

Academic Advisement Report

UGRD.UENGR.MSEBSMSE
Undergraduate Career
College of Engineering Program
Materials Science & Engr Major (BSMSE)
Requirement Term: Fall 2013

Undergraduate Graduation Requirements

(RG511)

All course work and requirements for this degree must be completed prior to the date the degree is awarded. The University of Arizona requirements to follow in this audit are required for graduation and awarding of the degree.

Curriculum:

1. The University of Arizona and the Arizona Board of Regents have sole discretion over all curricula changes.
2. Courses, programs & requirements may be suspended, deleted, restricted, or changed in any manner, at any time.
3. Students must remain currently informed about all policies & other info that bears on completing a degree.

Required Units:

Additional units will be required to complete this degree if a student:

- A) is admitted to the UA with deficiencies;
- B) changes his/her academic plan(s);
- C) fails to meet minimum course/plan requirements;
- D) ineffectively plans or fails to execute a course of study that leads directly to degree completion; or
- E) is completing more than one baccalaureate degree. Completing a second bachelor's degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

The following requirements must be met for graduation.

Units Required and Cumulative GPA

(R2903/L50)

122 units are required at a 2.0 GPA. View the pdf report grid for units earned toward this degree and cumulative GPA.

Completing a second bachelor's degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

Upper Division Units

(R538/L40)

Not Satisfied: A minimum of 42 units of upper-division credit are required for this degree.

· **Units:** 42.00 required, 0.00 completed, 42.00 needed

Units in Residence

(R538/L60)

Not Satisfied: A minimum of 30 units in residence at The University of Arizona (excluding correspondence credit and credit by exam) is required.

· **Units:** 30.00 required, 0.00 completed, 30.00 needed

Final Units in Residence

(R538/L70)

A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona. Consult with your academic advisor if you plan to use transfer credits to fulfill your degree requirements.

Correspondence and/or Exam Credit Limit

(R2075/L10)

Satisfied: A maximum of 60 units of Correspondence Credit and/or Exam Credit may apply toward graduation.

Non Degree Seeking Limit

(R838/L10)

A maximum of 15 units completed as a non-degree seeking student may be used for fulfilling undergraduate degree requirements.

Units exceeding this limit (shown below) must be subtracted from the units required towards the degree and graduation requirements.

Community College Limit

(R1227/L10)

Not Satisfied: A maximum of 64 units of community college course work may apply toward graduation. A minimum of 56 units of course work must be completed at a 4-year institution, military institution, or as test credit.

· **Units:** 56.00 required, 0.00 completed, 56.00 needed

Success Course Limit

(R3297/L15)

Satisfied: No more than 3 units will apply toward a student's graduation requirements.

All Success courses taken can be seen below. Success Course units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

PE Activity Course Limit

(R3297/L25)

Satisfied: No more than 3 units will apply toward a student's graduation requirements.

All PE activity courses taken can be seen below. PE Activity units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

Foundation Mathematics

(RG1434)

Not Satisfied: Foundation Mathematics

GE Substantial Math Strand

(R2439)

Not Satisfied: GE Substantial Math Strand

GE Substantial Math Strand

(R2439/L10)

Not Satisfied: Complete 1 course.

· **Units:** 2.67 required, 0.00 completed, 2.67 needed

· **Courses:** 0.00 completed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

MATH 122B, MATH 124, MATH 125, MATH 125-CC

Undergraduate General Education and Foundation Requirements

(RG507)

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

(R532)

Not Satisfied: Select from 1 of the 3 following options:

1. First and Second Semester Composition OR
2. Honors Composition with grade of C or higher OR
3. Honors Composition with a grade of D and Second Semester Composition.

Please note: Students who earn a grade of D in Honors Composition may choose to repeat the course in order to earn a higher grade to satisfy the requirement. Please consult with your major advisor.

Mid-Career Writing Assessment - Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or better in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B in 2nd semester English Composition.

Option 1: First Semester Composition

(R532/L10)

Not Satisfied: Complete 1 course

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

ENGL 101, ENGL 101A, ENGL 103H, ENGL 107, ENGL 107A

AND Option 1: Second Semester Composition

(R532/L20)

Not Satisfied: AND Complete 1 course

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

ENGL 102, ENGL 104H, ENGL 108

OR Option 2: Honors Composition

(R532/L30)

Not Satisfied: OR Complete 1 course with a C or better.

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type
	ENGL	109H						

Courses Available

ENGL 109H

GE Foundation Second Language not required

(R3219)

Satisfied: There is no second language required for your major.

