

**Student:** \_\_\_\_\_

**SID:** \_\_\_\_\_

**Computing Requirements**

**Computer Science Core**

CS 111	(3) Concepts of Computer Science <sup>1</sup>	_____	_____
CS 140	(4) Introduction to Computing I	_____	_____
CS 150	(3) Introduction to Computing II	_____	_____
CS 240	(3) Introduction to Computing III	_____	_____
CS 275	(3) Interaction Programming	_____	_____
CS 312	(3) Intro to Organization & Architecture	_____	_____
CS 314	(3) Operating Systems	_____	_____
CS 321	(3) Human-Computer Interaction Design	_____	_____
CS 325	(3) Software Engineering <sup>2</sup>	_____	_____
CS 330	(3) Programming Languages	_____	_____
CS 340	(3) Algorithms & Data Structures	_____	_____
CS 425	(3) Senior Project: Software Design	_____	_____
CS 499	(3) Senior Project: Software Implementation	_____	_____

**Computing Electives (3 required<sup>3</sup>)**

CS 382	(3) Game Design, Development, & Tech	_____	_____
CS 423	(3) Compiler Construction	_____	_____
CS 434	(3) Database Management Systems	_____	_____
CS 438	(3) Artificial Intelligence	_____	_____
CS 447	(3) Networks & Data Communications	_____	_____
CS 454	(3) Theory of Computation	_____	_____
CS 456	(3) Algorithms & Complexity	_____	_____
CS 482	(3) Computer Graphics	_____	_____
CS 490	(3) Topics in CS: _____	_____	_____
CS 490	(3) Topics in CS: _____	_____	_____
CS 495	(3) Independent Study	_____	_____
_____	(3) _____	_____	_____
_____	(3) _____	_____	_____

Note: At most two non-CS courses not listed above may count as Computing Electives (with departmental approval).

1: CS 111 is not required for students beginning before Fall 2003.

2: CS 325 counts as a Computing Elective for students beginning before Fall 2003; it is a CS Core requirement for students beginning in Fall 2003 or afterwards.

3: Two Computing Electives are required for students beginning before Fall 2004; three are required for students beginning in Fall 2004 or afterwards.

**Mathematics Requirements**

**Mathematics & Statistics**

MATH 125	(3) Pre-Calculus Mathematics with Trig	_____	_____	MATH 224	(3) Discrete Mathematics	_____	_____
MATH 150	(5) Calculus I OR	_____	_____	STAT 244	(4) Statistics for Applications	_____	_____
MATH 130	(4) Introduction to Calculus	_____	_____				

**General Education Requirements**

**English**

ENG 101	(3) English Composition I	_____	_____
ENG 102	(3) English Composition II	_____	_____

**Skills**

A two-semester foreign language sequence:

_____ 101	(4) Elementary _____ I	_____	_____
_____ 102	(4) Elementary _____ II	_____	_____

**Intergroup Relations**

_____	(3) _____	_____	_____
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**Interdisciplinary Studies**

_____	(3) _____	_____	_____
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**Introductory Courses**

One of the following four-course combinations:

*2 Social Sciences and 2 Fine Arts/Humanities*

*1 Natural Sci./Math, 1 Social Sciences, and 2 Fine Arts/Humanities*

*1 Natural Sci./Math, 2 Social Sciences, and 1 Fine Arts/Humanities*

_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH <input type="checkbox"/> NSM	_____	_____
_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH <input type="checkbox"/> NSM	_____	_____
_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH <input type="checkbox"/> NSM	_____	_____
_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH <input type="checkbox"/> NSM	_____	_____

**Distribution Courses**

*1 Social Sciences and 1 Fine Arts & Humanities*

_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH	_____	_____
_____	(3) <input type="checkbox"/> SS <input type="checkbox"/> FAH	_____	_____

