College of General Education Program
   Students must satisfy the College of Engineering General Education Program. This requirement has two components: Foundation Learning Outcomes and MSE Programmatic Requirement as detailed below.

Foundational Learning Outcomes (9 credit hours)
   Students must select from a list of courses maintained by the Office of the Provost as part of Purdue's Undergraduate Outcomes-based Core Curriculum to satisfy the all six Foundational Learning Outcomes. The learning outcomes of Written Communication, Information Literacy, and Oral Communication are satisfied by ENGL 106 (or equivalent) and COM 114 (or equivalent) taken during the first year .

   Taken during the First Year Program
   1) Written Communication and (satisfied by ENGL 10600 or equivalent)
   2) Information Literacy (also satisfied by ENGL 10600 or equivalent)
   3) Oral Communication (satisfied by COM 11400 or equivalent)

   One course should be taken from each of the following Foundational Learning Outcomes for a total of 9 credit hours.   A list of approved courses is maintained at:
      http://www.purdue.edu/provost/initiatives/curriculum/course.html

   4) Humanities (3 credit hours)
   5) Behavior/Social Science (3 credit hours)
   6) Science, Technology, & Society (3 credit hours)

Of these no more than 6 credit hours can come from the Colleges of Engineering, Science, and Technology**.**

MSE Programmatic Requirements (9 credit hours)
       A summary of the General Education Program for the School of Materials Engineering along with a list of approved courses is provided below. The faculty view courses in the arts, humanities and social science as an integral part of one's Engineering Education. The rationale for this view is described in the preamble to the General Education Program stating:
       "Humanities and social sciences courses encompass the breadth of human experience and culture, both past and present, including individual behavior, social and political structures, aesthetic values, modes and dynamics of communication, philosophical and ethical thought, and cognitive processes. Such courses are an integral part of all engineering curricula which complements technical and professional content by enabling engineering students to appreciate the world in which they live and work, and to contribute as both educated members of society and aware, ethical professionals. Humanities and social sciences courses also provide a framework for rational inquiry, critical evaluation, judgment and decisions when dealing with issues that are non-quantifiable, ambiguous, or controversial. Of equal importance, they offer opportunities for engineering students to develop interests and insights that guide, enrich and expand their personal lives." We encourage you to make the most of this program by taking courses that are both interesting and challenging.

Courses Eligible Under the MSE College of General Education Program

The list provided below is maintained by the Undergraduate Committee in MSE. Engineering policy further requires that:
1. Six or more credit hours must come from a 300 level course or one that requires a prerequisite in the same department
2. No more than 6 credit can come from the Colleges of Engineering, Science, and Technology.

MSE General Education Courses

SOCIAL SCIENCES	
AGEC	250, **296, 340, 406, 410, 415, 423, 450**
ANTH	100, 105, 201*, 203, 204, 205, 250, **303, 320, 335, 336, 341, 350, 368, 379,380*, 390, 392, 404, 414, 415, 420, 425, 435, 436, 460, 473, 478, 479**
ASL	101, **102, 201, 202,** 280
AUS	115, **309, 401, 419**
AUSL	227, **368, 381**
CDFS/HDFS	201, **210, 211,** 255, **301, 311, 312, 315, 325, 411, 424, 430, 432, 434**
COM	102*, 204, **210,** 212, 224, **240,** 250, 251, **253,** 256, **303, 312, 314, 316, 318, 320, 324, 325, 329, 330, 351, 352, 368, 372, 374, 376, 381, 412, 414, 416, 424, 435,491**
CSR	**342***
ECON	251, 252, **340, 352, 355, 361, 365, 368, 370, 375, 380, 385, 422, 456, 461, 466,470,471**
POL	101, 120, 130, 141, 190, **200,** 221, 222, 223, 230, 231, 232, 235, 237, 290,**300, 301, 303, 304, 314, 320, 322, 323, 326, 327, 338, 342, 344, 345, 347,348, 350, 351, 352, 353, 360, 364, 370, 371, 372, 373, 380, 410, 411, 412,413, 415, 416, 417, 418, 419, 423, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 444, 445, 446, 447, 449, 452, 453,454, 455, 456, 460, 461, 462, 463, 493**
PSY	120, 121, 200, **213,** 220, 235, **236, 239, 240, 241, 242,** 250, 251,**272,** 285, **310,311, 314, 333, 335, 336, 337, 338, 339, 350, 360, 361, 364, 365, 366, 367,368, 370, 372, 380, 388, 391, 392, 415, 420, 425, 426, 428, 440, 442, 443,444, 450, 463, 464, 473, 475, 476, 484, 485, 493**
SOC	100, 220, **310, 312, 316, 324, 328, 334, 338, 339, 340, 341, 342, 350, 367, 368,374, 391, 402, 411, 416, 419, 420, 421, 425, 426, 429, 450, 454, 474, 475, 493**

