The Lyman Briggs College is a residential college that bridges the science and humanities through interdisciplinary teaching and research. It provides students with a fundamental core science education in mathematics, chemistry, biology, and physics. Additionally, the core program addresses historical, philosophical, and societal concerns and consequences of modern science, technology, the environment, and medicine. Advanced undergraduate courses in the student's major are taken in the respective departmental units of the College of Natural Science, College of Engineering, College of Agriculture and Natural Resources, and the University at The majority of Lyman Briggs students pursue large. programs leading to advanced graduate study in the natural sciences, or professional programs related to medicine, dentistry, veterinary medicine, allied health, education or law. Many other students plan to enter careers in teaching at the secondary level, science writing, product representation, industry, or government service upon completion of their Bachelor of Science degree.

As a residential college, Lyman Briggs College has classrooms, laboratories, faculty offices, academic advisor offices, and administrative offices located in Holmes Hall, where all first year and many upper-level Lyman Briggs students live and learn. Because of this residential organization, students are able to develop a strong livinglearning community identity by integrating academic and personal development, with faculty, staff and their peers in residence. Students are encouraged to balance their academic lives with social, cultural, athletic, service-learning, and leadership opportunities on campus and in the greater East Lansing community.

Students admitted to Michigan State University are admissible to Lyman Briggs College based initially on application date. There are no additional academic or program requirements for freshman admissions. Enrollment in the college is limited; therefore students are encouraged to apply early. Applicants should indicate their intention to become a part of the Lyman Briggs College on the Michigan State University Application for Admissions. If a student has already submitted an application and would like to apply to Lyman Briggs College, she/he should contact the Office of Admissions directly as early as possible.

Students work closely with their academic advisors and faculty in developing an individualized academic plan. All students enter the program as 'no major' status and may declare a major as early as summer orientation or by the time they have earned 56 credit hours.

Lyman Briggs College offers two minors: Bioethics; and History, Philosophy and Sociology of Science. Lyman Briggs College also participates in two minors: Entrepreneurship and Innovation; and Science, Technology, Environment, and Public Policy.

Students who are enrolled in the environmental biology/microbiology and microbiology coordinate majors in Lyman Briggs College may elect the Minor in Food Processing and Technology. For additional information, refer to the Minor in Food Processing and Technology statement in the Department of Food Science and Human Nutrition statement in the College of Agriculture and Natural Resources section of this catalog.

Admission as a Freshman to Lyman Briggs College

Any student who meets the general requirements for admission to the university as shown in the Undergraduate Education section of this catalog may enroll in Lyman Briggs College, pending available space.

Transfer Students

All students in good academic standing in Lyman Briggs College may transfer at any time to other programs at Michigan State University for which they are eligible, in order to accommodate changing academic needs and interests.

Students who wish to transfer into Lyman Briggs College should contact the Student Success and Advising Office to discuss with a recruiter. Space in Lyman Briggs College is limited.

UNDERGRADUATE PROGRAM

The Lyman Briggs College program leads to the Bachelor of Science Degree.

Requirements for the Bachelor of Science Degree in Lyman Briggs College

The University requirements for bachelor's degrees as described in the Undergraduate Education section of this University catalog; 120 credits, including general elective credits, are required for the Bachelor of Science degree in Lyman Briggs College.

Students who are enrolled in Lyman Briggs College may complete the alternative track to Integrative Studies in Biological and Physical Sciences that is described in item 1. under the heading Graduation Requirements in the College statement. Certain courses referenced in requirement 3. below are equivalent to courses in the alternative track and, therefore, may be used to satisfy the alternative track.

The completion of the Lyman Briggs College mathematics and statistics requirement [referenced in item 3.c.(4) below] may also satisfy the University mathematics requirement.

The completion of Lyman Briggs 133 or one of the approved alternatives [referenced in requirement 3.a.(5)(a) below] may also be counted toward the University Tier I writing requirement.