General Education Tier I

(R522)

Overall Requirement Not Satisfied: Complete 2 courses in each of the following areas.

Tier I Individuals & Societies

(R522/L10)

Not Satisfied: Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103 or PSY 150A1 & ANTH 150B1 or PSY 150A1 & INDV 103).

Only one course may be completed from the 150A options OR INDV 101. Only one course may be completed from the 150B options OR INDV 102. Only one course may be completed from the 150C options OR INDV 103.

INDV 101 = 150A#

INDV 102 = 150B#

INDV 103 = 150C#

 · **Courses:** 2.00 required, 0.00 completed, 2.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

(***) (###), ANTH 150B1, ANTH 150B1-SA, ART 150B1, ART 150B1-SA, ART 150B2, EDP 150B1, EDP 150B1-SA, ENGL 150B1, ENGL 150B1-SA, FSHD 150B1, GEOG 150B1, GEOG 150B1-SA, GER 150B1, GER 150B1-SA, GWS 150B1, GWS 150B1-SA, GWS 150B2, GWS 150B2-SA, GWS 150B3, GWS 150B3-SA, GWS 150B4, GWS 150B4-SA, HNRS 150B1, HNRS 150B1-SA, HNRS 150B2, IRLS 150B1, LAR 150B1, LAR 150B1-SA, LAS 150B1, LAS 150B1-SA, MAS 150B1, MAS 150B2, MIS 150B1, MIS 150B1-SA, PA 150B1, PA 150B1-SA, PE 150B1, PE 150B1-SA, PHIL 150B1, PHIL 150B1-SA, POL 150B1, POL 150B1-SA, RCSC 150B1, RCSC 150B1-SA, RCSC 150B2, RCSC 150B2-SA, RSSS 150B1, RSSS 150B1-SA, SOC 150B1, SOC 150B1-SA, SOC 150B2, SOC 150B2-SA, AED 150A1, AED 150A1-SA, ANTH 150A1, ANTH 150A1-SA, ART 150A1, ART 150A1-SA, HWRS 150A1, LING 150A1, LING 150A1-SA, MIS 150A1, MIS 150A1-SA, PHIL 150A1, PHIL 150A1-SA, POL 150A1, POL 150A1-SA, PSY 150A1, PSY 150A1-SA, AED 150C1, AREC 150C1, AREC 150C1-SA, AREC 150C2, AREC 150C2-SA, ECON 150C1, ECON 150C1-SA, GEOG 150C1, GEOG 150C1-SA, HIST 150C1, HIST 150C1-SA, HIST 150C2, HIST 150C2-SA, HIST 150C3, HIST 150C3-SA, HIST 150C4, HIST 150C4-CC, HIST 150C4-SA, HIST 150C5, HIST 150C5-CC, HIST 150C5-SA, HIST 150C6, HIST 150C6-SA, JOUR 150C1, JOUR 150C1-SA, MAS 150C1, MAS 150C1-SA, MENA 150C1, MENA 150C1-SA, PHIL 150C1, PHIL 150C1-SA, PLP 150C1, PLP 150C1-SA, POL 150C1, POL 150C1-SA, POL 150C2, POL 150C2-SA, POL 150C3, SOC 150C1, SOC 150C1-SA, SOC 150C2, SOC 150C2-SA

Tier I Traditions & Cultures

(R522/L30)

Not Satisfied: Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160C2 & RSSS 160C1 or TRAD 101 & RSSS 160C1).

Only one course may be completed from the 160A options OR TRAD 101. Only one course may be completed from the 160B options OR TRAD 102. Only one course may be completed from the 160C options OR TRAD 103. Only one course may be completed from the 160D options OR TRAD 104.

TRAD 101 = 160A#

TRAD 102 = 160B#

TRAD 103 = 160C#

TRAD 104 = 160D#

 · **Courses:** 2.00 required, 0.00 completed, 2.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

