.edu/academic-programs/bioethics/degree-requirements/bioethics-electives.html> (last visited November 15, 2016).

<sup>97</sup> NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE: CENTER FOR BIOETHICS AND MEDICAL HUMANITIES, *Prospective MA Students*, <http://bioethics.northwestern.edu/education/prospective-graduate/index.html> (last visited November 15, 2016).

<sup>98</sup> NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE: CENTER FOR BIOETHICS AND MEDICAL HUMANITIES, *Combined MA/MD*, <http://bioethics.northwestern.edu/education/prospective-graduate/combined-MA-MD.html> (last visited November 15, 2016).

<sup>100</sup> NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE: CENTER FOR BIOETHICS AND MEDICAL HUMANITIES, *Course Descriptions*, <http://bioethics.northwestern.edu/education/prospective-graduate/course-descriptions.html> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
Penn State	Dual-Title PhD in Biobehavioral Health and Bioethics <sup>101</sup>	Genetic Counseling <sup>99</sup>	Perspectives and Methods in Bioethics	Perspectives in Macro-Bioethics	Ethics and the Responsible Conduct of Biomedical Research	Research Topics	Elective Courses <sup>105</sup>
	Dual-Title PhD in Anthropology and Bioethics <sup>102</sup>			Bioethics Colloquium		Individual Studies	
	Dual-Title PhD in Communication Arts and Sciences and Bioethics <sup>103</sup>					Special Topics in Bioethics	Colloquium
	Dual-Title PhD in Nursing and Bioethics <sup>104</sup>						
Radford University and Jefferson College of Health Sciences Rush University (not accepting applications as of December 2016)	Post-baccalaureate Bioethics Certificate <sup>106</sup>  MA in Health Care Ethics <sup>108</sup> Certificate of Graduate Study in Health Care Ethics <sup>109</sup>		Advanced Bioethics	Emerging Trends in Bioethics	Organizational Leadership in Bioethics	Cultural Perspectives in Bioethics <sup>107</sup>	
			Introduction to Health Care Ethics	Seminar: The Clinic and the Classics	Medical Economics	Healthcare Organizations	Ethics Consultation
			Major Issues	Medical Sociology	Health Law Research	Practical I,II, III	Research and Thesis <sup>110</sup>

<sup>99</sup> NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE: CENTER FOR GENETIC MEDICINE, *Dual Degree Program*, <http://cgm.northwestern.edu/education/graduate-genetic-medicine/program-description/dual-degree.html> (last visited November 15, 2016).

<sup>101</sup> PENN STATE: COLLEGE OF HEALTH AND HUMAN DEVELOPMENT, *Dual-Title Ph.D. in Biobehavioral Health and Bioethics*, <http://bbh.hhd.psu.edu/graduate/dual-title-bbh-bioethics> (last visited November 16, 2016).

<sup>102</sup> PENN STATE, *Anthropology*, [http://bulletins.psu.edu/bulletins/whitebook/graduate\\_degree\\_programs.cfm?letter=A&program=grad\\_anth.htm](http://bulletins.psu.edu/bulletins/whitebook/graduate_degree_programs.cfm?letter=A&program=grad_anth.htm) (last visited November 16, 2016).

<sup>103</sup> PENN STATE, *Communication Arts and Sciences*, [http://bulletins.psu.edu/bulletins/whitebook/graduate\\_degree\\_programs.cfm?letter=C&program=grad\\_spcom.htm](http://bulletins.psu.edu/bulletins/whitebook/graduate_degree_programs.cfm?letter=C&program=grad_spcom.htm) (last visited November 16, 2016).

<sup>104</sup> PENN STATE, *Nursing*, <http://bulletins.psu.edu/graduate/programs/N/GRAD%20NURS> (last visited November 16, 2016).

<sup>105</sup> *Id.*

<sup>106</sup> RADFORD UNIVERSITY, *Bioethics Certificate*, <https://www.radford.edu/content/grad/home/academics/certificates/bioethics.html> (last visited November 16, 2016).

<sup>107</sup> *Id.*

<sup>108</sup> RUSH UNIVERSITY, *MA in Health Care Ethics*, <https://www.rushu.rush.edu/college-health-sciences/academic-programs/health-care-ethics-ma-and-certificate> (last visited November 16, 2016).

