## **INDUSTRIAL ENGINEERING MAJOR**

## Program Tracking Sheet

| Name:   |  | Class Year: 2026 |   | Date   | Date tracking sheet completed:   |  |  |
|---|--|------------------|---|--|--|--|--|
| Student ID #:   | Advisor  | •<br>•           |   | 2 <sup>nd</sup> [  | Major/Minor:   |  |  |
| NOTES: Minimum academic credit = 15 uni   | its  |                  |   | SOCIAL SCIEN   | ICES (2/3 units)   |  |  |
| Residency Req.: Min. of 8 units m   |  |                  |   |  | ECON, ENV, GOV, ID 2050/S  | S 2050, PSY, SI  | D, SOC, SS, STS  |
| No course should appear more than once on this shee exception of PE courses.  |  |                  | the   | 20. ID 2050/S  | S 2050   | AY '25   | 1/3  |
|   |  |                  |   | 21.  |  |  | 1/3  |
| HUMANITIES AND ARTS REQUIREME   | <b>NT</b> (6/3 units)                            |                  |   | THE INTERAC  | TIVE QUALIFYING PROJE  | CT (3/3 units)   |  |
| Breadth Component   |  |                  |   | 22.  | •  | AY '25   | 1/3  |
| Students must take at least one course outside the grouping in which  |  |                  | hich  | 23.  |  | AY '25   | 1/3  |
| the depth component falls:  |  |                  |   | 24.  |  | AY '25   | 1/3  |
| a. Art/art history, drama/theatre, music (A   |  |                  |   | INDUSTRIAL F   | NGINEERING CORE (9/3 I   | units)   |  |
| b. Foreign languages (AB, CN, EN, GN, SP)   |  |                  |   | 25. OIE 3405   | ,  |  | 1/3  |
| c. Literature, writing, rhetoric (EN, WR, Rł<br>d. History, international studies (HI, HU, II)  |  |                  |   | 26. OIE 2081   |  |  | 1/3  |
| e. Philosophy, religion (PY, RE)  | VIL)   |                  |   | 27. BUS 3020   |  |  | 1/3  |
| Course  | Term   | Grade            | Units   |  | or CS2119 or 2102/2103**   |  | 1/3  |
| 1.  | 101111   | Orado            | 1/3   | 29. OIE 2850   |  |  | 1/3  |
| 2.  |  |                  | 1/3   | 30. OIE 3410   |  |  | 1/3  |
| Depth Component   |  | ı                | .,,,  | 31. OIE 3420   |  |  | 1/3  |
| Students must complete at least three thematically-related courses  |  |                  |   | 32. OIE 3460   |  |  | 1/3  |
| prior to the culminating Inquiry Seminar or Practicum in the same   |  |                  |   |  |  |  | 4.00   |
| prior to the culminating Inquiry Seminar or   |  |                  |   | 33. OIE 3510   |  | 24/4402 minute   | 1/3  |
|   | e 2000 level or                                  | above.           |   | **Take CS 1004   | orior to CS 2119. Take CS 110  | •  | CS 2102/2103.  |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  | e 2000 level or                                  | above.           | 1/3   | **Take CS 1004  <br>INDUSTRIAL E   | NGINEERING ELECTIVES   | S-Operations R   | CS 2102/2103.<br>esearch (3/3 units  |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  | e 2000 level or                                  | above.           | 1/3   | **Take CS 1004  <br>INDUSTRIAL E<br>Choose three: (  |  | <b>6-Operations Ro</b><br>30*, 4460; MIS   | CS 2102/2103.<br>esearch (3/3 units<br>3720, 4084, 472   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4. 5.   | e 2000 level or                                  | above.           | 1/3<br>1/3  | **Take CS 1004  <br>INDUSTRIAL E<br>Choose three: (<br>4741; MA 3231<br>*Only if not taken   | ENGINEERING ELECTIVES<br>DIE 3405*, 3600*, 4410, 44:<br>, 3233, 3627, 3631, 4235, 4  | <b>6-Operations Ro</b><br>30*, 4460; MIS   | CS 2102/2103.<br>esearch (3/3 units<br>3720, 4084, 472<br>32.  |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4. 5.   | e 2000 level or                                  | above.           | 1/3   | **Take CS 1004  <br>INDUSTRIAL E<br>Choose three: 0<br>4741; MA 3231<br>*Only if not taken<br>34.  | ENGINEERING ELECTIVES<br>DIE 3405*, 3600*, 4410, 44:<br>, 3233, 3627, 3631, 4235, 4  | <b>6-Operations Ro</b><br>30*, 4460; MIS   | CS 2102/2103. esearch (3/3 units 3720, 4084, 472 32.   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Ger 3.  4. 5. 6. HU 3900/3910 (taken last)  | e 2000 level or<br>rman or Spanis                | above.           | 1/3<br>1/3  | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35.   | ENGINEERING ELECTIVES<br>DIE 3405*, 3600*, 4410, 44:<br>, 3233, 3627, 3631, 4235, 4  | <b>6-Operations Ro</b><br>30*, 4460; MIS   | CS 2102/2103. esearch (3/3 units 3720, 4084, 472 32.   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4. 5. 6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes  | e 2000 level or<br>rman or Spanis                | above.           | 1/3<br>1/3<br>1/3   | **Take CS 1004  <br>INDUSTRIAL E<br>Choose three: 0<br>4741; MA 3231<br>*Only if not taken<br>34.  | ENGINEERING ELECTIVES<br>DIE 3405*, 3600*, 4410, 44:<br>, 3233, 3627, 3631, 4235, 4  | <b>6-Operations Ro</b><br>30*, 4460; MIS   | CS 2102/2103. esearch (3/3 units 3720, 4084, 472 32.   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Ger 3.  4. 5. 6. HU 3900/3910 (taken last)  | e 2000 level or<br>rman or Spanis                | above.           | 1/3<br>1/3  | **Take CS 1004   INDUSTRIAL E Choose three: ( 4741; MA 3231 *Only if not taken 34. 35. 36. TECHNICAL E   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44; , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units)  | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463  | CS 2102/2103. esearch (3/3 units 5 3720, 4084, 472 32.  1/3 1/3  |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2  | e 2000 level or<br>rman or Spanis                | above.           | 1/3<br>1/3<br>1/3<br>1/3  | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44; , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE   | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463  | CS 2102/2103. esearch (3/3 units 3720, 4084, 472 32.  1/3 1/3 CS 1004, 1101,   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Ger 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1  7.2  7.3  | e 2000 level or<br>rman or Spanis                | above.           | 1/3<br>1/3<br>1/3<br>1/3  | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE DE, ES (except ES 1000, 33  | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463<br>E, CS (except 0<br>323), ME, OIE,   | CS 2102/2103. esearch (3/3 units 3720, 4084, 472 32.  1/3 1/3 CS 1004, 1101,   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Gel 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2 7.3 7.4  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12                                      | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see  | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course  | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463<br>E, CS (except 0<br>323), ME, OIE,<br>es include:  | CS 2102/2103. esearch (3/3 units s 3720, 4084, 472 32.  1/3 1/3 1/3 CS 1004, 1101, RBE, as well as a   |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2 7.3 7.4  MATHEMATICS & BASIC SCIENCE (12)  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12                                      | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course D32/MA 3257, ECE 2010, E   | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463<br>E, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20   | CS 2102/2103.  esearch (3/3 units 3720, 4084, 472 32.  1/3  1/3  1/3  CS 1004, 1101,  RBE, as well as 3001, ES 2800,                                       |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1  7.2  7.3  7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12<br>1/12                              | **Take CS 1004   INDUSTRIAL E Choose three: (4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 13   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44; , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE DE, ES (except ES 1000, 33; e above). Suggested course D32/MA 3257, ECE 2010, E B00, ME 2820. GPS course                | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463<br>E, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20   | CS 2102/2103.  esearch (3/3 units 3720, 4084, 472 32.  1/3 1/3 1/3  CS 1004, 1101, RBE, as well as 3001, ES 2800, t qualify.                               |
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| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2 7.3 7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence 8. MA 1021  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12<br>1/12                              | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 10 37. One ES co 38. 39.  | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course 032/MA 3257, ECE 2010, E 800, ME 2820. GPS course ourse required | E, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20<br>e credits do noi  | CS 2102/2103. esearch (3/3 units 5 3720, 4084, 472 32.  1/3  1/3  1/3  CS 1004, 1101,  RBE, as well as 3 101, ES 2800,  t qualify.  1/3                    |
