

## UNDERGRADUATE MAJOR UNIT REQUIREMENTS

Major Department	Units required outside the dept./program	Units required within the dept./program	Total # of units	Notes/Special Requirements	WIM Course
<b>School of Earth Sciences</b>					
Earth Systems	76-107	26	102-133	internship, senior seminar	EARTHSYS 210
Energy Resources Engineering	83-90	36	119-126		ENERGY 180
Geological & Environmental Sciences	31-45	40-56	68-90	advanced summer field experience	GES 150
Engr. Geol. & Hydrogeology	44-47	45-55	71-102		
Geophysics	43-45	15	min. 58		GEOPHYS 185
<b>School of Engineering</b>					
Atmosphere/Energy	50	51-53	101-103		STS 110
Aeronautics and Astronautics	56-58	39	95-97		AA 190
Architectural Design	50-52	48-50	98-102		CEE 100
Biomechanical Engineering	42-63	49-64	103-116		BIOSCI 44X
Biomedical Computation	51-65	47-56	109-114		ENGR 199W, CS 191W, 272
Chemical Engineering	min. 70	50	min. 120		CHEMENG 185A
Civil Engineering	min. 57	min. 59	min. 116		CEE 100
Computer Systems Engineering	43-52	57-66	97-112	senior project	CS 191W,194,201,294W
Computer Science	33-57	47-66	97-112	senior project	CS 191W,194,201,294W
Electrical Engineering	45	68	113		ENGR 102E <i>and</i> EE 108A
Engineering Physics	50-59	46-58	96-117		EE 108A/ENGR 102E,M ME 203, MATSCI 161 PHYSICS 107
Environmental Engineering	min. 57	min. 59	min. 116		CEE 100
Individually Designed Major	41	40	90-107		see adviser
Management Science and Engineering	46-79	45-60	96-134	senior project	MS&E 152W,193W,197
Material Science and Engineering	53-59	50	103-109		MATSCI 161
Mechanical Engineering	61-65	45	106-110		ENGR 102M <i>and</i> ME 203
Product Design	58-59	48	106-107		ENGR 102M, ME 203
<b>School of Humanities and Sciences</b>					
African and African American Studies	50	10	60	CSRE senior sem.	AFRICAAM 105
American Studies	20-25	35-40	60		AMSTUD 160
Anthropological Sciences	—	45	65		ANTHSCI 190
Anthropology (formerly CASA)	25	40	65	foreign language 1st qtr. at 2nd-year level	CASA 90
Archaeology	45	20	65		ARCHLGY 103
Art					ARTHIST 1
Art History	—	56	56	library orientation, junior seminar	
Film and Media Studies	8	65	65	library orientation, senior seminar	FILMSTUD 102
Studio Art	—	64	64	library orientation, advanced seminar	
Asian American Studies	55	5	60	CSRE senior sem.	See CSRE
Asian Languages					
Chinese	0-16	27-43	min. 43		CHINGEN 133
Japanese	0-20	23-43	min. 43		JAPANGEN 138