<sup>109</sup> *Id.*

<sup>110</sup> *Id.*

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
Saint Louis University	PhD in Health Care Ethics <sup>111</sup>	PhD in Health Care Ethics/ JD (with Saint Louis School of Law) <sup>113</sup>	Philosophical Methods in Health Care Ethics	Interdisciplinary Research in Health Care Ethics	Foundations of Catholic Morality	Research Ethics	Practicum
			Religious Methods in Health Care Ethics	Philosophical Foundations in Ethics	Introduction to Medicine for Ethicists	Bioethics and the Law	Interdisciplinary Research Seminar: Dissertation Research in Health Care Ethics
	PhD in Theology and Health Care Ethics <sup>112</sup>	PhD in Health Care Ethics/ MD (with Saint Louis School of Medicine) <sup>114</sup>	Philosopher(s) in Health Care Ethics	Religious Scholar(s) in Health Care Ethics	Clinical Ethics	Health Care Ethics in the Catholic Tradition	Directed Research in Health Law and Ethics
					Clinical Issues in Health Care Ethics	Directed Research in Health Law and Ethics	Directed Research in Descriptive Ethics
Saint Joseph's University	MA in Health Care Ethics <sup>117</sup>	MA in Health Care Ethics/ MD (with Drexel University College of Medicine) <sup>118</sup>	Topics in Bioethics	Philosophical Issues in Bioethics	Ethics of Healthcare	Methodological Issues in Bioethics	Fieldwork in Clinical Bioethics
			Health Care Law	Health Care Policy	Death and Dying: End of Life Decision Making	Theological Issues in Bioethics	Integrative Capstone in Bioethics <sup>119</sup>
Stony Brook University	MA in Medical Humanities <sup>120</sup>		Compassionate Care, Medical Humanities, and the Illness Experience	Landmark Cases in Bioethics	Special Topic in Biotechnology	Altruism and Bioethics	Health Policy, History & Ethics
				Traditions and Values in Bioethical Conflicts	Capstone Course	Disease and Society	The Problem of Evil: Philosophical, Biological and Social Dimensions

<sup>111</sup> SAINT LOUIS UNIVERSITY, *PhD Program*, <http://www.slu.edu/bioethics/phd-program> (last visited November 16, 2016).

<sup>112</sup> SAINT LOUIS UNIVERSITY, *PhD Program Curriculum*, <http://www.slu.edu/bioethics/phd-program/curriculum#Joint> (last visited November 16, 2016).

<sup>113</sup> SAINT LOUIS UNIVERSITY, *JD/PhD Program Curriculum*, <http://www.slu.edu/bioethics/phd-program/curriculum#JD> (last visited November 16, 2016).

<sup>114</sup> SAINT LOUIS UNIVERSITY, *MD/PhD Program Curriculum*, <http://www.slu.edu/bioethics/phd-program/curriculum#MD> (last visited November 16, 2016).

<sup>115</sup> SAINT LOUIS UNIVERSITY, *MA/PhD Program Curriculum*, <http://www.slu.edu/bioethics/phd-program/curriculum#MA> (last visited November 16, 2016).

<sup>116</sup> SAINT LOUIS UNIVERSITY, *PhD Program: Course Descriptions*, <http://www.slu.edu/bioethics/phd-program/course-descriptions> (last visited November 16, 2016).

<sup>117</sup> SAINT JOSEPH'S UNIVERSITY, *Welcome to Health Care Ethics*, <http://www.sju.edu/int/academics/cas/grad/hce/index.html> (last visited November 16, 2016).

<sup>118</sup> DREXEL UNIVERSITY: COLLEGE OF MEDICINE, *Dual Degree Program: MD/Health Care Ethics MA*, <http://www.drexel.edu/medicine/Academics/Dual-Degree-Programs/MD-Health-Care-Ethics-MA/> (last visited November 16, 2016).

