

Integrative Arts, Humanities, and STEMM Programs in Research Universities, Community Colleges, and Liberal Arts Colleges

Institution Name	Center	Affiliate Dept/College	Program Name	STEMM Discipline Involved in Course/Program	AH Discipline Involved in Course/Program	Where integration is happening? Level of integration?	Type of Program	Pedagogical Approach	Link
Alabama in Huntsville, University of	Alabama Digital Humanities Center	College of Arts and Sciences	Tuscaloosa Environmental Digital Projects	Environment	History, Economy	In-Course	Advanced undergraduate history course		https://environmentalhistory.as.ua.edu/
Arizona State University		Herberger College of the Art	Arts, Media, and Engineering	Engineering	Arts, Media	Within Curriculum	Undergraduate, Graduate Program		https://artsmediaengineering.asu.edu/
Ashland University		Philosophy Department, College of Arts and Sciences	Science as a Cultural Force	Science	Humanities	In-Course	Undergraduate Course, has been taught for 50 years	Co-taught	https://www.ashland.edu/cas/philosophy-department/programs/catalog
Baylor University			Medical Humanities	Medicine	Humanities	Within Curriculum, In course	Undergraduate BA degree program/Minor		http://www.baylor.edu/medical_humanities/
Boston University		General Education	Two-Semester Sophomore Gen Ed Science Sequence	Natural Science	Humanities, Social Science	Within Curriculum	General education		https://www.bu.edu/gened/resources/current-bu-general-education-requirements/
Brown University	Science Center Outreach		Science Cartoons (Sci-Toons) program	Science	Art	Co-curricular			https://www.brown.edu/academics/science-center/outreach/science-cartoons-program
Brown, MIT, RISD, Yale, The New School, BU, Rutgers, Harvard			STEAM With Us	STEM	Art	Co-curricular			http://steamwith.us/
Bucknell College			Exploring Engineering	Engineering		In-course	First year seminar		https://www.bucknell.edu/academics/engineering-at-bucknell-university-a-seminar-approach-to-the-first-year-engineering-experience
California Polytechnic State University		College of Liberal Arts	Liberal Arts and Engineering Studies Program (LAES)	Engineering	Arts and Humanities	Within Curriculum	Undergraduate Major/Minor		https://laes.calpoly.edu/content/about
Carnegie Mellon University		School of Computer Science, College of Fine Arts	The Entertainment Technology Center (ETC)	Technology	Art	Within-curriculum, In-Course	Interdisciplinary, Project Based Masters Degree		http://www.etc.cmu.edu/learn/curriculum/
California Davis, University Of		Classics Department, College of Biological Sciences	Greek & Latin Elements in English Vocabulary- For Freshman	Biology	Classics (Greek)	In-Course		Single faculty	https://www.ucdavis.edu/majors/blog/tips-trends/classes-humanities-life-sciences-majors

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Colorado School of Mines			Humanitarian Engineering	Engineering	Anthropology, Social Justice	Within Curriculum	Undergraduate Interdisciplinary minor		https://humanitarian.mines.edu/
Colorado School of Mines			The Connections	Engineering	Humanities, Social Sciences	Within Curriculum	First Year Curriculum		
Columbia University		Columbia University Medical School	Narrative Medicine	Medicine	Humanities	Within Curriculum, In course	Master of Science in Narrative Medicine		http://www.narrativemedicine.org/education/master-of-science-in-narrative-medicine/
Delaware, The University of		Honors College	Technology in America	Engineering	Economics, Political Science	In-Course	Engineering course for Honors students		https://www.asee.org/engineering-enhanced-liberal-education-project/case-studies
Delaware, The University of		Department of Philosophy	Medical Humanities	Medicine	Humanities	Co-curricular	Undergraduate minor		https://www.philosophy.udel.edu/for-students/current-students/minor-in-medical-humanities
DePauw University		Chemistry and Sculpture departments	Introduction to Research (part of DePauw's Science Research Fellows program)	Biochemistry	Art	In-Course	Undergraduate course (part of DePauw's Science Research Fellows program)		http://www.depauw.edu/academics/honors-fellows-programs/science-research-fellows/about-the-program/
Emmanuel College		Department of Psychology	Physiological Bases of Behavior	Neuroscience	Social Media Tools (Digital Video)	In-Course	Undergraduate Psychology Concentration		http://www.philosophy.udel.edu/for-students/current-students/minor-in-medical-humanities
Emory University	Emory Center for Ethics	The Renaissance Academy at the Center for Ethics (TRACE)	Symposium on Health and Humanities	Medicine	Arts, Humanities	In-Course	Summer abroad program	Co-taught	https://www.conversationsinternally.com/symposia/#symposia-1
Emory University		Department of French and Italian, School of Medicine	Medicine and Compassion	Medicine	Italian, Art, Humanities	In-Course	Summer abroad program	Co-taught	http://italian.emory.edu/home/community/medicine.html
Emory University			IDS 205: Science and the Nature of Evidence	STEMM	Arts, Humanities	In-course	Undergraduate course	Co-taught	http://evidence.emory.edu/in-the-news/evidence-focused-courses.html
Emory University			IDS 220: What Does It Mean to Be Human?	STEMM	Arts, Humanities	In-course	Undergraduate course	Co-taught	