The University's Tier II writing requirement for the Major and Coordinate Majors in Lyman Briggs College is met by completing Lyman Briggs College 492 and one of the following courses: Lyman Briggs College 321A, 321B, 322A, 322B, 323A, 323B, 324A, 324B, 325A, 325B, 326A, 326B, 327A, or 327B. Those courses are referenced in items 3. a. (5) and 3. a. (6) below.

The requirements of Lyman Briggs College for the Bachelor of Science degree, 2 referenced in item 3. a. below.

The credits earned in certain courses referenced in requirement 3. below may be counted toward College requirements as appropriate.

- The following requirements of Lyman Briggs College for the Bachelor of Science degree:
 - CORE PROGRAM a.

3.

- Biology: One of the following groups of courses (1) (8 to 10 credits):
 - (a)
 - Lyman Briggs 144, 145. Biological Science 181H, 191H, 182H, 192H. (b)
 - Biological Science 161, 171, 162, 172. (c)
 - (2)Chemistry: One of the following groups of courses (8 to 10 credits):
 - (a) Lyman Briggs 171, 171L, 172, 172L.
 - Lyman Briggs 171, 171L; Chemistry 143 Lyman Briggs 171, 171L; Chemistry 143 Lyman Briggs 171, 171L; Chemistry 251. Chemistry 141, 142, 161. Chemistry 141, 143, 161. (b)
 - (c) (d)
 - (e)
 - (f) Chemistry 141, 161, 251.
 - Chemistry 151, 152, 161. (g)
 - Chemistry 181H, 182H, 185H.
 - Mathematics and Statistics: One of the following (3)groups of courses (6 to 8 credits):
 - Lyman Briggs 118, 119. (a)
 - Lyman Briggs 118; Statistics and Probability 231. (b)

CREDITS

48 to 57

b.

	(c) Mathematics 132, 133.
	(d) Mathematics 132; Statistics and Probability 231.
	(e) Mathematics 152H, 153H.
(4)	Physics: One of the following groups of courses
	(8 to10 credits):
	(a) Lyman Briggs 273, 274.
	(b) Physics 231, 232, 251, 252.
	(c) Physics 183, 184, 191, 192.
	(d) Physics 183B, 184B, 191, 192.
(5)	(e) Physics 191, 192, 193H, 294H.
(5)	History, Philosophy and Sociology of Science: A total of 11 or
	12 credits from the courses in groups (a), (b), and (c) below. (a) One of the following courses: Lyman Briggs 133; Writing,
	Rhetoric and American Cultures 101.
	(b) One of the following courses: Lyman Briggs 321A, 322A, 323A, 324A, 325A, 326A, 327A.
	(c) One of the following courses: Lyman Briggs 321B, 322B, 323B, 324B, 325B, 326B, 327B.
	(6) Senior Seminar: Lyman Briggs 492 (4 credits).
MA.I	OR or COORDINATE MAJOR.
	student must complete the requirements of a Major or a Coordinate
	r. The Major or Coordinate Major must be chosen from the lists of
	ns below. Both the Major or Coordinate Major and the related
	ses must be approved by the student's academic advisor. With the
	oval of the appropriate Lyman Briggs College Curriculum
	dinator or Undergraduate Director, courses other than those that
	sted as requirements for a Major or Coordinate Major may be used
	tisfy degree requirements.
Majo	ors:
Biolo	gy
Com	puter Science
	n Science
	ronmental Science and Management
	ical Science
	ry, Philosophy and Sociology of Science
	rdinate Majors:
(1)	College of Agriculture and Natural Resources:
	Animal Science
	Entomology
	Fisheries and Wildlife
	Food Science
(2)	Forestry
(2)	College of Engineering: Computer Science
	Students are admitted to this Coordinate Major after they
	have reached junior standing and have met certain other
	requirements specified by Lyman Briggs College .
(3)	College of Natural Science:
(0)	Actuarial Science
	Astrophysics
	Biochemistry and Molecular Biology
	Biochemistry/Biotechnology
	Biological Science—Secondary Education
	Biomedical Laboratory Science
	Chemical Physics
	Chemistry
	Computational Chemistry
	Computational Mathematics
	Data Science
	Earth Science—Interdepartmental
	Environmental Biology/Microbiology
	Environmental Biology/Plant Biology
	Environmental Biology/Zoology
	Environmental Geosciences
	Genomics and Molecular Genetics
	Geological Sciences
	Human Biology Mathematics
	Mathematics Advanced
	Mathematics, Advanced Microbiology
	Neuroscience
	Nutritional Sciences
	Physical Science—Secondary Education
	Physics
	Physiology
	Plant Biology
	Statistics
	Zoology