<sup>119</sup> *Id.*

<sup>120</sup> STONY BROOK UNIVERSITY: CENTER FOR MEDICAL HUMANITIES, COMPASSIONATE CARE, AND BIOETHICS, *Frequently Asked Questions*, <http://www.stonybrook.edu/bioethics/faq.shtml> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered					
Temple University	MA in Urban Bioethics <sup>122</sup>	MA in Urban Bioethics/ MD (with Lewis Katz School of Medicine)	Bioethics, Disability & Community	Empirical Bioethics: Moral Decision Making	Bioethics and Film	Empirical Bioethics: Moral Decision Making	Special Topics in Medical Humanities <sup>121</sup>	
			The Role of Virtue Ethics in Medicine	Community Engagement I, II	Clinical Ethics Practicum	Special Topics in Bioethics		
			Urban Bioethics 1, 2	The Values, Ethics & Economics of Health Care Delivery in Urban Communities	Critical Social Science and Urban Bioethics	Critical Social Science and Urban Bioethics	Independent Study I, II <sup>124</sup>	
The Ohio State University	MA in Bioethics <sup>125</sup>	MA in Urban Bioethics/ DPT in Physical Therapy						
			MA in Urban Bioethics/ MA in Philosophy <sup>123</sup>	Critical Social Science and Urban Bioethics	Bioethics, Law, and Public Policy	Advanced Clinical Bioethics	Bioethics and the Holocaust	Ethics Practicum
				Biomedical Research Ethics	Bioethics, Law, and Public Policy	End of Life Ethics	Directed Readings in Bioethics	Master's Thesis <sup>126</sup>
Trinity Graduate School	MA in Bioethics <sup>127</sup>	MA in Bioethics/ BA (with Trinity International University) <sup>128</sup>	Clinical Bioethics	Bioethics Symposium I	Pediatric and Perinatal Bioethics			
			Introduction to Bioethics: Matters of Life and Death	Bioethics Symposium II	Foundations of Integrative Thought in Bioethics	Nursing Ethics	Bioethics Colloquium	
			Intensive Bioethics Institute	Foundations of Cultural Engagement in Bioethics	Bioethics Capstone Comprehensive Examination	The Public Policy Context	Bioethics, Human Dignity and the Church	
		MA in Bioethics/ MDiv (with Trinity Evangelical)	Bioethics and Public Policy	Ethical Theory	Bioethics Capstone Integrative Paper	Law and Bioethics	Readings in Bioethics	

<sup>121</sup> STONY BROOK UNIVERSITY: CENTER FOR MEDICAL HUMANITIES, COMPASSIONATE CARE, AND BIOETHICS, *Masters Courses*, <http://www.stonybrook.edu/bioethics/courses.shtml> (last visited November 16, 2016).

<sup>122</sup> TEMPLE UNIVERSITY, *Urban Bioethics, M.A.: About The Program.*, <http://bulletin.temple.edu/graduate/scd/medicine/urban-bioethics-ma/> (last visited November 16, 2016).

<sup>123</sup> *Id.*

<sup>124</sup> TEMPLE UNIVERSITY, *Urban Bioethics, M.A.: Courses*, <http://bulletin.temple.edu/graduate/scd/medicine/urban-bioethics-ma/#courseinventory> (last visited November 16, 2016).

<sup>125</sup> THE OHIO STATE UNIVERSITY, *Center for Bioethics and Medical Humanities*, <https://medicine.osu.edu/orgs/bioethics/graduate%20programs/master%20of%20arts/pages/index.aspx> (last visited November 15, 2016).

<sup>126</sup> *Id.*

<sup>127</sup> TRINITY GRADUATE SCHOOL, *MA in Bioethics*, <http://graduate.tiu.edu/degree/master-of-arts-bioethics/> (last visited November 16, 2016).

<sup>128</sup> TRINITY GRADUATE SCHOOL, *Bachelor of Arts/ Master of Arts in Bioethics*, <http://graduate.tiu.edu/degree/bachelor-of-arts-master-of-arts-in-bioethics/> (last visited November 16, 2016).



Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		Divinity School) <sup>129</sup>	Advanced Bioethics Institute	Clinical Issues in Bioethics	Bioethics Thesis Research Methods The Clinical Context	Bioethics Regional Conference Course Bioethics National Conference Advanced Clinical Ethics	Advanced Bioethics Institute Classic Cases in Bioethics Personhood in Theological and Philosophical Perspective <sup>131</sup>
<b>University of Colorado Anschutz Medical Campus</b>	Graduate Certificate in Health Humanities and Ethics <sup>132</sup>		Foundations in Health Humanities Foundations of Ethics: Issues in Health	Health Ethics in the Clinical Setting Health Ethics in the Research Setting	Health Ethics, Law and Social Justice Special Topics in Health Care Ethics	The History and Sociology of Medicine Literature, Visual Arts and Health Care	Narrative Medicine The Science and Art of the Mind Electives at University of Colorado Denver Campus <sup>133</sup>
<b>University of Louisville</b>	MA in Interdisciplinary Studies – Bioethics and Medical Humanities <sup>134</sup>	MA in Interdisciplinary Studies – Bioethics and Medical Humanities/MD (with University of Louisville Medical School) <sup>135</sup>  MA in Interdisciplinary Studies – Bioethics and	Ethical Theory Foundations of Bioethics Current Controversies in Health Care Ethics	Gender, Race and Culture in Health Care Health Care, Community and Justice	Integrative Bioethics: Self and Other in Theory and Practice	Clinical Ethics Current Controversies in Health Care Ethics	Other Approved Electives <sup>138</sup>

<sup>129</sup> TRINITY, *supra* note 127.

<sup>130</sup> *Id.*

<sup>131</sup> *Id.*

<sup>132</sup> UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS: CENTER FOR BIOETHICS AND HUMANITIES, *Certificate in Health Humanities and Ethics*, <http://www.ucdenver.edu/academics/colleges/medicalschoo/centers/BioethicsHumanities/hehe/Pages/default.aspx> (last visited November 16, 2016).

<sup>133</sup> UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS: CENTER FOR BIOETHICS AND HUMANITIES, *Courses*, <http://www.ucdenver.edu/academics/colleges/medicalschoo/centers/BioethicsHumanities/hehe/Pages/Courses.aspx> (last visited November 16, 2016).

<sup>134</sup> UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *Curriculum*, <http://louisville.edu/bioethicsma/curriculum-1/curriculum> (last visited November 16, 2016).

<sup>135</sup> UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *MD/MA*, <http://louisville.edu/bioethicsma/dual-degree-pages/duel-degree-programs> (last visited November 16, 2016).

<sup>138</sup> UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *Elective Courses*, <http://louisville.edu/bioethicsma/curriculum-1/approved-electives> (last visited November 16, 2016); UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *Required Course Courses*, <http://louisville.edu/bioethicsma/curriculum-1/required-core-courses> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		Medical Humanities/JD (with Brandeis School of Law) <sup>136</sup>					
		MA in Interdisciplinary Studies – Bioethics and Medical Humanities/MSSW (Kent School of Social Work) <sup>137</sup>					
<b>University of Mary</b>	MS in Bioethics <sup>139</sup>		The Ethical and Religious Directives for Catholic Health Services	Catholic Bioethics, the Dignity of the Person, and the Gift of Human Life	Bioethics: Faith and Reason Law and Bioethics Bioethics Seminar I; II	Health Care and Biomedical Industry Ethics Medicine and Bioethics Health Policy and Bioethics	Bioethics Practicum and Capstone Project <sup>140</sup>
<b>University of Minnesota</b>	MA in Bioethics <sup>141</sup> Clinical Ethics Post-baccalaureate Certificate <sup>142</sup>	MA/JD (with the University of Minnesota Law School) <sup>143</sup>	Topics in Bioethics Bioethics Proseminar Introduction to Clinical Ethics Ethical Issues in Pediatrics Medical Consumerism	Dying in Contemporary Medical Culture Ethics of Human Subjects Research Foundations of Bioethics	Biomedical Ethics Introduction to Bioethics in Health Policy Health Law & Policy Law, Biomedicine and Bioethics Guided Research in Bioethics Bioethics Seminar	Bioethics Research and Publication Seminar Social Context of Health and Illness Independent Study in Bioethics Advanced Independent Study in Bioethics	Advanced Topics in Bioethics Genetic Counseling Issues Practicum in Bioethics Gender and the Politics of Health

<sup>136</sup> UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *JD/MA*, <http://louisville.edu/bioethicsma/dual-degree-pages/jd-ma-placeholder> (last visited November 16, 2016).

<sup>137</sup> UNIVERSITY OF LOUISVILLE: MA IN INTERDISCIPLINARY STUDIES – BIOETHICS AND MEDICAL HUMANITIES, *MSSW/MA*, <http://louisville.edu/bioethicsma/dual-degree-pages/mssw-ma-placeholder> (last visited November 16, 2016).