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Emory University			Special Topics Course:Natural History and the Other, Environmental Justice and Sustainable Dilemmas, Eating Ethics	STEMM	Arts, Humanities	In-course	Undergraduate course		
Emory University			Sidecar Cources (Bodies in Space, Your Brain on Rhetoric)	STEMM	Arts, Humanities	In-course	Undergraduate course	Co-taught	
Emory University			IDS Senior Projects : Issues of sustainability, Food Justice , Ethics related to neo-natal intensive care.	STEMM	Arts, Humanities	In-course	Undergraduate course		
Emory University			The IDEAS (Interdisciplinary Exploration and Scholarship) Fellowship Program	STEMM	Arts, Humanities	Co-curricular	Undergraduate interdisciplinary research program		
Emory University			Arts Research Symposium	STEMM	Arts, Humanities	Co-curricular	Undergraduate symposium		
Emory University			Science and Society	Science, Technology	History, Social Studies	In-Course, Within Curriculum	Undergraduate minor		
Emory University			Emory-Tibet Science Initiative	STEM	Global Studies	Co-Curricular			
Emory University			The Atlanta Science Festival	STEM		Co-Curricular			
Emory University	The Emory Center for Mind, Brain and Culture			Neuroscience	Social Science	Co-Curricular			
Emory University	The Center for Ethics		Master of Arts in Bioethics	Biology	Humanities	In-Course, Within Curriculum	Masters Degree Program		
Emory University	The Center for Creativity and the Arts		Dance Events	Science (Biology)	Arts (Dance)	Co-Curricular			

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Emory University		Department of Engineering	AB in Engineering Studies	STEM	Humanities	In-Course, Within Curriculum	Bachelors Degree Program		
Emory University			The art & science of flow visualization	Science, Engineering	Art	In-Course			
Emory University			First Year Seminar: The Grand Challenge of Global Hunger	Health Sciences	Humanities	In-Course			
Emory University			Engineering America: a sociocultural history of technology in America	Engineering	History	In-Course			
Emory University		Lang College	Biology, Art and Social Justice	Biology	Art, Humanities	In-Course	First Year Seminar Program	Single Faculty	
Emory University		Department of Engineering	Where Art Meets Physics	Physics	Art, Humanities	In-Course			
Emory University			ENG 198, Renaissance Engineer	Science	Art, Design, History	In-Course			
Emory University			ENG 298, Heroic Systems	Science, Math	English, History	In-Course			
Emory University			ENG 298, Leadership Presence	Engineering	Dance, Theater	In-Course			
Emory University			ENG 398, Engineering for Social Justice	Engineering	Social Justice	In-Course			
Evergreen State College			See link to university catalog	STEMM	Art	Within Curriculum, In-course	Undergraduate, Graduate Degree Programs		http://evergreen.edu/catalog

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Florida Institute of Technology			School of Human Centered Design, Innovation, and Art	Science, Technology	Art, Social Science	Within Curriculum, In-course	MS/PhD Program		http://research3.fit.edu/hcdi/
Florida, University of		College of the Arts, School of Art + Art History	Art Technology	Technology	Art	Within Curriculum, In-course	Undergraduate, Graduate Degree Program, Minor		https://arts.ufl.edu/academics/art-and-art-history/
Florida, University of		1) College of Liberal Arts & Sciences; 2) College of the Arts; 3) Libraries (college-level entity); 4) College of Engineering and Education (with faculty member in the Digital	Digital Humanities	Technology	Arts, Humanities	Within-curriculum, In-Course	Graduate Certificate	Co-taught, and separate courses with coordination	http://digitalhumanities.grop.ufl.edu/dh-graduate-certificate/
Florida, University of		Department of Wildlife Ecology and Conservation	The Program for Studies in Tropical Conservation	Natural Science Courses	Social Sciences and Methods Courses	Within-curriculum, In-Course	Non-degree Granting Graduate Program		http://www.wec.ufl.edu/entities/pstc/
Florida, University of		College of the Arts	Creative Science Communication	STEMM	Journalism, Arts	In-Course	Special Course	Co-taught	http://ufcreativesci.com/student-work
Florida, University of	Center for Arts in Medicine	College of the Arts	Arts and Compassion	Medicine	Arts, Humanities	In-Course	Elective, online course, part of the Arts in Medicine Curriculum		http://arts.ufl.edu/academics/center-for-arts-in-medicine/programs/arts-in-medicine/
Fort Hays State University			Integrated General Education Courses	STEMM	Liberal Arts	Within-curriculum, In-Course	Upper-division course in General Education Program		https://www.fhsu.edu/liberal-education/general-education/
Georgia Tech			The Vertically Integrated Projects (VIP) Program	All Disciplines	All Disciplines				http://www.vip.gatech.edu/
Georgia Tech			Projects and Practices in Integrated Art and Engin	Engineering	Visual Art	In-Course			http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.904.2376&rep=rep1&type=pdf
Georgia Tech	Institute for People and Technology			Science, Technology, Health	Business, policy, design	Co-curricular			http://ipat.gatech.edu/about
Georgia Tech			Health Medicine and Society	Medicine	Economics, Literature, Sociology, History	In-Course	Undergraduate Minor		http://catalog.gatech.edu/programs/minor-health-medicine-society/