(***) (###), AFAS 160A1, AFAS 160A1-SA, AFAS 160A2, AFAS 160A2-SA, AIS 160A1, AIS 160A1-SA, ANTH 160A1, ANTH 160A1-SA, EAS 160A1, EAS 160A1-SA, EAS 160A2, EAS 160A2-SA, EAS 160A3, EAS 160A3-SA, EAS 160A4, EAS 160A4-SA, EAS 160A5, EAS 160A5-SA, ENGL 160A1, ENGL 160A1-SA, FREN 160A1, FREN 160A1-SA, HIST 160A1, HIST 160A1-CC, HIST 160A1-SA, MAS 160A1, MAS 160A1-SA, MENA 160A1, MENA 160A1-SA, MENA 160A2, MENA 160A2-SA, MENA 160A3, MENA 160A3-SA, POL 160A1, POL 160A1-SA, CLAS 160B1, CLAS 160B1-SA, DNC 160B1, DNC 160B1-SA, ENGL 160B1, ENGL 160B1-SA, HIST 160B1, HIST 160B1-SA, HIST 160B2, HIST 160B2-SA, ITAL 160B1, ITAL 160B1-SA, POL 160B1, POL 160B1-SA, ARC 160C1, ARC 160C1-SA, DNC 160C1, DNC 160C1-SA, ENGL 160C1, ENGL 160C1-SA, GER 160C1, GER 160C1-SA, GWS 160C1, GWS 160C1-SA, HIST 160C1, HIST 160C1-SA, POL 160C1, POL 160C1-SA, RSSS 160C1, RSSS 160C1-SA, SPAN 160C1, SPAN 160C1-SA, AFAS 160D1, AFAS 160D1-SA, ANTH 160D1, ANTH 160D1-SA, ANTH 160D2, ANTH 160D2-SA, ANTH 160D3, ANTH 160D3-SA, ARC 160D1, ARC 160D1-SA, ART 160D1, ART 160D1-SA, ART 160D2, ART 160D2-SA, ART 160D3, ART 160D3-SA, CLAS 160D1, CLAS 160D1-SA, CLAS 160D2, CLAS 160D2-SA, CLAS 160D3, CLAS 160D3-SA, ENGL 160D1, ENGL 160D1-SA, ENTO 160D1, ENTO 160D1-SA, GER 160D1, GER 160D1-SA, HNRS 160D1, HNRS 160D1-SA, HNRS 160D2, JUN 160D1, JUN 160D1-SA, MUS 160D1, PHIL 160D1, PHIL 160D1-SA, PHIL 160D2, PHIL 160D2-SA, PHIL 160D3, PHIL 160D3-SA, POL 160D1, POL 160D1-SA, RELI 160D1, RELI 160D1-SA, RELI 160D2, RELI 160D2-SA, RELI 160D3, RELI 160D3-SA, RNR 160D1, RNR 160D1-SA, RSSS 160D1, SPAN 160D1, SPAN 160D1-SA, TAR 160D1, VSC 160D1, VSC 160D1-SA

General Education Tier II

(R2778)

Overall Requirement Not Satisfied: Majors must complete Tier II Individual and Societies. Choose one additional Tier II courses from Tier II Arts or Tier II Humanities to complete the requirement.

Option 1: Tier II Arts

(R2778/L10)

Not Satisfied: Complete 3 units

· **Units:** 3.00 required, 0.00 completed, 3.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

AFAS 371, ARC 325, ARE 130, ARH 201, ARH 202, ARH 202-SA, ARH 203, ARH 312, ARH 314, ARH 314-SA, ARH 315, ARH 315-SA, ARH 316A, ARH 316A-SA, ARH 316B, ARH 319, ARH 320, ARH 321, ARH 322, ARH 324, ARH 325, ARH 329, ART 203, ART 242, ART 329, ART 358, CLAS 329, DNC 100, DNC 112A, DNC 112B, DNC 112C, DNC 143, DNC 144A, DNC 144B, DNC 144C, DNC 152A, DNC 152B, DNC 152C, DNC 175, DNC 176A, DNC 176B, DNC 177C, DNC 177D, DNC 200, DNC 276A, ENGL 201, ENGL 201-SA, ENGL 209, ENGL 210, ENGL 300, ENGL 300-SA, FTV 252, FTV 375, HNRS 203H, HNRS 218, HNRS 295B, ISTA 301, JPN 245, LAS 322, LAS 337, MAS 337, MUS 100, MUS 100-CC, MUS 101A, MUS 107, MUS 107-CC, MUS 108, MUS 108-CC, MUS 109, MUS 206, MUS 231, MUS 328, MUS 334, MUS 334-CC, MUS 337, MUS 344, MUS 360, TAR 100, TAR 103, (***) (###)

OR Option 2: Tier II Humanities

(R2778/L20)

Not Satisfied: Complete 1 course. Prerequisite course work in Tier 1 Traditions and Cultures (TRAD) must be completed prior to taking. If LAT 201 or 202 are used to fulfill Foundation Second Language Proficiency, they cannot be used to fulfill Tier II Humanities.