<sup>139</sup> UNIVERSITY OF MARY, *Master of Science Degree in Bioethics Overview*, <http://www.umary.edu/academics/programs/ms-bioethics.php> (last visited November 16, 2016).

<sup>140</sup> *Id.*

<sup>141</sup> UNIVERSITY OF MINNESOTA: CENTER FOR BIOETHICS, *Master of Arts in Bioethics*, <https://www.bioethics.umn.edu/education/master-arts-bioethics> (last visited November 16, 2016).

<sup>142</sup> UNIVERSITY OF MINNESOTA: CENTER FOR BIOETHICS, *Clinical Ethics Certificate Program*, <https://www.bioethics.umn.edu/education/clinical-ethics-certificate-program> (last visited November 15, 2016).

<sup>143</sup> UNIVERSITY OF MINNESOTA: CENTER FOR BIOETHICS, *Joint Degree Program in Law and Bioethics*, <https://www.bioethics.umn.edu/education/joint-degree-program-law-and-bioethics> (last visited November 15, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
University of Missouri	Online Graduate Certificate in Health Ethics <sup>145</sup>		Health Ethics Theory	Health Informatics Ethics	Health Care Law	Health Organizational Ethics	Master's Thesis Credits <sup>144</sup> Health Policy and Politics <sup>146</sup>
University of Montana	Bioethics Certificate Program <sup>147</sup>		Health Care Ethics Clinical Topics in Bioethics	Ethical Foundations For Quality Improvement and Assessment in Healthcare Clinical Ethics Mediation Intensive I/III Mediation Intensive II/IV	Empirical Bioethics Research Pediatric Ethics Ethics of Public Health Introduction to Bioethics Food Ethics	Bioethics and Healthcare Policy <sup>148</sup> Ethics in Mental Healthcare Ethical Issues in Reproductive Health and Rights Health Policy	
University of Pennsylvania	MBE <sup>149</sup> MSME <sup>150</sup>	MBE/ MD (Penn Medical School) <sup>151</sup> MBE/ JD (Penn Law School) <sup>152</sup> MBE/ LLM (Penn Law School) <sup>153</sup> MBE/ DMD (Penn Dental School) <sup>154</sup>	Conceptual Foundations of Bioethics Cultural Competency: Race, Gender, and Disability in Medicine Rationing and Resource Allocation	Mediation Intensive I/III Mediation Intensive II/IV Mediation & Negotiation Precision Medicine: Its Claims and Implications	Evidence in Bioethics and Health Policy Vaccine Ethics and Policy	Bioethics and the Law Challenging Clinical Ethics:	Narrative Ethics: Health, Medicine, and Literature History of Bioethics Mind Matters: Emerging Ethical Issues in Neuroscience

<sup>144</sup> UNIVERSITY OF MINNESOTA: CENTER FOR BIOETHICS, *All BTHX Courses*, <https://www.bioethics.umn.edu/education/bioethics-courses> (last visited November 15, 2016).

<sup>145</sup> UNIVERSITY OF MISSOURI, *Health Ethics: Online Graduate Certificate*, <http://online.missouri.edu/degreeprograms/healthmanagementinformatics/healthethics.aspx> (last visited November 16, 2016).

<sup>146</sup> *Id.*

<sup>147</sup> UNIVERSITY OF MONTANA, <http://www.umt.edu/bioethics/Bioethics%20Certificate/default.aspx> (last visited November 16, 2016).

<sup>148</sup> UNIVERSITY OF MONTANA, *Program Courses*, <http://www.umt.edu/bioethics/Bioethics%20Certificate/Bioethic%20Certificate%20Program%20Course%20Description.aspx> (last visited November 16, 2016).

<sup>149</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe> (last visited November 16, 2016).

<sup>150</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Science in Medical Ethics*, <http://medicalethics.med.upenn.edu/education/ms-in-medical-ethics-msme> (last visited November 16, 2016).

<sup>151</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/MD*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#MD> (last visited November 16, 2016).

<sup>152</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/JD*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#JD> (last visited November 16, 2016).

<sup>153</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/LLM*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#LLM> (last visited November 16, 2016).