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Biological Sciences	46-56	47-48	93-104		BIOSCI 44X,44Y, 145 BIOHOPK 44Y, 165H, 175H, 176H
Chemistry	34	52	86		CHEM 134
Chicana/o Studies	55	5	60	CSRE senior sem.	See CSRE
Classics	—	—	60-65		CLASSGEN 176
Communication	5	min. 60	65		COMM 104W
Comparative Literature	—	37	65		COMPLIT 101
Comparative Studies in Race & Ethnicity	55	5	60	CSRE senior sem.	CSRE 200X
Drama	—	65	65		DRAMA 161H,168H
East Asian Studies	75	1	75	seminar overseas studies; E. Asian country 1 quarter; senior essay	CHINGEN 133; JAPANGEN 138; HISTORY 256
Economics	—	80	80	—	ECON 101
English		60	60		ENGLISH 160
w/ Creative Writing		65	65	dept. approval	
w/ Interdisciplinary Emphasis	20	50	70	dept. approval and interdisciplinary paper	
w/ Interdepartmental Emphasis	20	45	65	20 units in foreign lang. lit.; dept. approval	
w/Philosophy	30	40	70		
Feminist Studies	45	17 core	62	focus statement; practicum	FEMST 253, 260B
French and Italian					
French	max. 24	32 above #100	56 above #100	—	FRENLIT 130,131,132,133
French and English Literatures	max. 24	32 above #100	56 above #100	4 Eng. Lit. courses	
French and Italian Literatures	max. 24	32 above #100	56 above #100	4 Ital. Lit. courses	
French and Philosophy	min. 21	32 above #100	65	Gateway course; Capstone	
Italian	max. 28	32 above #100	60 above #100	—	ITALLANG 127,128,129
Italian and English Literatures	max. 28	32 above #100	60 above #100	4 Eng. Lit. courses	
Italian and French Literatures	max. 28	32 above #100	60 above #100	4 Fr. Lit. courses	
Italian and Philosophy	min. 21	32 above #100	65	Gateway course; Capstone	
German Studies	0-25	35-60	60	3 above #130	GERLIT 123N,127,132
German and Philosophy	min. 21	min. 39	65	Gateway course; Capstone	
History	—	58-60	58-60	3 above #130	HISTORY 102,145B,150B, 163,204G,205B,206, 208A,217B,232F,239E, 239E,248,251,256,275F, 276,279,299A,B,C,S,W
Human Biology	min. 13	min. 39	min. 84	Internship	HUMBIO 4B
Interdisciplinary Studies in Humanities					
Option for Premeds	approx. 60	28 (honors)	approx. 88	honors required with major	HUMNTIES 200A,B,C
(incl. premed requirements)	approx. 110	28 (honors)	approx. 138	honors required with major	HUMNTIES 200A,B,C
International Relations	55-70	0-10	70	2 yr. foreign lang.; Overseas studies 1 qtr.	HISTORY 102 POLISCI 110C,D,247R INTNLREL 140A,C, 163
Jewish Studies (Individually Designed)	75-77	—	75-77		See CSRE
Linguistics	—	50	50	foreign lang. @ 6th-quarter level, junior research paper	LINGUIST 150
Mathematical & Computational Science			73-78		MATH 109,110,120 STATS 166
Mathematics	up to 15 units	49	64		MATH 109,110,120,171
Music	—	67	66-76	piano-proficiency & ear-training exam	2 from: MUSIC 140-145, 148,151

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Music, Science, and Technology	—	66	66-76	piano-proficiency & ear-training exam	MUSIC 151
Native American Studies	55	5	60	CSRE Senior Sem.	See CSRE
Philosophy	—	55	55	course in 194 series	PHIL 80
Philosophy and Literature	min. 15	min. 47	65	Gateway course; 194	
Philosophy and Religious Studies	—	60	60	3 seminars; 20 units in each dept. + 20 advanced units from both depts.	PHIL 80 or RELIGST 290
Physics	18-21	56-61	77-79		PHYSICS 107
Political Science	0-10	60-70	70		POLISCI 110C,D,120C, 124R, 236,247R
Psychology	10	60	70		PSYCH 55,70,75,110
Public Policy	59	28	87	min. 15 concentration units; Senior Seminar	PUBLPOL 106
Religious Studies	—	60	60	introductory course, majors' seminar, senior essay or honors thesis, senior colloquium	RELIGST 290
Science, Technology, & Society					STS 110
B.A.	37	32	69	min. 15 units in technical literacy min. 20 units in concentration	
B.S.	50	32	82	min. 50 units in technical depth	
Slavic Languages and Literatures					SLAVLIT 146
Russian Language and Literature	0-10	42-52	52	1st- and 2nd- year Russian	
Russian Language, Culture, & History	12-16	35-39	52	1st- and 2nd- year Russian	
Russian Literature and Philosophy	21	40	67	Gateway course; Capstone	
Sociology	—	60	65		SOC 200, 202
Spanish and Portuguese		26	56	Core courses	SPANLANG 102,102B, SPANLIT 120, 278, 278A
Symbolic Systems	66-81	4	70-85	—	PHIL 80
Urban Studies	36	37	73	25 units in concentration; capstone courses	URBANST 201,202