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Georgia Tech		Design and Social Interactions Studio	Critical Theory, Social Justice, and Philosophy of Design; Sweet Auburn: Birthplace of Ideas	Science, Technology	Social Justice	In-Course	Advanced Seminar Course		http://designstudio.gatech.edu/socialjustice.html
Georgia Tech		College of Computing	Threads	Computer Science	Social Psychology	Within Curriculum, In-Course	BA, Minors, MA, PhD Degree Program		http://www.cc.gatech.edu/academics/degree-programs/bachelors/computer-science/threads
Georgia, University of			Synthesis and Design Studio	Engineering	Art	In-Course, Within Curriculum			http://www.gatech.edu/et/publication/224207176_Integrative_learning_in_a_Synthesis_and_Design_Studio_A_phenomenological_inquiry
Harvard University		Provost Office	Harvard Mind, Brain, Behavior undergraduate/graduate interdisciplinary initiative	science, medicine, engineering, psychology	Philosophy	Within Curriculum, In course	Certificate in Mind, Brain, Behavior for Undergraduates, Secondary field for Graduates		https://mbb.harvard.edu/
Hope College			Science and Technology of Everyday Life	Engineering		In-Course	Undergraduate course for non-engineering students		https://peer.asee.org/assessing-technological-literacy-in-the-united-states
Howard University		The College of Engineering, Architecture and Computer Sciences (CEACS)	Mechanical Engineering Capstone Design Project Course	Mechanical Engineering	Design	In-Course	Capstone Project with industry partner		https://ieeexplore.ieee.org/abstract/document/839218/
Illinois Urbana Champaign, University of	Grand Challenge Learning Initiative	Office of the Provost	GEOG/ESE 210: Social and Environmental Issues	Environmental Sciences	Sociology	In-course	General Education Course	N/A	https://education.illinois.edu/initiatives/grand-challenge-learning-pilot/index.html
Illinois, University of		College of Education	The Digital Environments for Learning, Teaching, & Agency (DELTA) program	STEM	History	In-Course			https://education.illinois.edu/ci/programs-degrees/delta
Illinois, University of			Ifoundry	Engineering		Within Curriculum			http://ae3.engineering.illinois.edu/student-programs/ifoundry/
Illinois, University of			Instruction in Hand Drawing	All Disciplines	Art	Co-curricular			http://catalog.illinois.edu/courses-of-instruction/arts/
Indiana University		School of Arts and Letters	Health Humanities	Natural Sciences, Psychology, Bioethics	Humanities, Sociology	Within-curriculum	Graduate Degree	N/A	https://www.ius.edu/mis/concentrations/health-humanities.php

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Indiana University Bloomington			General Education Curriculum	Math, Natural Sciences	English, Arts, Humanities, Social Sciences, Foreign Language, Global Studies	Within-curriculum	Gen Ed Requirements	N/A	http://bulletins.iu.edu/iub/general-education/2016-2017/requirements/index.shtml
Indianapolis, University of			Biology for Artists	Biology	Art	In-course	Introductory biology course for art students		http://www.nsta.org/publications/news/story.aspx?id=48768
Iowa State University			Visual Literacy Courses	Science, Technology	Art, History	Co-curricular			https://www.museums.iastate.edu/learn/visual-literacy-learning/
Iowa, University of	Oberman Center for Advanced Studies		Readings on the Anthropocene (Oberman Courses)	Earth, Environmental Sciences	History, English	Co-curricular	Graduate Course	Co-taught course	https://obermann.uiowa.edu/programs/obermann-courses/readings-anthropocene-spring-2015
Iowa, University of	Oberman Center for Advanced Studies		Digital Humanities Theory and Practice	Information Technology	Humanities		Course		https://pdh-certificate.grad.uiowa.edu/faq.aspx?seminar=2015-2016/programs/working-symposia/health-humanities-building-future-research-and-teaching
Iowa, University of	Oberman Center for Advanced Studies		Health Humanities	Health	Humanities	Co-curricular	Symposium		https://clas.uiowa.edu/global-health-studies/academic-programs/ba-global-health-studies#FoundationCourses
Iowa, University of		College of Liberal Arts and Sciences	Global Health Studies	Health, Environmental Sciences	Sociology, English, History, Economics	Within-curriculum, In-Course	Undergraduate Degree Program	Separate courses with coordination	http://news.uiowa.edu/news/when-engineering-can%E2%80%99t-fix-it-putting-cook-stoves-context-rural-india
Iowa, University of	Iowa Center for Research by Undergraduates		Promise and Pitfalls of Development Efforts in Rajasthan, India	Engineering, Environmental Science, Geography	Anthropology, Gender Studies, Urban Studies	Co-curricular	Undergraduate Seminar	Co-taught course	https://www.engineering.uiowa.edu/college/nexus-program
Iowa, University of		College of Engineering	NEXUS	Engineering	Art	In-Course	Collaboration space		https://www.engineering.uiowa.edu/college/nexus-program
Iowa, University of	Oberman Center for Advanced Studies	N/A	Health Humanities: Building the Future of Research and Teaching	Public Health	Humanities		Symposium		https://pdh-certificate.grad.uiowa.edu/faq.aspx?seminar=2015-2016/programs/working-symposia/health-humanities-building-future-research-and-teaching
James Madison University			Introduction to Engineering	Engineering	Arts, Humanities	In-Course	First year undergraduate course		https://www.engineering.uiowa.edu/college/nexus-program