Majors

rs		CPI	EDITS
в	iology	CRI	EDITS 41
a		imum of 41 credits from the courses listed below including:	
	(1)	Organic Chemistry (6 credits):	
		Both of the following courses:	
		CEM 251 Organic Chemistry I	3 3
	(2)	CEM 252 Organic Chemistry II Biochemistry (4 to 6 credits):	3
	(2)	One of the following, either (a) or (b):	
		(a) BMB 401 Comprehensive Biochemistry	4
		(b) BMB 461 Advanced Biochemistry I	3
		BMB 462 Advanced Biochemistry II	3
	(3)	Advanced Experiential Biology (6 credits):	
		The following course: LB 348 Research Experiences in Biology	3
		At least 3 credits from the following:	5
		LB 490B Advanced Directed Study – Biology	1 to 4
		LB 493 Field Experience	1 to 4
		LB 494 Undergraduate Research	1 to 4
	()	Other courses as approved by advisor.	
	(4)	Integrative Biology (16 credits):	
		All of the following courses: IBIO 341 Fundamental Genetics	4
		IBIO 355 Ecology	3
		IBIO 445 Evolution (W)	3
		MMG 301 Introductory Microbiology	3
	(=)	MMG 409 Eukaryotic Cell Biology	3
	(5)	Organismal Diversity (3 or 4 credits):	
		One of the following courses: ENT 404 Fundamentals of Entomology	3
		ENT 422 Aquatic Entomology	3
		ENT 470 General Nematology	3
		FW 471 Icthyology	4
		IBIO 306 Invertebrate Biology	4
		IBIO 328 Comparative Anatomy and Biology of	
		Vertebrates (W) IBIO 360 Biology of Birds	4
		IBIO 365 Biology of Mammals	4
		IBIO 384 Biology of Amphibians and Reptiles (W)	4
		PLB 402 Biology of Fungi	4
		PLB 418 Plant Systematics	3
		PLB 424 Algal Biology	4
	(6)	Other courses as approved by advisor.	
	(6)	<i>Ecology, Evolution, and Behavioral Biology</i> (3 or 4 credits): One of the following courses:	
		CSS 442 Agricultural Ecology	3
		FW 417 Wetland Ecology and Management	3
		FW 420 Stream Ecology	3
		FW 431 Ecophysiology and Toxicology of Fishes	3
		FW 439 Conservation Ethics FW 444 Conservation Biology	3 3
		FW 463 Wildlife Disease Ecology	3
		FW 472 Limnology	3
		GLG 434 Evolutionary Paleobiology	4
		IBIO 303 Oceanography	4
		IBIO 313 Animal Behavior	3
		IBIO 415 Ecological Aspects of Animal Behavior (W) IBIO 440 Field Ecology and Evolution	3 4
		MMG 425 Microbial Ecology	3
		PLB 441 Plant Ecology	3
		PLB 443 Restoration Ecology	3
	(7)	Cellular and Molecular Biology (3 or 4 credits):	
		One of the following courses:	
		FSC 440 Food Microbiology	3
		IBIO 320 Developmental Biology IBIO 408 Histology	4 4
		IBIO 425 Cells and Development (W)	4
		MMG 404 Human Genetics	3
		MMG 413 Virology	3
		MMG 421 Prokaryotic Cell Physiology	3
		MMG 425 Microbial Ecology	3 3 3 3 3 3 3 3 3 3 3 3
		MMG 431 Microbial Genetics MMG 433 Microbial Genomics	3 2
		MMG 445 Microbial Biotechnology (W)	3
		MMG 451 Immunology	3
		MMG 461 Molecular Pathogenesis	3
		MMG 463 Medical Microbiology	
		PSL 310 Physiology for Pre-Health Professionals	4
		PSL 431 Human Physiology I Other courses as approved by advisor.	4
		Caro, sourses as approved by auvisol.	