	HUMANITIES
A&D	105, **106**, 125, **200, 205, 206**, 207, **213, 214**, 215, 216, 217, **221**, 226, 227, **230, 235**, 242, **245, 246, 250**, 255, **259, 262**, 265, 266, 270, 271, **275, 276**, 307, 311, 312, 314, 316, 327, 330, 332, 333, 341, 342, 350, 351, 353, 357, 358, 359, 362, 363, 365, 366, 368, 369, 370, 371, 376, 380, 381, 382, 383, 384, 385, 390, 391, 395, 398, 400, 421, 442, 450, 451, 452, 454, 455, 458, 462, 468, 470, 475, 476, 485, 490, 492
ARAB	101, **102, 201, 202, 301, 302**
ASAM*	24000*, **34000***
CHNS	101, **102, 201, 202, 220**, 230, 241, 280, 285, **301, 302, 305, 313, 341, 342, 490, 493**
CLCS	230, 237, **330, 331,333*, 335, 336, 337, 338*, 339*, 385**
DANC	101, 102, 103, 130, **140, 201, 202, 203, 240, 241**, 250, **301, 302**
ENGL	201, 227, 230, 231, 232, 233, 234, 235, 237, 238, 239, 240, 241, 250, 257, 258, 262, 264, 266, 267, 276, 279, **304*, 305, 327, 331, 333, 335, 337, 350, 351, 352, 356, 358, 360, 361, 362, 364, 365, 366, 368, 372, 373, 374, 375, 376, 377, 379, 381, 382, 383, 386, 387, 396, 406, 407, 409, 411, 412, 413, 414, 441, 442, 444, 455, 460, 462, 463, 466, 468, 469, 470**
FLL	101, **102, 201, 202**, 230, 233, 235, 239, 261, 331, 361, **368, 371, 490**
FR	101, **102, 103, 112, 201, 202, 211, 212**, 230, 231, **241, 260, 280, 301, 302, 330, 341, 342, 361, 362, 380, 394, 396, 401, 402, 443, 480**
GER	101, **102, 103, 112, 201, 202, 211, 212**, 230, 231, **241, 260, 280, 301, 302, 323, 330, 341, 342, 360, 385, 401, 402, 441, 442, 446, 480, 483**
GREK	101, **102, 201, 202, 344, 446, 490**
HEBR	101, **102, 201, 202**
HIST	102, 103, 104, 105, 151, 152, 228, 229, 240, 241, 243, 245, 271, 272, 290,**302*, 303, 304, 307, 312, 317, 318, 320, 322, 323, 324, 326, 327, 328, 329, 330,331, 332, 333, 334, 335, 337, 339, 340, 341, 342, 343, 344, 345, 350, 351,352, 353, 355, 356, 357, 358, 359, 360, 361, 362, 365, 366, 368, 371, 372, 376, 377, 381, 382, 383, 385, 386, 387, 391, 392*, 395*,396, 398, 399, 402, 403, 404, 405, 406, 407, 408, 409, 412, 414, 415, 416, 417, 419, 420, 427, 438, 439, 440, 441, 443, 450, 460, 461, 463, 465, 467, 468, 469, 471, 472, 473, 475, 492, 493, 494, 497, 595***
IDIS	220, 260, 271, 280, **330, 370, 371, 371F, 372, 373, 375, 376, 378, 380, 381, 420, 460, 473, 480, 481, 482, 483, 490, 490B**
ITAL	101, **102, 105, 112, 201, 202, 211, 212**, 231, **241, 260, 301, 302**, 330, **335, 341, 342, 394**
JPNS	101, **102, 201, 202**, 230, **241**, 280, **301, 302, 341, 342, 361, 362, 363, 401, 402, 480, 490**
LATN	101, **102, 201, 202, 343, 344, 345, 346, 442, 443, 444, 445, 446, 490, 492**
MUS	**250, 361, 362, 363, 364, 371, 372, 373, 374, 375, 377, 378, 490**
PHIL	110, 111,120*, 150*, 206, 219, 221, 225, 240, 242, 260, 270, 275, 280, 290, **293, 301, 302, 303, 304, 306, 319, 330, 331, 402, 406, 411, 421, 425, 430, 431, 432, 435, 465, 490, 493**
PTGS	101, **102, 105, 112, 201, 202, 211, 212**
RUSS	101, **102**, 111, **112, 201, 202, 211, 212, 223**, 230, 231, 232, 233, 234, 236, 237, **241**, 281, 289, **301, 302, 330, 341, 342, 361, 362, 401, 402, 480**
SPAN	101, **102, 103**, 112, **201, 202, 211, 212, 230**, 231, 235, **241, 260, 280, 301, 302, 330, 335, 341, 342, 361, 362, 401, 402, 480, 481, 482**
THTR	168, 201, 202, **213, 233**, 260, **323, 333, 334, 336, 380, 413, 433, 434, 440, 480**
NS*	214*, **413***
AFT*	**351*, 361*, 471*, 481***