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Maryland Baltimore County, University of	The philosophy department			Sciences	Philosophy	Within Curriculum, In course	Undergraduate Majors/Minors		http://philosophy.umbc.edu/students/major/
Maryland Baltimore County, University of			Human Context of Science and Technology.	Science, Technology	Humanities, Social Sciences	In-Course	Upper Division Certificate Program		https://userpages.umbc.edu/~tatarewi/HCST/
Maryland Baltimore County, University of			INDS 430 Seminar: The Kinetic Sculpture Project	environmental science	Art	Co-curricular			https://eng.umd.edu/ASME/BKSR/ASME_Baltimore_Kinetic_Sculpture_Race.pdf
Maryland, University of	Maryland Institute for Technology in the Humanities	University of Maryland College of Arts and Humanities and the University of Maryland Libraries		Science/Technology	Humanities	Co-curricular	Research Projects, Lectures, Fellowships		http://mith.umd.edu/about/
Maryland, University of	The University of Maryland Arts and Humanities Center for Synergy				AH	Co-curricular	Grants, Working Groups		http://arhenergy.umd.edu/workinggroups
Maryland, University of		The Center is jointly administered by the College of Arts and Humanities (ARHU) and the Maryland Institute for Technology in the Humanities.	Digital Studies in the Arts and Humanities (DSAH)	Science/Technology	AH	Within-curriculum	Graduate Certificate Program	N/A	http://dsah.umd.edu/
Maryland, University of		Engineering and the Department of Germanic Studies in the School of Languages, Literatures, and Cultures	Engineering and German Double Degree Program	Engineering	German	Within-curriculum	Undergraduate Double Degree Program	Separate courses with coordination	https://slc.umd.edu/german/undergraduate/doubledegree
Maryland, University of		Honors College	Design Cultures & Creativity	STEMM	AH	Co-curricular	Courses, Capstone Project	N/A	http://dcc.umd.edu/admissions/
Maryland, University of	The Maryland Language Science Center (LSC)		Language Science	STEMM	Linguistics	Within-curriculum	Undergraduate and Graduate Degrees	Separate courses with coordination	http://languagescience.umd.edu/education/graduate-opportunities/phd-programs
Maryland, University of			General Education Program	STEMM	AH		Course		http://www.gened.umd.edu/
Massachusetts Boston, University of		Honors College	Addiction Course	Biology	Art	In-Course	Undergraduate course		https://honors.umb.edu/

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Massachusetts Institute of Technology		Center for Art, Science & Technology (CAST)	OBJECTIVE NARRATIVES: PORTRAITS OF SCIENCE THROUGH MATERIAL CULTURE AND PHOTOGRAPHY	STEMM	Art	In-course		Co-taught	http://arts.mit.edu/classes/sponsored-classes/
Massachusetts Institute of Technology			Terrascope	Sustainability, Earth Sciences	Global Issues	Within Curriculum	Freshman Learning Community		https://terrascope.mit.edu/
Massachusetts Institute of Technology	MIT Institute for Data, Systems, and Society		PhD Program in Social & Engineering Systems	Engineering	Social Sciences	Within Curriculum	PhD Program		https://idss.mit.edu/academics/ses_doc/
Michigan State University		Lyman Briggs College		STEMM	History, Philosophy, and Social of Science	Within Curriculum	Undergraduate Program		http://lymanbriggs.msu.edu/
Michigan State University		James Madison College	Science, Technology, Environment and Public Policy	Science, Technology, Environment	Public Policy	In-Course	Undergraduate Minor		http://jmc.msu.edu/minor/sttepp/
Michigan, University of	Sweetland Center for Writing	College of Literature, Science, and the Arts	M-Write	All Disciplines	English	In-course	Course		https://lsa.umich.edu/sweetland/m-write.html
Michigan, University of		School of Engineering		Engineering	International Studies, Design, Sustainability, Entrepreneurship	Within-curriculum		One faculty member	https://www.engin.umich.edu/
Michigan, University of		Integrative Systems+Design (Part of the School of Engineering)	Design Science	Engineering	Art, Economics, Psychology, etc.	Within-curriculum, In-Course	Graduate Program	Separate courses with coordination	http://isd.engin.umich.edu/degree-programs/design-science/master-of-science-program
Michigan, University of		Rackham Graduate School	Rackham Interdisciplinary Workshops (RIW)	All Disciplines		Co-curricular	Graduate student and faculty workshops		http://www.rackham.umich.edu/academics/interdisciplinary-workshops
Michigan, University of		Rackham Graduate School	ArtEco Workshop	Environment	Art	Co-curricular	Workshops		https://sites.google.com/site/artecoworkshop/
Michigan, University of		University of Michigan Office of Research	M Cubed	STEM	Art, Humanities	In-course			http://mcubed.umich.edu/