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

AFAS 200, AFAS 222, AFAS 224, AFAS 230, AFAS 245, AFAS 245-CC, AFAS 249, AFAS 255, AFAS 315, AFAS 320, AFAS 342, AFAS 365, AFAS 373, AFAS 381, ANTH 222, ANTH 300, ARH 300, ARH 329, ART 329, CHN 245, CLAS

220, CLAS 221, CLAS 221-SA, CLAS 260, CLAS 300, CLAS 300-SA, CLAS 329, CLAS 335, CLAS 342, CLAS 346, ENGL 220A, ENGL 220B, ENGL 230, ENGL 231, ENGL 245, ENGL 245-CC, ENGL 260, ENGL 260-SA, ENGL 265, ENGL 265-CC, ENGL 267, ENGL 267-SA, ENGL 280, ENGL 342, ENGL 375, ENGR 317, FREN 245, FREN 245-CC, FREN 249, FREN 280, FREN 282, FREN 282-CC, FREN 283, FREN 283-CC, FREN 284, FREN 284-CC, FREN 373, FREN 375, FTV 325, GER 273, GER 275, GER 276, GER 278, GER 325, GER 373, GER 375, GER 376, GER 379, GWS 200, GWS 317, GWS 330, GWS 342, GWS 373, HIST 224, HIST 247, HIST 277A, HIST 277B, HIST 278, HIST 372A, HIST 372B, HNRS 200, HNRS 208-SA, HNRS 208H, HNRS 209, HNRS 212, ITAL 230, ITAL 230-SA, ITAL 240, ITAL 250A, ITAL 250B, ITAL 250C, ITAL 250D, ITAL 330B, JPN 220, JPN 311, JUS 301, JUS 325, JUS 372A, JUS 372B, JUS 376, LAT 201, LAT 201-SA, LAT 202, LAT 202-SA, MENA 277A, MENA 277B, MENA 372A, MENA 372B, PHIL 210, PHIL 213, PHIL 220, PHIL 222, PHIL 260, PHIL 261, PHIL 262, PHIL 325, PHIL 325-SA, PHIL 330, RELI 210, RELI 220, RELI 220A, RELI 220B, RELI 250, RELI 255, RELI 277A, RELI 300, RELI 304, RELI 372A, RELI 372B, RELI 379, RELI 381, RELI 385, RSSS 210, RSSS 304, RSSS 340, RSSS 345, RSSS 350, SPAN 210, SPAN 210-SA, (***) (###)

AND Tier II Individual & Societies

(R2778/L30)

Not Satisfied: Complete 1 course. Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

AED 210, AED 309, AED 408, AFAS 220, AFAS 220-CC, AFAS 223, AFAS 260, AFAS 340, AFAS 444, AGTM 380, AIS 210, AIS 346, AIS 347, ANTH 202, ANTH 203, ANTH 307, ANTH 314, ANTH 316, ANTH 320, ANTH 330, ANTH 346, ANTH 346-CC, ANTH 347, ANTH 347-CC, ANTH 380, ANTV 307, AREC 350, CLAS 240, CLAS 305, CLAS 305-SA, CLAS 306, CLAS 306-SA, CLAS 362, CPH 387, CPH 444, ECON 200, ECON 200-CC, ECON 201A, ECON 201A-CC, ECON 205, EDL 200, EDP 200, FCSC 302, FSHD 200, FSHD 347, GEOG 205, GEOG 210, GEOG 210-CC, GEOG 250, GEOG 251, GEOG 251-CC, GEOG 256, GEOG 270, GEOG 367, GEOG 380, GER 274, GER 274-SA, GWS 240, GWS 328, GWS 362, HED 350, HIST 246, HIST 370A, HIST 370B, HNRS 204H, HNRS 205H, HNRS 206H, HNRS 207H, HNRS 217, ISTA 263, ITAL 330D, JOUR 305, JUS 370A, JUS 370A-CC, JUS 370B, JUS 370B-CC, LAR 350, LAS 204, LAS 251, LING 210, LING 211, LING 330, LRC 204, LRC 239, MAS 265, MAS 365, MENA 251, MENA 330, MENA 334, NESV 334, NURS 310, PA 205, PA 250, PA 323, PE 240, PHIL 205, PHIL 211, PHIL 223, PHIL 233, PHIL 241, PHIL 246, PHIL 250, PHIL 264, PHIL 323, PHIL 345, PHIL 346, PHIL 347, PHIL 348, PLG 202, PLG 211, PLG 256, POL 201, POL 201-CC, POL 201-SA, POL 202, POL 202-CC, POL 202-SA, POL 203, POL 204, POL 204-CC, POL 250, PSY 200, PSY 240, PSY 240-CC, PSY 241, PSY 277, PSY 345, PSY 346, PSY 347, PSY 348, PSY 461A, RCSC 204, RELI 233, RELI 305, RELI 306, RELI 334, RELI 370A, RELI 370B, RELV 334, RNR 256, RSSS 275, RSSS 315, RSSS 328, SERP 200, SLHS 255, SLHS 310, SOC 220, SOC 260, SOC 260-CC, SOC 260-SA, SOC 280, SOC 357, SOC 367, TTE 200, (***) (###)