<sup>154</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/DMD*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#DMD> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		MBE/ MSW (Penn Social Work) <sup>155</sup>	Research Ethics	Global Bioethics	History of Medicine	Managing Patient/Caregiver Conflict Through Mediation	Mentored Research I; II; III; IV
		MBE/ MPH (Penn Public Health) <sup>156</sup>	Ethics of Public Health	Proseminar	Conceptual Foundations of Bioethics		Methods I; II; III; IV <sup>160</sup>
		MBE/ MEd or EdD (Penn Graduate School of Education) <sup>157</sup>					
		MBE/ MSN (Penn School of Nursing) <sup>158</sup>					
		MBE/ Nursing Phd (Penn School of Nursing) <sup>159</sup>					
University of Pittsburgh	MA in Bioethics <sup>161</sup>	MA in Bioethics/ JD (University of Pittsburgh)	Philosophy of Medicine	Theoretical Foundations of Applied Ethics	Bioethics	MA Thesis in Bioethics	Gender, Ethics and the Body
			Ethical Issues in Medical Genetics	Historical and Sociological	Clinical Practicum I; II	Bioethics and Health Law	Relevant Electives <sup>164</sup>

<sup>155</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/MSW*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#MSW> (last visited November 16, 2016).

<sup>156</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/MPH*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#MPH> (last visited November 16, 2016).

<sup>157</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/MSEd*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#MSEd> (last visited November 16, 2016).

<sup>158</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/MSN*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#MSN> (last visited November 16, 2016).

<sup>159</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Master of Bioethics: Dual Degrees/Nursing*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/mbe-dual-degrees#Nursing> (last visited November 16, 2016).

<sup>160</sup> PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *Current Course Offerings*, <http://medicalethics.med.upenn.edu/education/master-of-bioethics-mbe/course-offerings> (last visited November 16, 2016); PENN: DEPARTMENT OF MEDICAL ETHICS & HEALTH POLICY, *MSME Curriculum*, <http://medicalethics.med.upenn.edu/education/ms-in-medical-ethics-msme/coursework> (last visited November 16, 2016).

<sup>161</sup> UNIVERSITY OF PITTSBURGH: CENTER FOR BIOETHICS & HEALTH LAW, *Interdisciplinary Master of Arts in Bioethics (MA)*, <http://www.bioethics.pitt.edu/academic-programs/programs-dietrich-school-arts-sciences/interdisciplinary-master-arts-bioethics-ma> (last visited November 16, 2016).

<sup>164</sup> UNIVERSITY OF PITTSBURGH: CENTER FOR BIOETHICS & HEALTH LAW, *Curriculum for the Interdisciplinary Master of Arts in Bioethics*, <http://bioethics.pitt.edu/academic-programs/interdisciplinary-master-arts-bioethics-ma/curriculum-interdisciplinary-master> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		School of Law) <sup>162</sup>		Perspectives in Public Health			
		MA in Bioethics/MD (University of Pittsburgh School of Medicine) <sup>163</sup>					
<b>University of Rochester Medical Center</b>	MS in Medical Humanities <sup>165</sup>		Bioethics at the Bedside: How Clinicians Think Ethically	Stories in Healthcare: Clinicians, Patients and Narrative Medicine	Master's Research Methods: Capstone Planning	Visual Arts in Healthcare: Framing the Field	Capstone Practicum Electives <sup>166</sup>
<b>University of South Florida</b>	MA in Bioethics & Medical Humanities <sup>167</sup>		Medical Ethics & Humanities: Tools & Foundations	Spirituality & Medicine	Health & Social Justice	Bioethics in Contemporary Society	Relevant Electives <sup>169</sup>
	Graduate Certificate in Biomedical Ethics <sup>168</sup>		Foundations of Medical Anthropology			Biotechnology and Bioethics	
<b>University of Texas Medical Branch</b>	PhD in Medical Humanities <sup>170</sup>		Ethics of Scientific Research	Advanced Practicum in Health Care Ethics	Humanism and the Humanities	Clinical Ethics Practicum	Trauma, Narrative, and Resilience
			Graphic Health	Qualitative Methods in	Death & Dying Law & Ethics	Philosophical Ethics	Personalized Medicine, Law and Ethics <sup>171</sup>

<sup>162</sup> UNIVERSITY OF PITTSBURG: CENTER FOR BIOETHICS & HEALTH LAW, *Joint Degree in Law and Bioethics*, <http://www.bioethics.pitt.edu/academic-programs/programs-school-law/joint-degree-law-and-bioethics-jdma> (last visited November 16, 2016).