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Michigan, University of	A2RU		Science as Art Contest	STEM	Art, Humanities	Co-curricular			https://lsa.umich.edu/slc/enrichment-support/science-as-art.html
Michigan, University of		School of Engineering	Design and Healthcare	STEM	Art, Humanities	In-course	Graduate Masters Degree		https://a2ru.org/knowledgebase/creative-process-uarts-250550-2/
Michigan, University of	University of Michigan's ArtsEngine Program		UARTS 250/550: "Creative Process"	Engineering	Art	In-course			https://a2ru.org/knowledgebase/creative-process-uarts-250550-2/
Michigan, University of			Munger Graduate Residency	Available to All Disciplines		Co-curricular			http://ns.umich.edu/new/releases/23027-munger-graduate-residences-opens-at-university-of-michigan
Michigan, University of		College of Engineering	Multidisciplinary Design Program (MDP)	Engineering	Design, Art	Within-curriculum			https://mdp.engin.umich.edu/
Michigan, University of			GROCS: "Grants Opportunities [Collaborative Spaces]"	All Disciplines	Art	Co-curricular	Grant for student media projects		https://deepblue.lib.umich.edu/handle/2027.42/57190
Michigan, University of			Living Arts: A U-M First-Year Residential Living-Learning Community	Engineering	Arts, Architecture	Within-curriculum	Residential Learning Community		http://www.livingarts.umich.edu/
Michigan, University of	Center for Socially Engaged Design		Program in Socially Engaged Design	Engineering	Social Sciences	Within-curriculum, In-Course	Undergraduate Degree Program		http://csed.engin.umich.edu/program-in-socially-engaged-design/
Michigan, University of			University of Michigan's ArtsEngine's MicroGrant Program (Co-Curricular)	All Disciplines	Art	Co-curricular	Grant for student projects		http://artsatmichigan.umich.edu/funding/students/
Michigan State University		Lyman Briggs College		STEM	History, Philosophy, Sociology	In-Course, Within Curriculum	Bachelors Degree Program		http://lbc.msu.edu/news_and_events/2017/LBC2Culture.s.cfm
Minerva Schools at Keck Graduate Institute				STEM	Arts, Humanities, Business	Within Curriculum	Undergraduate, Graduate Degree Programs		https://www.minerva.kgi.edu/academics/four-year-curriculum/

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Minnesota, University of		The Office of The Executive Vice President and Provost	Grand Challenges Curriculum	All STEMM	AH	Within-curriculum, In-Course	Integrated Undergraduate and Graduate Course	Co-taught course	http://gcc.umn.edu/
Minnesota, University of			Making Sense of Climate Change – Science, Art, and Agency	Environment	Art	In-Course	Integrated undergraduate course	Co-taught course	http://gcc.umn.edu/gcc-courses/gcc-30135013
Missouri-Kansas City School of Medicine, University of			Medical Humanities & Bioethics Courses - Medicine and Literature	Medicine, Bioethics	Humanities				
North Carolina State University			STEM Majors, Art Thinkers (STEM + Arts)	STEM	Dance		Faculty collaboration/ Research project		https://eric.ed.gov/?id=EJ1157181
North Carolina A&T State University		English Department	TEM-EC at NCA&TSU	STEM	English (Humanities)	In-Course			https://www.aif.ncsu.edu/tem-lab/
Nebraska-Lincoln, University of	N/A	College of Arts and Sciences	The Humanities in Medicine Program	Medicine	Humanities	Within-curriculum	Undergraduate Minor and Non-Degree Program	N/A	http://www.unl.edu/hmed/courses-humanities-medicine
Nebraska-Lincoln, University of	Center for Great Plains Studies		Great Plains Studies	Geosciences, Natural Resources Sciences, and Environmental Sciences	History, Anthorpology, Economics, etc.	Within-curriculum	Undergraduate Minor, Graduate Degree Program	N/A	http://www.unl.edu/plains/undergraduate-program
New School, The		Eugene Lang College of Liberal Arts	Liquid Cities: Reimagining Urban Waterfronts and Waterways	Environmental Studies	Global Studies, Urban Studies, Design	In-Course	first year required course		https://courses.newschool.edu/courses/ULEC2280
New School, The		Eugene Lang College of Liberal Arts	Biology, Art, & Social Justice	Biology	Art, Social Justice	In-Course	First year seminar course		https://courses.newschool.edu/courses/LNGC1496
New School, The		Eugene Lang College	Biodiversity Achieved	Biology	Case Studies in Social Justice	In-Course	Undergraduate Lab Course		http://65.36.190.63/courses/coursedesc.cfm?TERM=201710&ID=6234
Northern Illinois University		Division of Outreach, Engagement, and Regional Development	NIU STEM Read	STEMM	Literature	Co-curricular	Online program		http://www.stemread.com/about-stem/

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Northwestern University			The Garage	All Disciplines		Co-curricular			https://thegarage.northwestern.edu/about/the-garage/
Northwestern University		Segal Design Institute at the McCormick School of Engineering	Design Thinking and Communication	Engineering	Communications	In-Course	first-year required course	co-taught	http://design.northwestern.edu/programs/take-design-course/design-thinking-communication/
Ohio State University	The STEAM Factory			All STEMM	AH	Co-curricular	Research Projects, Seminars		http://steamfactory.osu.edu/programs/steam-powered-projects/song-stars
Ohio State University		English Department	Medical Humanities	Medicine	Humanities	Within-curriculum	Integrative Undergraduate Minor	Separate courses with coordination	http://english.osu.edu/files/medical-humanities-20160907b%20%281%29.pdf
Ohio State University		College of Arts and Sciences	HIV: FROM MICROBIOLOGY TO MACROHISTORY	Microbiology	History	In-course	Integrative Course, not a degree requirement	Co-taught course	http://artsandsciences.osu.edu/news/new-interdisciplinary-courses-offered-spring-2015
Ohio State University		College of Arts and Sciences	Climate Change: Mechanisms, Impacts and Mitigation	Science	History		Integrative Gen Ed Course		http://artsandsciences.osu.edu/news/new-course-offers-interdisciplinary-approach-climate-change
Ohio State University		Department of Philosophy	Engineering Ethics	Engineering	Ethics	In-course	N/A		http://philosophy.osu.edu/undergraduate-courses/bwckctlg.p_disp_course_detail?cat_term_in=201310&subj_code_in=AME&crse_number_in=5303
Oklahoma, University of			Designing for Open Innovation	Engineering, Environment	Social Sciences (Economics, Policy, Sociology)	In-Course	Upperlevel undergraduate elective course		http://www.olin.edu/faculty/profile/robert-martello/
Olin College of Engineering			The Stuff of History	Material Science	History	In-Course	Undergraduate Course		http://www.olin.edu/faculty/profile/robert-martello/
Olin College of Engineering			Six Microbes that Changed the World	Biology	History	In-Course	Undergraduate Course		http://www.olin.edu/faculty/profile/robert-martello/
Olin College of Engineering			Chemistry in Context	Chemistry		In-Course	Undergraduate Course		http://www.olin.edu/faculty/profile/robert-martello/