Diversity Emphasis Course

(R531)

Not Satisfied: One course must be taken that focuses on Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

Courses used to fulfill this requirement may also be used to fulfill other requirements.

Diversity Emphasis Course

(R531/L10)

Not Satisfied: General Education Diversity Emphasis Course: Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

AED 408, AFAS 160A1, AFAS 160A1-SA, AFAS 160A2, AFAS 160A2-SA, AFAS 220, AFAS 220-CC, AFAS 222, AFAS

223, AFAS 230, AFAS 245, AFAS 245-CC, AFAS 249, AFAS 255, AFAS 260, AFAS 302, AFAS 304A, AFAS 304A-SA, AFAS 304B, AFAS 306, AFAS 310, AFAS 311D, AFAS 314, AFAS 315, AFAS 330, AFAS 330-CC, AFAS 340, AFAS 342, AFAS 365, AFAS 371, AFAS 373, AFAS 381, AFAS 444, AFAS 467, AFAS 468, AIS 160A1, AIS 160A1-SA, AIS 210, AIS 346, AIS 347, AIS 467, ANTH 150A1, ANTH 150A1-SA, ANTH 160A1, ANTH 160A1-SA, ANTH 202, ANTH 203, ANTH 222, ANTH 307, ANTH 314, ANTH 316, ANTH 320, ANTH 330, ANTH 346, ANTH 346-CC, ANTH 347, ANTH 347-CC, ANTH 375, ANTH 402, ANTH 450, ANTH 467, ANTV 307, ANTV 375, ARH 203, CHN 245, CHN 251, CHN 275, CHN 276, CHN 276-CC, CHN 331, CHN 340, CHN 341, CHN 419, CHN 420, CHN 429, CHN 468, CHN 475D, CHN 475E, CHN 482, CHN 483, CHN 483-SA, CLAS 362, CPH 387, CPH 444, DNC 177C, DNC 177D, EAS 130, EAS 130-CC, EAS 160A1, EAS 160A1-SA, EAS 160A2, EAS 160A2-SA, EAS 160A3, EAS 160A3-SA, EAS 160A4, EAS 160A4-SA, EAS 160A5, EAS 160A5-SA, EAS 333, EAS 350, EAS 484A, EAS 484B, EAS 489, EAS 496C, ENGL 160A1, ENGL 160A1-SA, ENGL 230, ENGL 245, ENGL 245-CC, ENGL 342, ENGL 429, FREN 160A1, FREN 160A1-SA, FREN 245, FREN 245-CC, FREN 249, FREN 373, FTV 251, GEOG 205, GEOG 210, GEOG 210-CC, GEOG 251, GEOG 251-CC, GEOG 311D, GEOG 311E, GER 274, GER 274-SA, GER 278, GER 373, GER 376, GWS 200, GWS 240, GWS 253, GWS 254, GWS 254-CC, GWS 306, GWS 324, GWS 328, GWS 330, GWS 335, GWS 335-CC, GWS 342, GWS 362, GWS 373, GWS 402, GWS 427, GWS 448, GWS 459, GWS 468, GWS 489, HIST 160A1, HIST 160A1-CC, HIST 160A1-SA, HIST 253, HIST 253-CC, HIST 254, HIST 254-CC, HIST 272, HIST 275, HIST 276, HIST 277A, HIST 278, HIST 306, HIST 370A, HIST 370B, HIST 372A, HIST 372B, HIST 475D, HIST 475E, HIST 482, HIST 489, HNRS 204H, ITAL 330B, ITAL 330D, JPN 220, JPN 245, JPN 272, JPN 304, JPN 310, JPN 311, JPN 396H, JPN 402, JPN 411, JPN 412, JPN 446A, JPN 446B, JPN 447A, JPN 447B, JPN 485, JPN 486, JPN 489, JPN 495B, JPN 495B-SA, JPN 496A, JPN 496A-SA, JPN 496C, JPN 496C-SA, JUS 325, JUS 370A, JUS 370A-CC, JUS 370B, JUS 370B-CC, JUS 372A, JUS 372B, JUS 376, LAS 251, LAS 310, LAS 337, LAS 362, LING 210, LING 304, LING 330, LING 402, LING 411, LING 412, LING 419, LING 420, LING 496C, MAS 160A1, MAS 160A1-SA, MAS 265, MAS 330, MAS 330-CC, MAS 332, MAS 332-CC, MAS 337, MAS 365, MAS 467, MENA 160A1, MENA 160A1-SA, MENA 160A2, MENA 160A2-SA, MENA 160A3, MENA 160A3-SA, MENA 251, MENA 277A, MENA 311E, MENA 330, MENA 334, MENA 372A, MENA 372B, MENA 375, MENA 375-SA, MIS 150B1, MIS 150B1-SA, MUS 109, MUS 334, MUS 334-CC, MUS 337, MUS 344, NES 441, NESV 334, NESV 375, PHIL 222, PHIL 223, PHIL 325, PHIL 325-SA, PHIL 330, POL 160A1, POL 160A1-SA, POL 330, POL 330-CC, POL 332, POL 332-CC, POL 335, POL 335-CC, POL 441, POL 464, POL 464-SA, POL 468, POL 476, RELI 130, RELI 210, RELI 220, RELI 277A, RELI 324, RELI 331, RELI 333, RELI 334, RELI 350, RELI 370A, RELI 370B, RELI 372A, RELI 372B, RELI 381, RELI 483, RELI 484A, RELI 484B, RELI 485, RELI 486, RELI 489, RELV 334, RSSS 315, RSSS 328, RSSS 350, SOC 220, SOC 222, SOC 260, SOC 260-CC, SOC 260-SA, SOC 280, SOC 324, SOC 324-CC, SOC 325, SOC 357, SOC 362, SOC 362-CC, SOC 427, SOC 432, SOC 448, SOC 448-CC, SOC 450, SOC 450-CC, SOC 459, SOC 459-CC, SOC 459-SA, SOC 467, SPAN 210, SPAN 210-SA