2.	Com	outer	Scienc	e			30
	a.					from the courses listed below including:	
		(1)				courses (28 credits): uction to Programming I	4
			CSE	232	Introdu	uction to Programming II	4
				260		te Structures in Computer Science	4
			CSE	320 325	Comp	uter Organization and Architecture uter System	3 3
			CSE	331	Algorit	thms and Data Structures	3
			CSE	335	Object	ted-oriented Software Design	4
			MTH	314		Algebra with Computational plications	3
		(2)	Com	outer S		Electives	3
		()		olete o	ne of th	ne following concentrations (9 credits):	
			(a)			hree of the following courses: Operating Systems	3
						Introduction to Parallel Computing	3
				CSE	422	Computer Networks	3
						Translation Programming Languages	3
		(b)	Intelli			Database Systems ns - Three of the following courses:	3
		(0)				etrics and Pattern Recognition	3
						uction to Machine Learning	3
				440		uction to Artificial Intelligence ata Analysis	3 3
		(c)				ne following courses:	5
		()	CSE		Media	Processing and Multimedia	
			COL	470		mputing uter Graphics	3 3
				472 476		Application Development	3
				477	Web A	Application Architecture and	
		(1)	•			velopment	3
		(d)	CSE			f the following courses: uction to Computer Security	3
				410		ting Systems	3
	(0)			422		uter Networks	3
	(3)	LB				ne of the following courses: Science and Technology	
		LD	JZZA			lumanities (W)	4
		LB	322B			Science and Technology	
		The c	omnle			nces (W) 2A or LB 322B satisfies the ethics require	4 ment
						be counted toward the Lyman Briggs Co	
_			rement	t.			-
3.	Earth a.	A min		of 27	redite	from the courses listed below including:	27
	а.	(1)				in courses at the 300–400 level.	
		(2)				earth science courses outside the	
		(4)				th and Environmental Sciences. e in each of the following 5 earth science	
		(-)			22 cre		
			(a)			Ind Astrophysics	
			(b)	AST		The Science of Astronomy he Solid Earth	3
			(0)			The Dynamic Earth	4
						Mineralogy and Geochemistry	4
						Structural Geology and Tectonics Petrology (W)	4 4
				GLG		Plate Tectonics (W)	4
					481	Reservoirs and Aquifers	3
			(a)	GLG		Field Geology – Summer Camp (W)	6
			(c)	GLG	biology 431	/ Sedimentology and Stratigraphy (W)	4
				GLG	433	Vertebrate Paleontology	4
				GLG PLB		Evolutionary Paleobiology	4 3
			(d)			Plants Through Time tal Geosciences and Meteorology	5
			(-)	GEO	203	Introduction to Meteorology	3
				GEO GEO		Geography of Plants of North America	3
				GEO		Agricultural Climatology Weather Analysis and Forecasting	3 4
				GLG	421	Environmental Geochemistry	4
			(e)		10rphol		2
				CSS GEO		Soil Resources Regional Geomorphology of	3
						the United States	3
				GEO		Soil Geomorphology Field Study	4
						206 and 206L, combined, may be or one of the courses listed above.	
				54001			