Integrative Arts, Humanities, and STEMM Programs in Research Universities, Community Colleges, and Liberal Arts Colleges

Institution Name	Center	Affiliate Dept/College	Program Name	STEMM Discipline Involved in Course/Program	AH Discipline Involved in Course/Program	Where integration is happening? Level of integration?	Type of Program	Pedagogical Approach	Link
Olin College of Engineering			Grand Challenges Scholars Program	Science, Engineering	History, Social Studies	Co-curricular	Scholars/Non-Degree Program		http://www.olin.edu/academics/other-opportunities/grand-challenge-scholars-program/
Olin College of Engineering			Paul Revere: tough as nails	Material Science	History	In-Course	Undergraduate course		http://gcsp.olin.edu/
Pennsylvania State University		School of Engineering	Computer and Cognitive Science	Math, Natural Science, Engineering	Social Sci, Humanities	Within-curriculum	Undergraduate Degree Program	N/A	http://www.cis.upenn.edu/current-students/undergraduate/asc/req12.php
Portland Community College			Foundations of Interpersonal Neurobiology	Neuroscience, Psychology	Social Science	In-Course, Within Curriculum	Certificat Program		http://climb.pcc.edu/ipnb
Purdue University		College of Engineering	EPICS	Engineering	human services, access and abilities, education and outreach, and the environment	Co-curricular	Undergraduate community service program		https://engineering.purdue.edu/EPICS/about
Lafayette College			The Integrated First Year Experience	Science, Engineering	Arts, Humanities	In-course	First year undergraduate course		https://peer.asee.org/assessing-the-impact-of-an-interdisciplinary-first-year-experience-program
Portland State University			University Studies (UNST)	STEMM	Liberal Arts	Within-curriculum	General Education Program	Co-taught	https://www.pdx.edu/unst/
Princeton University		Council on Science and Technology	Studio Lab	STEMM	AH	Co-curricular	Courses, Workshops, Research Activities	Co-taught	http://cst.princeton.edu/studiolab/studiolab-courses
Princeton University	Studio Lab		Independent Design in Engineering and the Arts	Engineering	Arts	In-course		Co-taught	https://cst.princeton.edu/courses/stcegrmus-309-independent-design-engineering-and-arts
Princeton University			Engineering in the Modern World	Engineering	Social Sciences, Humanities	In-Course	Undergraduate Course	Single faculty	http://www.princeton.edu/course-offerings/course_details.xml?courseid=008721&term=1172
Princeton University	Studio Lab		STC/EGR/MUS 209 TRANSFORMATIONS IN ENGINEERING AND THE ARTS	Engineering	Arts	In-Course			http://www.princeton.edu/main/news/archive/S46/61/76A20/index.xml?section=featured

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Queensborough Community College		City University of New York	General Education/Pathways Common Core	Math, Life and Physical Sciences	English, History, Social Studies	Within Curriculum, In course	General Education Requirement		http://www.qcc.cuny.edu/gened/index.html
Rensselaer Polytechnic Institute			Science and Technology Studies (STS)	Science, Technology	Humanities, Social Sciences	Within Curriculum	Undergraduate and graduate major		http://www.sts.rpi.edu/#media
Rhode Island School of Design			Maharam STEAM Fellows	STEM	Arts	Co-curricular			https://risdmaharamfellows.com/
Rhode Island School of Design			International Engineering Program	Engineering	Art	Co-curricular			https://www.risd.edu/
Rochester Institute of Technology			Motion Picture Science	Science	Arts	Within Curriculum	Undergraduate Degree Program		https://www.rit.edu/programs/motion-picture-science-bs
Rowan University			Engineering Clinic	Engineering		Within-curriculum	Multidisciplinary engineering program		https://pdfs.semanticscholar.org/0f52/8da997328c97c5af1ea41f57d85d36ddcd3a.pdf
Rutgers University		Mason Gross School of the Arts	Dance & Parkinson's Movement/Dance classes	Science	Art	Co-curricular	Community Outreach Projects	N/A	http://www.masongross.rutgers.edu/dance/parkinsons
Rutgers University		Mason Gross School of the Arts	Filmmaking and documentaries of science and engineering projects	Science, Engineering	Art	Co-curricular	Research Project		http://www.masongross.rutgers.edu/filmmaking-center
Salt Lake Community College			Service Learning Program	Available to All Disciplines		In-course			http://www.slcc.edu/service-learning/index.aspx
Salt Lake Community College			E-Portfolio	Available to All Disciplines		Co-Curricular	Mandatory General Education Assignment		http://www.slcc.edu/gened/eportfolio/
San Francisco, City College of		San Francisco State University	The Metro College Success Program	Math	Writing, Critical Thinking	Within Curriculum, In course	Transfer Program, Learning Community		https://metro.sfsu.edu/