**Minor in:** \_\_\_\_\_

_____	( ) _____	_____	_____	_____	( ) _____	_____	_____
_____	( ) _____	_____	_____	_____	( ) _____	_____	_____
_____	( ) _____	_____	_____	_____	( ) _____	_____	_____
_____	( ) _____	_____	_____	_____	( ) _____	_____	_____

## GER Courses

### Fine Arts and Humanities

**Intro:** ART 111, DANC 111, ENG 111, FL 111, MUS 111, PHIL 111, SPC 111, THEA 111

**Distrib:** ART 202c, 202h, 225, 424, 447, 448, 449, 453, 454, 455, 468, 469, 470, 473, 475, 476, 480, 481, 483; CHIN 201, 202; DANC 114, 214, 240, 260, 270, 460, 470, 499; ENG 201, 202, 203, 204, 205, 207, 208, 209, 211, 212, 290, 301, 303, 304, 306, 307, 308, 309, 310, 315, 340, 341, 342, 343, 344, 345, 370, 392, 393, 394, 400, 403, 404, 406, 408, 409, 413, 421, 422, 423, 424, 426, 427, 428, 431, 432, 434, 435, 437, 439, 440, 441, 443, 446, 454, 455, 456, 457, 458, 460, 461, 462, 471, 473, 478, 490, 495; FAC 350, 450, 495; FL 121, 230, 330, 345, 350, 390, 401, 486, 491; FR 201, 202, 220, 301, 302, 304, 305, 308, 311, 351, 352, 353, 402, 451, 452, 453, 454, 455, 456, 457, 461, 491, 499; GER 201, 202, 220, 301, 302, 303, 304, 311, 351, 352, 353, 401, 402, 411, 452, 453, 491, 499; GRK 201, 202, 499; HUM 310, 400, 450, 470; ITAL 201,

202, 311; LAT 201, 202, 499; MC 201, 202, 203, 204, 321, 322, 323, 324, 325, 326, 330, 331, 332, 333, 334, 335, 342, 351, 353, 401, 402, 403, 421, 423, 424, 431, 440, 441, 451, 452, 453, 454, 471; MUS 115, 124, 125, 225, 300, 305, 309, 312, 326, 330, 331, 338, 357, 395, 412, 442, 461; PHIL 213, 220, 233, 245, 300, 301, 302, 303, 305, 306, 308, 309, 310, 314, 320, 321, 322, 323, 325, 326, 328, 330, 331, 333, 334, 336, 340, 343, 345, 346, 347, 350, 390, 411, 415, 440, 441, 481, 496; PAPA 245; RUSS 201, 202, 220, 499; SPAN 201, 202, 220, 301, 302, 304, 305, 306, 307, 308, 311, 312, 351, 352, 353, 412, 451, 452, 453, 454, 457, 461, 471, 491, 492, 499; SPC 200, 201, 203, 210, 213, 261, 300, 305, 313, 315, 323, 329, 330, 331, 403, 410, 411, 413, 414, 419, 423, 430, 431, 433, 434, 464; THEA 112, 114, 141, 150, 160, 170, 201, 205, 210, 215, 220, 241, 250, 309, 312, 350, 360, 370, 394, 399, 410, 412, 420, 480, 482; WMST 200, 331, 341, 345, 346, 351, 390, 456, 473, 478