4.			ciences and Management	41
	a. A (1)		of 41 credits from the courses listed below including: of the following groups of courses (8 or 10 credits):	
	(1)	(a)	LB 118 Calculus I	5
		()	STT 231 Statistics for Scientists	3
		(b)	MTH 132 Calculus I	3
			MTH 133 Calculus II STT 231 Statistics for Scientists	4 3
	(2)) One	course from each of the following 7 areas	5
			o 26 credits):	
		(a)	Ecology:	2
			ZOL 355 Ecology ZOL 355L Ecology Laboratory	3 1
		(b)	Geology:	
			GLG 201 The Dynamic Earth	4
		(c)	Taxonomy or Phylogenetic Biology: ENT 404 Fundamentals of Entomology	4
			PLB 418 Plant Systematics	3
			ZOL 306 Invertebrate Biology	4
		(d)	Biochemistry: BMB 401 Basic Biochemistry	4
		(e)	Aquatic Systems:	-
			FW 420 Stream Ecology	3
		(f)	Microbiology: MMG 301 Introductory Microbiology	3
		(g)	MMG 301 Introductory Microbiology Economics:	3
			EC 201 Introduction to Microeconomics	3
	(3)		course from each of the following three groups	
		(9 to (a)	11 credits): FOR 464 Forest Resource Economics (W)	3
		(u)	SOC 452 Environment and Society	3
		(b)	FW 424 Population Analysis and Management	4
		(c)	FW 444 Conservation Biology FW 410 Upland Ecosystem Management	3 3
		(0)	FW 417 Wetland Ecology and Management	3
			Students who elect Sociology 452 must also compl	ete
E	Dhusiaa	I Science	Sociology 452L to meet requirement 4. a. (3) (a).	31
5.			of 31 credits from the courses listed below including:	31
	(1)		ollowing course:	
	(2)		220 Calculus III	4
	(2)		ast 27 credits in chemistry courses, in physics courses, o nistry and physics courses approved by the stude	
			emic advisor. At least 20 of the 27 credits must be in cours	
			300 level or above, and at least 14 of the 27 credits must	
			her chemistry courses or physics courses and must meet itions specified below:	tne
			or students who elect to complete at least 14 credits	in
			istry courses, at least 4 of the 14 credits must be laborat	ory
			ts at the 300–400 level. or students who elect to complete at least 14 credits	in
			ics courses, at least 6 of the 14 credits must be in mod	
_			cs, and at least 3 of the 14 credits must be laboratory cred	
6.			phy and Sociology of Science credits in 300–400 level courses chosen from the follow	24
			osophy, and Sociology of Science content approved by	
	student's	s HPS ac	cademic advisor. Courses used to fulfill the Lyman Brig	ggs
			n requirements and LB 492 may not be used to fulfill the	
			ninimum of four courses from Lyman Briggs must be select s outside of Lyman Briggs may be used with advisor approv	
	CSUS	310	History of Environmental Thought and Sustainability	3
	CSUS	463	Food Fight: Politics of Food	3
	CSUS ENG	464 473A	Environmental and Natural Resource Policy in Michigan Literature and Medicine	3 3
	FW	439	Conservation Ethics	3
	GEO	435	Geography of Health and Disease	3
	HST HST	420 425	History of Sexuality since the 18th Century American and European Health Care since 1800	3 4
	HRT	486	Biotechnology in Agriculture: Applications and	4
			Ethical Issues	3
	IBIO LB	446 304	Environmental Issues and Public Policy Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ)	3
	LD	304	and Sexuality Studies	3
	LB	321A	Science and the Public- Arts and Humanities (W)	4
	LB	321B	Science and the Public- Social Sciences (W)	4
	LB	322A	Advances in Science and Technology- Arts and Humanities (W)	4
	LB	322B	Advances in Science and Technology-	
	I D	2024	Social Sciences (W)	4
	LB LB	323A 323B	Science in a Global Context- Arts and Humanities (W) Science in a Global Context- Social Sciences (W)	4 4
	LB	324A	Science and Sex, Gender, Sexuality- Arts and	
			Humanities (W)	4

LB	324B	Science and Sex, Gender, Sexuality- Social Sciences (W)	4
LB	325A	Science and the Environment- Arts and Humanities (W)) 4
LB	325B	Science and the Environment- Social Sciences (W)	′4
LB	326A	Medicine and Health- Arts and Humanities (W)	4
LB	326B	Medicine and Health- Social Sciences (W)	4
LB	327A	Scientific Practice- Arts and Humanities (W)	4
LB	327B	Scientific Practice- Social Sciences (W)	4
LB	490E	Advanced Direct Study- History, Philosophy, Sociology	
		of Science (W) 1	to 4
MC	351	Science and Social Policy	4
PHL	380	Nature of Science	3
PHL	462	Philosophy of Mind	3
PHL	480	Philosophy of Science	4
SOC	368	Science, Technology, and Society	4
SOC	452	Advanced Seminar in Environmental Sociology	3
SOC	475	Health and Society	3

MINOR IN BIOETHICS

The Minor in Bioethics, which is administered by Lyman Briggs College, is available as an elective to students who are enrolled in bachelor's degree programs at Michigan State University. The minor is designed to prepare students to engage with the evolving set of ethical issues in biomedicine that they will encounter in their careers or their daily lives. The minor's interdisciplinary character fosters students' abilities to understand and question health care systems from a wide variety of intellectual viewpoints. Such interdisciplinary study also promotes communication across disciplinary boundaries.