Additional Coursework

(RG521)

Courses listed in this section may include general elective credits, UA courses and transferable courses from other institutions. Consult with your advisor to determine if courses listed in this section may be used to fulfill a requirement or sub-requirement in your degree program.

Courses taken for Pass/Fail option can only count as elective credit. They cannot fulfill any General Education, Major, or Minor requirements.

BSMSE in Materials Science & Engineering

(RG1740)

Overall Requirement Not Satisfied: Bachelor of Science Materials Science & Engineering

Supporting Course Work

(R3027)

Overall Requirement Not Satisfied: MSE Supporting Course Work.

1. First Semester Chemistry

(R3027/L10)

Not Satisfied: Complete 4 units consisting of a lecture and lab.

· **Units:** 4.00 required, 0.00 completed, 4.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

CHEM 151, ., CHEM 103A, CHEM 103A-CC, CHEM 104A, CHEM 105A, CHEM 106A

2. Second Semester Chemistry

(R3027/L20)

Not Satisfied: Complete 4 units consisting of a lecture and lab.

 · **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type
	MSE	110						

Courses Available

MSE 110

3. Physics Courses

(R3027/L30)

Not Satisfied: Complete 2 courses.

 · **Courses:** 2.00 required, 0.00 completed, 2.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

PHYS 141, PHYS 241, Approved Transfer Work

4. Option 1 Mathematics Requirement

(R3027/L40)

Not Satisfied: Complete 2 courses.

 · **Courses:** 2.00 required, 0.00 completed, 2.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

MATH 129, MATH 129-CC, MATH 254, MATH 254-CC

4. Option 2 Mathematics Requirement

(R3027/L41)

Not Satisfied: Complete 2 courses.

 · **Courses:** 2.00 required, 0.00 completed, 2.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type
	MATH	250A						
	MATH	250B						

Courses Available

MATH 250A, MATH 250B

5. Vector Calculus

(R3027/L42)

Not Satisfied: Complete 1 course.

 · **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

MATH 223, MATH 223-CC

6. Engineering Courses

(R3027/L50)

Not Satisfied: Complete 3 course.