### Social Sciences

**Intro:** ANTH 111, CJ 201, ECON 111, GEOG 111, HIST 111, POLS 111, PSYC 111, SOC 111

**Distrib:** ANTH 301, 302, 305, 306, 307, 310, 311, 312, 313, 315, 325, 331, 332, 333, 334, 335, 340, 350, 373, 375, 400, 401, 402, 404, 408, 410, 411, 420, 432, 435, 452, 470, 473, 475; CJ 272, 422, 472; ECON 112, 221, 301, 302, 327, 331, 341, 345, 361, 435, 445, 461; ENSC 402; GEOG 201, 205, 230, 300, 301, 330, 331, 332, 333, 334, 400, 401, 402, 406; HIST 111, 112, 113, 114, 130, 200, 201, 219, 300, 302, 303, 304, 305, 306, 308, 313, 314, 315, 318, 320, 321, 322, 330, 334, 338, 340, 342, 344, 345, 352, 354, 356, 358, 360, 400, 403, 404, 408, 410, 412, 413, 415, 416, 418, 420, 422, 423, 424, 426, 427, 428, 430, 431, 434, 440, 442, 443, 447, 454, 460, 470; HUM 310, 400, 450, 460, 470; POLS 112, 300, 320, 340, 341, 342, 343, 344, 345, 346, 350, 351, 352, 354, 355, 356, 370, 371, 385, 386, 390, 424, 429, 445, 449, 459, 472, 473, 479, 484, 485, 489, 495, 496, 497, 499; PSYC 201, 203, 204, 206, 208, 305, 314, 320, 340, 365, 431, 442; PAPA 499; SOCW 200, 201, 370, 380, 386, 388, 390, 487, 488, 495; SOC 200, 272, 300, 301, 302, 303, 304, 308, 309, 335, 338, 373, 390, 391, 394, 420, 421, 422, 431, 441, 444, 447, 470, 472, 474, 481, 490; WMST 200, 305, 308, 313, 315, 391, 394, 402, 428, 440, 444

### Interdisciplinary Studies

IS 302, 322, 324, 326, 328, 331, 332, 334, 335, 336, 340, 341, 342, 343, 345, 350, 352, 353, 360, 361, 363, 364, 375, 376, 377, 380, 385, 386, 387, 388, 399, 400, 401

### Intergroup Relations

ANTH 305, 311, 312, 313; BIOL 450; ECON 327; ENG 205, 341, 342, 343, 344, 345, 446, 457, 478; EPFR 451; HIST 130, 219, 340, 423, 427, 440, 442; IS 345, 350, 352, 375; MGMT 341; MC 351; PHIL 344, 346, 347; POLS 354, 440, 441; PSYC 305, 407; SOCW 390; SOC 304, 308, 335, 394, 444; SPAN 292, 492; SPC 103, 210, 331; SPE 200; THEA 312; WMST 200, 305, 308, 313, 331, 341, 344, 346, 350, 351, 352, 354, 394, 440, 441, 444, 450, 451, 478

### International Issues and Culture

ANTH 111, 301, 302, 306, 307, 310, 315, 331, 332, 333, 334, 340, 350, 402, 404, 410, 411, 452; ART 225, 424, 447, 448, 449, 468, 469, 473; BIOL 204, 365, 371; CHIN 102; ECON 361, 450, 461; ENG 304, 340, 462; FIN 450; FL 111, 230, 330, 345, 350, 491; FR 102, 104, 311, 351, 352, 353, 451, 452, 453, 456, 457, 491; GEOG 111, 201, 205, 300, 301, 330, 331, 332, 333, 334, 401, 406; GER 102, 104, 311, 351, 352, 353, 411, 452, 453, 491; GRK 102; HIST 111, 112, 113, 114, 219, 302, 303, 304, 305, 306, 308, 314, 315, 318, 322, 352, 354, 356, 358, 360, 403, 404, 408c, 412, 413, 415, 420, 422, 424, 426, 427, 428, 454, 460; HUM 310; IS 324, 326, 336, 340, 352, 353, 363, 364, 375, 377, 400, 401; ITAL 102, 104, 311; LAT 102; MGMT 461; MKTG 476; MC 453; PHIL 233, 300, 301, 302, 303, 308, 334, 440, 441; POLS 111, 350, 351, 355, 356, 370, 459, 472, 473, 479, 484, 485; RUSS 102, 104; SOC 481; SPAN 102, 104, 292, 311, 312, 351, 352, 451, 452, 453, 457, 471, 491, 492; THEA 310b; WMST 314, 315, 352, 353, 402, 428, 456, 473

## Prerequisite Chart