Students wishing to pursue careers in health-related fields may find the minor particularly appealing. In addition, students pursuing academic programs outside health-related fields often find that the minor complements their major. With the approval of the department and college that administer the student's degree program, the courses that are used to satisfy the requirements for the minor may also be used to satisfy the requirements for the bachelor's degree.

CREDITS

Requirements for the Minor in Bioethics

				CREDITS
1.	Both	of the	following courses (3 credits):	
	LB	240	Bioethics: Theories and Methods	2 1
	LB	440	Bioethics Capstone	1
2.	Comp	olete 1	5 credits from at least four courses. No more than	В
	credit	s may	be from the same discipline. Students should work wit	h
	the ad	dvisor	for appropriate substitution requests.	
	ANP	270	Women and Health: Anthropological and International	
			Perspectives	3
	ANP	370	Culture, Health, and Illness	3
	ANP	423	Psychological Anthropology	3
	ANP	425	Issues in Medical Anthropology	3
	ANP	471	The Anthropology of Alternative Medicine	3
	ANS	427	Environmental Toxicology and Society	3
	CEP	470	Disability in a Diverse Society	3
		498	Economics of Health Care (W)	3 3 3 3 3 3 3 3 3 3 3 3
	ENG		Literature and Medicine	3
	EPI	390		
			and Public Health	4
		435	Geography of Health and Disease	3 3 3 3
		375	Community Nutrition	3
			Global Foods and Culture	3
			History of Sexuality since 18th Century	
		425	American and European Health Care since 1800	4
	KIN	445	Sport and Physical Activity in Society (W)	3
	LB	324A	Science and Sex, Gender, Sexuality – Arts and	
			Humanities (W)	4
	LB	324B	Science and Sex, Gender, Sexuality – Social	
			Sciences (W)	4
	LB		Medicine and Health – Arts and Humanities (W)	4
	LB		Medicine and Health – Social Sciences (W)	4
	LB	355	Philosophy of Technology (W)	4

MC	351	Science and Social Policy	4
PHL	344	Ethical Issues in Health Care	4
PHL	380	Nature of Science	3
PHL	444	Philosophical Issues in Biomedicine	4
PHL	480	Philosophy of Science	4
PHL	485	Philosophy of Social Science	3
PSY	280	Abnormal Psychology	3
PSY	320	Health Psychology	3
REL	385	Religion, Health, and Healthcare	3
SOC	368	Science, Technology and Society	4
SOC	451	Dynamics of Population	3
SOC	475	Health and Society	3
SW	472	Social Work in Health Care	3
WS	304	Lesbian, Gay, Bisexual, Transgender, Queer	
		(LBGTQ) and Sexuality Studies	3

MINOR IN HISTORY, PHILOSOPHY AND SOCIOLOGY OF SCIENCE

The Minor in History, Philosophy and Sociology of Science, which is administered by Lyman Briggs College, is designed to increase students understanding of the epistemological foundations and ethical elements of science while learning more of the history of some areas of science and appreciating the complex ways that science is connected to other social institutions and practices.

The minor is available as an elective to students who are enrolled in a bachelor's degree program in Lyman Briggs College at Michigan State University. Students majoring in History, Philosophy and Sociology of Science in Lyman Briggs College are not eligible for the minor. With the approval of the college, the courses that are used to satisfy the minor may also be used to satisfy the requirements for the bachelor's degree.

Students who plan to complete the requirements for the minor should consult an undergraduate advisor in Lyman Briggs College.