 · **Courses:** 3.00 required, 0.00 completed, 3.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type
	ECE	207						
	ENGR	102						
	MSE	350						

Courses Available

ECE 207, ENGR 102, MSE 350

7. Math Special Elective

(R3027/L60)

Not Satisfied: Complete 3 units. SIE 305 recommended, 300/400 level Math courses will be accepted with advisor approval.

 · **Units:** 3.00 required, 0.00 completed, 3.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

MATH 3TR, MATH 302A, MATH 302B, MATH 315, MATH 322, MATH 323, MATH 330, MATH 355, MATH 361, MATH 362, MATH 363, MATH 368, MATH 368-CC, MATH 393, MATH 396C, MATH 399, MATH 399H, MATH 401A, MATH 401B, MATH 402, MATH 404, MATH 406A, MATH 406B, MATH 407, MATH 410, MATH 413, MATH 415A, MATH 415B, MATH 422, MATH 424, MATH 425A, MATH 425B, MATH 432, MATH 443, MATH 445, MATH 446, MATH 447, MATH 454, MATH 454-CC, MATH 456, MATH 461, MATH 464, MATH 466, MATH 468, MATH 475A, MATH 475B, MATH 479, MATH 485, MATH 488, MATH 493, MATH 494C, MATH 498, MATH 498H, MATH 499, MATH 499H, SIE 305, SIE 305-CC, SIE 305-SA

8. Advanced Science

(R3027/L70)

Not Satisfied: Complete 3 units. Advanced Science must be chosen in consultation with advisor. Lower division courses must be approved by advisor.

 · **Units:** 3.00 required, 0.00 completed, 3.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

CHEM 3TR, CHEM 302A, CHEM 322, CHEM 323, CHEM 325, CHEM 326, CHEM 380, CHEM 392, CHEM 395A, CHEM 396A, CHEM 396D, CHEM 399, CHEM 399H, CHEM 400A, CHEM 400B, CHEM 401A, CHEM 404A, CHEM 404B, CHEM 405, CHEM 412, CHEM 432A, CHEM 436, CHEM 437, CHEM 439A, CHEM 446, CHEM 447, CHEM 448A, CHEM 450, CHEM 470A, CHEM 470B, CHEM 480A, CHEM 480B, CHEM 481, CHEM 491, CHEM 491H, CHEM 492, CHEM 493, CHEM 495C, CHEM 495D, CHEM 498, CHEM 498H, CHEM 499, CHEM 499H, GEOS 3TR, GEOS 302, GEOS 304, GEOS 304L, GEOS 304R, GEOS 306, GEOS 308, GEOS 310, GEOS 322, GEOS 330, GEOS 340, GEOS 342, GEOS 346, GEOS 346H, GEOS 347, GEOS 356, GEOS 392, GEOS 393, GEOS 393B, GEOS 394, GEOS 396H, GEOS 397A, GEOS 399, GEOS 399H, GEOS 400, GEOS 401, GEOS 404B, GEOS 404C, GEOS 408, GEOS 412A, GEOS 412B, GEOS 414, GEOS 415, GEOS 416, GEOS 417, GEOS 419, GEOS 422, GEOS 423, GEOS 424A, GEOS 425, GEOS 426A, GEOS 427, GEOS 430, GEOS 432, GEOS 433M, GEOS 434A, GEOS 438, GEOS 439A, GEOS 440, GEOS 446, GEOS 447, GEOS 448, GEOS 450, GEOS 453, GEOS 456, GEOS 460, GEOS 462, GEOS 466, GEOS 469, GEOS 470L, GEOS 470R, GEOS 474A, GEOS 477, GEOS 478, GEOS 479, GEOS 481, GEOS 482, GEOS 489, GEOS 490, GEOS 492, GEOS 493, GEOS 494, GEOS 496E, GEOS 497C, GEOS 497I, GEOS 497J, GEOS 497K, GEOS 498, GEOS 498H, GEOS 499, GEOS 499H, MCB 3TR, MCB 302, MCB 303, MCB 304, MCB 305, MCB 315, MCB 340, MCB 360, MCB 361, MCB 392, MCB 396, MCB 396A, MCB 396B, MCB 396H, MCB 396I, MCB 399, MCB 399H, MCB 400, MCB 404, MCB 407, MCB 410, MCB 411, MCB 414, MCB 416A, MCB 422, MCB 424L, MCB 424R, MCB 433, MCB 440, MCB 446, MCB 448A, MCB 449A, MCB 450, MCB 455, MCB 470, MCB 473, MCB 479, MCB 480, MCB 481, MCB 482, MCB 484, MCB 491, MCB 492, MCB 493, MCB 494, MCB 496A, MCB 496J, MCB 496M, MCB 497A, MCB 498, MCB 498H, MCB 499, MCB 499H, PHYS 3TR, PHYS 305, PHYS 320, PHYS 321, PHYS 331, PHYS 332, PHYS 371, PHYS 381, PHYS 382, PHYS 391, PHYS 392, PHYS 396H, PHYS 399, PHYS 399H, PHYS 405, PHYS 422, PHYS 426, PHYS 427, PHYS 430, PHYS 431, PHYS 433, PHYS 439, PHYS 440, PHYS 444, PHYS 445E, PHYS 450, PHYS 460, PHYS 468, PHYS 469, PHYS 472, PHYS 473, PHYS 474, PHYS 476, PHYS 478, PHYS 480, PHYS 481, PHYS 483, PHYS 484, PHYS 492, PHYS 492-SA, PHYS 494, PHYS 496A, PHYS 498, PHYS 498H, PHYS 499, PHYS 499H