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Santa Rosa Junior College			Developmental Math Course	Math	Poetry				https://mathematics.santarosa.edu/math-classes
Seattle Central College			I-BEST Program in Manufacturing	Math	Reading	In-course	Job Training Program	Co-taught	https://seattlecentral.edu/programs/basic-and-transitional-studies/i-best
Smith College			Engineering for Everyone	Engineering		In-Course	Undergraduate engineering course		https://www.smith.edu/engineering/courses.php
Southern Illinois University - Edwardsville		The Philosophy Department	Engineering, Ethics, and Professionalism	Engineering	Ethics	In-Course	Required, upper-division course	Single faculty	http://www.siu.edu/artsciences/philosophy/Courses%20and%20Schedules.shtml
Southern Utah University			Arts Fusion	Science	Art	Co-curricular			https://www.suu.edu/artsfusion/
St. John's College			Undergraduate Curriculum	Math, Life and Physical Sciences	Literature, Arts, Music, Foreign Language	Within-curriculum	Undergraduate Degree Program		https://www.sjc.edu/academic-programs/undergraduate
Stanford University	Stanford Center for Biomedical Ethics	Medicine and the Muse Program, Stanford Medical School	Biomedical Ethics and Medical Humanities (BEMH) Scholarly Concentration	Medicine	Arts, Humanities	Within Curriculum, In course	Undergraduate, Graduate Concentration		http://med.stanford.edu/medicineandthemuse/Education.html
Stanford University	Institute of Design			Engineering	Design	Co-curricular			https://dschool.stanford.edu/
Stony Brook University		College of Engineering and Applied Sciences		Engineering, Technology	Social Sciences	In-Course	Tech course, part of Gen Ed requirement		http://www.stonybrook.edu/ceas/learning-experiences/eng-engineering-students-in-a-design-based-service-learning-course-emphasizing-connections-between-
Sweet Briar College			Technology and Society	Engineering	Sociology	In-course	Undergraduate course		
Syracuse University			Neurodegenerative Diseases	Biology	Art	In-Course	Undergraduate, Graduate Biology Seminar		https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3852870/

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Texas - San Antonio, University of		UT Health Science Center San Antonio		Medicine	Art	In-Course	Undergraduate, Graduate, Professional Elective Course		http://www.texashumanities.org/art_rounds
Texas, Southwestern Medical School, University of			The Art of Examination	Medicine	Art	In-course	a preclinical elective course open to first and second-year medical students		https://www.utdallas.edu/archistory/medicine/#course
Texas A&M University			The Texas A&M University Visualization Laboratory	Engineering, Architecture,	Design, Art, and Art History	Within-curriculum			http://www.arch.tamu.edu/inside/services/visualization-laboratory/
Texas A&M University		Dwight Look College of Engineering	Foundation Coalition Initiative	Engineering	English	Within Curriculum	First Year Curriculum		http://fc.civil.tamu.edu/publications/brochures/2002-Feb-27_Assessment_Attitudes_and_Skills.doc
Texas A&M University			Creative Anatomy Collective	Psychology	Art, Dance	In-course	Undergraduate Course		http://wp.me/p7NI2f-m8
Texas Dallas, University of		School of Arts, Technology, and Emerging Communication	Creative Automata	STEM	Art	In-course	Undergraduate Course		https://www.utdallas.edu/at/ec/portfolio/creative-automata-lab-at-ut-dallas
Union College			Environmental Science, Policy, and Engineering	Environmental Science, Engineering	Policy	In-course	Undergraduate interdisciplinary major		https://www.union.edu/academic/majors-minors/environmental-science/
Utah, University of			The Lassonde Entrepreneur Institute	All Disciplines		Co-curricular			http://lassonde.utah.edu/directory
Vanderbilt University	Center for Medicine, Health, and Society	School of Medicine	Medicine, Health, and Society	Medicine	Social Science	Within Curriculum, In-course	Undergraduate pre-health Major, Minor; Graduate MA Program		https://www.vanderbilt.edu/mhs/undergraduate/major/2016/07/12/the-art-of-combatting-ageism-how-one-art-program-is-changing-perspectives/
Virginia Commonwealth University		School of Pharmacy	PALETTE (Promoting Art for Life Enrichment through Transgenerational Engagement)	Medicine	Art, Humanities	In-Course			http://arts.vcu.edu/interiordesign/cuba-project-design-thinking-workshop/
Virginia Commonwealth University			The Cuba Project: A Design Thinking Workshop	Engineering	Art, Business	In-Course	Undergraduate Course/Workshop		http://arts.vcu.edu/interiordesign/cuba-project-design-thinking-workshop/