<sup>163</sup> UNIVERSITY OF PITTSBURG: CENTER FOR BIOETHICS & HEALTH LAW, *Joint Degree in Medicine and Bioethics (MD/MA)*, <http://www.bioethics.pitt.edu/academic-programs/programs-school-medicine/joint-degree-medicine-and-bioethics-mdma> (last visited November 16, 2016).

<sup>165</sup> UNIVERSITY OF ROCHESTER: SCHOOL OF MEDICINE & DENTISTRY, *Medical Humanities*, <https://www.urmc.rochester.edu/education/graduate/masters-degrees/medical-humanities.aspx> (last visited November 16, 2016).

<sup>166</sup> UNIVERSITY OF ROCHESTER: SCHOOL OF MEDICINE & DENTISTRY, *Curriculum*, <https://www.urmc.rochester.edu/education/graduate/masters-degrees/medical-humanities/curriculum.aspx> (last visited November 16, 2016).

<sup>167</sup> UNIVERSITY OF SOUTH FLORIDA, *Masters Program: Bioethics & Medical Humanities*, <http://health.usf.edu/medicine/internalmedicine/ethics/bioethics/> (last visited November 16, 2016).

<sup>168</sup> UNIVERSITY OF SOUTH FLORIDA, *Graduate Certificate in Biomedical Ethics*, <http://health.usf.edu/medicine/internalmedicine/ethics/GradCert.html> (last visited November 16, 2016).

<sup>169</sup> UNIVERSITY OF SOUTH FLORIDA, *Elective Courses*, <http://health.usf.edu/medicine/internalmedicine/ethics/bioethics/elective-courses.htm> (last visited November 16, 2016); UNIVERSITY OF SOUTH FLORIDA, *Program Plan*, <http://health.usf.edu/medicine/internalmedicine/ethics/bioethics/program-plan.htm> (last visited November 16, 2016).

<sup>170</sup> UNIVERSITY OF TEXAS MEDICAL BRANCH: THE INSTITUTE FOR THE MEDICAL HUMANITIES, *Objectives and Program of Graduate Work*, <http://imh.utmb.edu/education/graduate-program/program-description> (last visited November 16, 2016).

<sup>171</sup> UNIVERSITY OF TEXAS MEDICAL BRANCH: THE INSTITUTE FOR THE MEDICAL HUMANITIES, *MEHU Course Listings Fall Term 2015*, <http://imh.utmb.edu/docs/default-source/graduate-program/fall-2015-course->

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
University of Washington	MA in Bioethics <sup>172</sup>		Visual Ethnography and the Digital Humanities	Social Medicine	Ritual Bodies, Social Rites: Material Engagements with Health & Healing	Humanism and the Medical Humanities	
					Introduction to Literature and Medicine	Psychoanalysis, Consciousness, and Neuroethics	
						The Meaning and Making of 'Human': An Interdisciplinary Introduction to Social Theory	
			Justice in Healthcare	Metaethical Theory	Advanced Qualitative Methods	Medical Biometry	Research Ethics
			Justice and Health	Ethics Matters	Qualitative Methods in Health Services Research	Applied Biostatistics	Applied Research Ethics
Wake Forest University	MA in Bioethics <sup>174</sup>	MA in Bioethics/ MD (with Wake Forest University School of Medicine) <sup>175</sup>	Social Justice & Health	Justice Matters	Introduction to Qualitative Methods	Epidemiologic Methods	Master's Project
			Introduction to Clinical Ethics	Interpretive Methods in Nursing Research	US Health & HC: Health Policy Research	Advanced HS Research Methods	Practicum
			Health Policy Development	Health Law	Clinical Ethics	Medical Ethics and Jurisprudence	Other approved electives <sup>173</sup>
			Bioethics Theory	Biomedical Research Ethics	Bioethics Seminar	Concepts of Health and Disease	Historical Foundations of Bioethics
			Graduate Certificate in Bioethics	Public Policy, Medicine & Justice	Narrative Ethics	Communication Ethics and Bioethics: An Interface	Ethics of Health Communication
Graduate Certificate in Biomedical Research Ethics	MA in Bioethics/ MDiv (with Wake Forest University)		Research Methods	Global Bioethics	Health Related Research: Law, Regulation and Policy	Ethics, Economics, and Health Policy	Health Care Law and Policy
			Current Topics in Clinical and Biomedical Research Ethics	Law, Medicine, and Ethics	Bioethics and Religion	Research/ Independent Study	Performable Case Studies in Bioethics