Materials Science & Engineering Major

(R3028)

Overall Requirement Not Satisfied: Materials Science & Engineering Major

Materials Science Core Courses

(R3028/L10)

Not Satisfied: Complete 10 courses.

 · **Courses:** 10.00 required, 0.00 completed, 10.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type
	ENGR	498A						
	ENGR	498B						
	MSE	222						
	MSE	223L						
	MSE	223R						
	MSE	345						
	MSE	360L						
	MSE	365						
	MSE	415						
	MSE	480						

Courses Available

ENGR 498A, ENGR 498B, MSE 222, MSE 223L, MSE 223R, MSE 345, MSE 360L, MSE 365, MSE 415, MSE 480

MSE Technical Electives

(R3028/L20)

Not Satisfied: Complete 12 units from MSE courses to be specified by an advisor.

 · **Units:** 12.00 required, 0.00 completed, 12.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

MSE 3TR, MSE 222, MSE 223L, MSE 223R, MSE 225, MSE 250, MSE 257A, MSE 257B, MSE 258, MSE 293, MSE 299, MSE 299H, MSE 300, MSE 301, MSE 302, MSE 303, MSE 304, MSE 320, MSE 331L, MSE 331R, MSE 345, MSE 350, MSE 360L, MSE 365, MSE 397B, MSE 399, MSE 399H, MSE 404, MSE 405A, MSE 411, MSE 412, MSE 414, MSE 415, MSE 420, MSE 424, MSE 425, MSE 434, MSE 435, MSE 437, MSE 443, MSE 446, MSE 447L, MSE 450, MSE 455, MSE 460, MSE 461, MSE 462, MSE 464, MSE 465, MSE 468, MSE 470, MSE 471, MSE 471L, MSE 473, MSE 479, MSE 480, MSE 488, MSE 489, MSE 491, MSE 493, MSE 496A, MSE 498, MSE 498H, MSE 499, MSE 499H

Technical Electives

(R3028/L30)

Not Satisfied: Complete 12 units. Courses in the following subject areas will be accepted with advisor approval:

CHEM, PHYS, MATH, MSE, CHEE, MNE, SIE, ECE, AME, CVE, OSE, BME, ABE, EMG, BNAD, ACCT, ECON, ENGR, and MCB.

· **Units:** 12.00 required, 0.00 completed, 12.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Courses Available

ADVR 101

Materials Science & Engineering Graduation Requirements

(R3032)

Overall Requirement Not Satisfied: Materials Science & Engineering Graduation Requirements

Mid Career Writing Assessment

(R3032/L20)

Not Satisfied: Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or higher in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B or higher in 2nd semester English Composition.

· **Courses:** 1.00 required, 0.00 completed, 1.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Major GPA

(R3032/L40)

Satisfied: A minimum 2.0 GPA is required in the major coursework.

· **Units:** 0.00 completed
 · **GPA:** 2.000 required, 0.000 completed

Major Residency

(R3032/L60)

Not Satisfied: A minimum of 18 units in the pre-major, supporting coursework, professional core, and/or major must be taken at

the University of Arizona.

· **Units:** 18.00 required, 0.00 completed, 18.00 needed

Term	Subject	Catalog Nbr	Course Title	Grade	Units	RptCd	RqDes	Type

Minor Optional (R1341)

Satisfied: A minor is optional for this major. Consult with your advisor to select a minor or discuss other options such as selecting a second major.