Requirements for the Minor in History, Philosophy and Sociology of Science

		CREDI	ΤS				
A minim	um of 20	credits in 300-400 level courses chosen from the following w	/ith				
		y, and Sociology of Science content approved by the student's H					
		A minimum of three courses from Lyman Briggs must be selected					
Addition	Additional courses outside of Lyman Briggs may be used with advisor approval.						
CSUS	310	History of Environmental Thought and Sustainability	3				
CSUS	463	Food Fight: Politics of Food	3				
CSUS	464	Environmental and Natural Resource Policy in Michigan	3				
ENG	473A	Literature and Medicine	3				
FW	439	Conservation Ethics	3				
GEO	435	Geography of Health and Disease	3				
HST	420	History of Sexuality since the 18th Century	3				
HST	425	American and European Health Care since 1800	4				
HRT	486	Biotechnology in Agriculture: Applications and Ethical Issues	3				
IBIO	446	Environmental Issues and Public Policy	3				
LB	304	Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ)					
		and Sexuality Studies	3				
LB	321A	Science and the Public- Arts and Humanities (W)	4				
LB	321B	Science and the Public- Social Sciences (W)	4				
LB	322A	Advances in Science and Technology- Arts and Humanities (W					
LB	322B	Advances in Science and Technology- Social Sciences (W)	4				
LB	323A	Science in a Global Context- Arts and Humanities (W)	4				
LB	323B	Science in a Global Context- Social Sciences (W)	4				
LB	324A	Science and Sex, Gender, Sexuality- Arts and Humanities (W)	4				
LB	324B	Science and Sex, Gender, Sexuality- Social Sciences (W)	4				
LB	325A	Science and the Environment- Arts and Humanities (W)	4				
LB	325B	Science and the Environment- Social Sciences (W)	4				
LB	326A	Medicine and Health- Arts and Humanities (W)	4				
LB	326B	Medicine and Health- Social Sciences (W)	4				
LB	327A	Scientific Practice- Arts and Humanities (W)	4				
LB	327B	Scientific Practice- Social Sciences (W)	4				
LB	490E	Advanced Direct Study- History, Philosophy, Sociology					
		of Science (W) 1 to	o 4				

4

MC	350	Evolution and Society	4
MC	351	Science and Social Policy	4
PHL	380	Nature of Science	3
PHL	462	Philosophy of Mind	3
PHL	480	Philosophy of Science	4
SOC	368	Science, Technology, and Society	4
SOC	452	Advanced Seminar in Environmental Sociology	3
SOC	475	Health and Society	3

LYMAN BRIGGS COLLEGE 3 + 4 OPTION

Lyman Briggs College, in collaboration with the MSU College of Osteopathic Medicine, offers an opportunity for selected Lyman Briggs College students to earn a baccalaureate degree after satisfactory completion of a minimum of 90 credits at Michigan State University and a minimum of 30 credits through subsequent enrollment at the Michigan State University College of Osteopathic Medicine. Only students who matriculate as first-year students at Lyman Briggs College may pursue this option. Students interested in this option must be admissible to MSU and accepted into the Osteopathic Medical Scholars Program (OMSP).

Admission to the MSU College of Osteopathic Medicine component of this program is limited to a small number of students who complete the specified university and college requirements and who fulfill admission requirements for the MSU College of Osteopathic Medicine Doctor of Osteopathic Medicine program.

All students in this program will complete a minimum of 90 credits at Michigan State University in the Lyman Briggs College Biology major. The requirements for the program are as follows:

- 1. Completion of all the Michigan State University graduation requirements, including integrative studies and general education.
- Completion of the Lyman Briggs College graduation requirements including mathematics, chemistry, biology, physics, and history, philosophy and sociology of science.
- 3. Be pursuing the curriculum for the Lyman Briggs College Biology major.
- 4. Completion of a minimum of 30 credits at the MSU College of Osteopathic Medicine in the preclerkship component of the Doctor of Osteopathic Medicine degree program.

Upon satisfactory completion of the specified 120 credits, students in this program will be eligible for the Bachelor of Science degree in Lyman Briggs College with a major in Biology.