offerings.pdf?Status=Temp&sfvrsn=2 (last visited November 16, 2016); UNIVERSITY OF TEXAS MEDICAL BRANCH: THE INSTITUTE FOR THE MEDICAL HUMANITIES, *MEHU Course Listings Spring Term 2016*, <http://imh.utmb.edu/docs/default-source/graduate-program/spring-2016-course-offerings.pdf?Status=Temp&sfvrsn=2> (last visited November 16, 2016); UNIVERSITY OF TEXAS MEDICAL BRANCH: THE INSTITUTE FOR THE MEDICAL HUMANITIES, *MEHU Course Listings Summer Term 2015*, <http://imh.utmb.edu/docs/default-source/graduate-program/summer-2015-course-offerings.pdf?Status=Temp&sfvrsn=2> (last visited November 16, 2016).

<sup>172</sup> UNIVERSITY OF WASHINGTON: SCHOOL OF MEDICINE, *Program Overview*, <https://depts.washington.edu/bhdept/> (last visited November 16, 2016).

<sup>173</sup> UNIVERSITY OF WASHINGTON: SCHOOL OF MEDICINE, *Curriculum for a 2-year MA in Bioethics*, [http://depts.washington.edu/bhdept/acapro/proposed%20curriculum%2008\\_15.pdf](http://depts.washington.edu/bhdept/acapro/proposed%20curriculum%2008_15.pdf) (last visited November 16, 2016).

<sup>174</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Masters of Arts in Bioethics*, <http://bioethics.wfu.edu/academic/graduate-programs/masters-of-arts-in-bioethics/> (last visited November 16, 2016).

<sup>175</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Doctor of Medicine/ Master of Arts in Bioethics Dual Degree Program*, <http://bioethics.wfu.edu/wp-content/uploads/2009/10/Joint-MA-Bioethics-MD-Program-Description-Fall-2011.pdf> (last visited November 16, 2016).

Institution	Degrees or Certificate Programs Offered	Dual/Degree Programs	Courses Offered				
		School of Divinity) <sup>176</sup>	Bioethics as a Profession	Bioethics at Work: The IRB	Bioethics at Work: The Clinical Context	Bioethics & Genetics	Thesis Research <sup>179</sup>
		MA in Bioethics/ JD (with Wake Forest University School of Law) <sup>177</sup>	Neuroethics Bioethics and Laws	Biotechnology Law and Policy	Biotechnology and Ethics		
		MA in Bioethics/ BS or BA (with Wake Forest University) <sup>178</sup>					
<b>Washington State University</b>	Bioethics Graduate Certificate <sup>180</sup>		Seminar in Ethical Theory	Bioethics	Advanced Biomedical Ethics	Directed Study <sup>181</sup>	

<sup>176</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Master of Divinity/Master of Arts in Bioethics Dual Degree Program*, <http://bioethics.wfu.edu/wp-content/uploads/2009/10/Joint-MDiv-MA.pdf> (last visited November 16, 2016).

<sup>177</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Juris Doctor/Master of Arts in Bioethics Dual Degree Program*, <http://bioethics.wfu.edu/wp-content/uploads/2009/10/Joint-MA-Bioethics-JD-Program-Description-Spring-20102.pdf> (last visited November 16, 2016).

<sup>178</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Bachelor of Science/ Bachelor of Art & Master of Arts in Bioethics Dual Degree Program*, <http://bioethics.wfu.edu/wp-content/uploads/2009/10/Single-Website-Dual-Degree.pdf> (last visited November 16, 2016).

<sup>179</sup> WAKE FOREST UNIVERSITY: CENTER FOR BIOETHICS, HEALTH & SOCIETY, *Course Offerings*, <http://bioethics.wfu.edu/academic/graduate-programs/course-offerings/> (last visited November 16, 2016).

<sup>180</sup> WASHINGTON STATE UNIVERSITY: GLOBAL CAMPUS, *Bioethics Graduate Certificate*, <https://online.wsu.edu/cert/bioethics.aspx> (last visited November 16, 2016).

<sup>181</sup> *Id.*