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Virginia Commonwealth University			SustainLab: How to Make a Green Wall	Biology, Engineering	Art	Co-curricular			https://vip.vcu.edu/Teams/Sustain-Lab/
Virginia Commonwealth University		Office of the Dean	Art and Medicine	Medicine	Art	In-course			http://arts.vcu.edu/studentinfo/2016/04/08/more-fall-2016-courses/poster-for-art-medicine/
Virginia Commonwealth University		Department of Art Education and the School of Nursing	Art of Nursing	Medicine	Art	In-Course	Nursing course		http://arts.vcu.edu/the-art-nursing/
Virginia Commonwealth University		School of the Arts and School of Medicine	Arts + Health Fellows program	Medicine	Art	Co-Curricular	Fellowship Program		https://www.news.vcu.edu/health/Creativity_and_science_merge_at_the_VCU_Arts_and_Health_Fellows
Virginia Commonwealth University		School of the Arts and School of Medicine	Standardized Patient Program	Medicine	Art	Co-Curricular			https://medsim.som.vcu.edu/what-we-do/standardized-patient-program/
Virginia Tech		College of Engineering	Green Engineering	Engineering, Environment	Social Sciences (Economics, Sustainability)	In-Course, Within Curriculum	Undergraduate Major/Minor	Co-taught	https://eng.vt.edu/academic/minors/green-engineering.html
Virginia Tech			Science, Technology, and Society	Science, Technology	Economics, Public Policy, History	Within Curriculum	MS/PhD Program		https://www.vt.edu/schools/department-of-science-and-technology-in-society.html
Virginia Tech	Center for Renewable Energy and Aerodynamic Technology (CREATE)		CREATE!	Engineering, Technology		Co-Curricular			https://create.centers.vt.edu/transformative-graduate-education-experience/communicating-science.html
Virginia Tech			Communicating Science	Science	Communications	In-course	Graduate course	co-taught	https://ethomasewing.org/disc/introdisc/
Virginia Tech			Envisioning Ecology	Environmental science	Humanities	In-course	Graduate course		
Virginia Tech			Introduction to Data in a Social Context	STEMM (Data Analytics)	Humanities	In-Course	Undergraduate Course		http://ethomasewing.org/disc/introdisc/

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Virginia, University of		Laboratory School for Advanced Manufacturing	The American Innovations in an Age of Discovery initiative	Engineering	History	In-Course			http://3d.si.edu/invention.edu/departments/engineering-and-society/academics/science-technology-dpress.com/2014/04/10/public-reading-a-sense-of-place-perceptions-of-coastal-virginia/
Virginia, University of		School of Engineering and Applied Sciences	Science, Technology, and Society	Science, Technology	Economic, Social, Political Issues	Within Curriculum	Undergraduate courses, minors		http://3d.si.edu/invention.edu/departments/engineering-and-society/academics/science-technology-dpress.com/2014/04/10/public-reading-a-sense-of-place-perceptions-of-coastal-virginia/
Virginia, University of	Anheuser-Busch Coast Research Center		A Sense of Place at the ABCRC	Environmental science	Writing, Art	Co-Curricular	Undergraduate engineering course		http://3d.si.edu/invention.edu/departments/engineering-and-society/academics/science-technology-dpress.com/2014/04/10/public-reading-a-sense-of-place-perceptions-of-coastal-virginia/
Wagner College			I: Robot: Minds, Machines, and Human Beings	Nanotechnology, chemistry, medicine	Ethics	In-Course, Within Curriculum	Learning Community		
Wake Forest University			Digital Sound and Music	Science, Mathematics, Computer Science	Digital Sound Production	In-Course	Undergraduate Online Course		http://csweb.cs.wfu.edu/~burg/CCL/Templates/home.php
Washington University in St. Louis		Sam Fox School of Design & Visual Arts	Interaction Design: Understanding Health	Health	Design	In-course	Undergraduate seminar		http://samfoxschool.wustl.edu/node/11418
Washington University in St. Louis		Sam Fox School of Design & Visual Arts	The Alberti Program: Architecture for Young People	Environmental Science	Architecture, Design	In-course	Program for students aged 8-16		http://samfoxschool.wustl.edu/alberti_program
Washington University in St. Louis		College of Arts and Sciences	Designing Creativity	STEMM	Arts, Humanities	In-course	Undergraduate course	Co-taught	https://sites.wustl.edu/dc175/
Weber State University		Weber State Office of Academic Affairs	Integrated Studies (BIS)			Within-curriculum	Undergraduate Degree Program		http://www.weber.edu/bis/engineering/courses/engr125-making-a-difference-through-engineering-fieldwork#ZAk8JUgqQV9aXZ
Wellesley University		Engineering Department	ENGR125: Making a Difference through Engineering Fieldwork	Engineering	Culture Studies	In-course		Co-taught	https://www.artofmathematics.org/blogs/photchkiss/audience-learning-about-our-mla-students
Westfield State University			Math Exploration: Exploring the Infinitely Big and the Infinitely Small	Math	Arts, Humanities	In-Course	Math class for liberal arts major		https://www.artofmathematics.org/blogs/photchkiss/audience-learning-about-our-mla-students

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Williams College			General Education Curriculum	Math, Natural Sciences	Language, Art, Social Studies	Within-curriculum	Gen Ed Requirement		http://web.williams.edu/admin/registrar/catalog/curriculum.html
Williams College			Forensic Science and Reproductive Technologies	Forensic Science	Ethics, Law	In-Course			https://chemistry.williams.edu/courses/
Worcester Polytechnic Institute			Great Problem Seminars	STEMM	Economic, Social, Political Issues	In-Course	Two-term course for first year students		https://www.wpi.edu/academics/undergraduate/great-problems-seminar
Worcester Polytechnic Institute			WPI Plan	Available to All Disciplines		Within Curriculum, In-course	BA Degree Program		https://www.wpi.edu/wpi-plan#
Youngstowne State University		CoLab		Science, Engineering	Arts	Co-curricular			https://www.ysustem.com/tag/colab/