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| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2 7.3 7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence 8. MA 1021 9. MA 1022 10. MA 1023 11. MA 1024 12. MA 2051  Statistics Sequence  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12<br>1/12<br>1/13<br>1/3<br>1/3<br>1/3 | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 10 37. One ES co 38. 39.  THE MAJOR Q 40. 41. 42.   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course 032/MA 3257, ECE 2010, E 800, ME 2820. GPS course ourse required | 6-Operations Ro<br>30*, 4460; MIS<br>237, 4631, 463<br>E, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20<br>e credits do noi                                 | CS 2102/2103. esearch (3/3 units 5 3720, 4084, 472 32.  1/3 1/3 1/3 CS 1004, 1101, RBE, as well as 6 101, ES 2800, t qualify.  1/3 1/3 1/3 1/3             |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Gel 3.  4. 5. 6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1 7.2 7.3 7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence 8. MA 1021 9. MA 1022 10. MA 1023 11. MA 1024 12. MA 2051  Statistics Sequence 13. MA 2611 14. MA 2612 or 2621  | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3 1/3 1/3 1/3 1/13 1/12 1/12 1/12 1/12  | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 10 37. One ES co 38. 39.  THE MAJOR Q 40. 41. 42.  FREE ELECTIV   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course 032/MA 3257, ECE 2010, E 800, ME 2820. GPS course ourse required | E-, CS (except 0<br>30*, 4460; MIS<br>237, 4631, 463<br>E-, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20<br>e credits do noi                               | CS 2102/2103. esearch (3/3 units is 3720, 4084, 472 is 32.  1/3 1/3 1/3 CS 1004, 1101, RBE, as well as is 301, ES 2800, t qualify.  1/3 1/3 1/3 1/3 1/3    |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1  7.2  7.3  7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence 8. MA 1021  9. MA 1022  10. MA 1023  11. MA 1024  12. MA 2051  Statistics Sequence  13. MA 2611  14. MA 2612 or 2621  Physics/Chemistry Sequence | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3<br>1/3<br>1/3<br>1/3<br>1/3<br>1/12<br>1/12<br>1/12<br>1/12                       | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 10 37. One ES c 38. 39.  THE MAJOR Q 40. 41. 42.  FREE ELECTIV 43.  | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course 032/MA 3257, ECE 2010, E 800, ME 2820. GPS course ourse required | E-, CS (except 0<br>30*, 4460; MIS<br>237, 4631, 463<br>E-, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20<br>e credits do noi                               | CS 2102/2103. esearch (3/3 units 5 3720, 4084, 472 32.  1/3 1/3 1/3 CS 1004, 1101, RBE, as well as 6 101, ES 2800, t qualify.  1/3 1/3 1/3 1/3 1/3 1/3 1/3 |
| prior to the culminating Inquiry Seminar of thematic area. At least one must be at the Exception: May take all six courses in Get 3.  4.  5.  6. HU 3900/3910 (taken last)  PHYSICAL EDUCATION (4 PE classes 7.1  7.2  7.3  7.4  MATHEMATICS & BASIC SCIENCE (12 Calculus Sequence 8. MA 1021  9. MA 1022  10. MA 1023  11. MA 1024  12. MA 2051  Statistics Sequence 13. MA 2611  14. MA 2612 or 2621                              | e 2000 level or<br>rman or Spanis<br>= 1/3 unit) | above.           | 1/3 1/3 1/3 1/3 1/13 1/12 1/12 1/12 1/12  | **Take CS 1004   INDUSTRIAL E Choose three: 0 4741; MA 3231 *Only if not taken 34. 35. 36.  TECHNICAL E Any designated 1102, 3043), E0 IE Elective (see CS 2011, CS 40 ES 3001, ME 10 37. One ES co 38. 39.  THE MAJOR Q 40. 41. 42.  FREE ELECTIV   | ENGINEERING ELECTIVES DIE 3405*, 3600*, 4410, 44: , 3233, 3627, 3631, 4235, 4 in IE Core.  LECTIVES (3/3 units) CE (except CE 3022), CHE CE, ES (except ES 1000, 33: e above). Suggested course 032/MA 3257, ECE 2010, E 800, ME 2820. GPS course ourse required | E-, CS (except 0<br>30*, 4460; MIS<br>237, 4631, 463<br>E-, CS (except 0<br>323), ME, OIE,<br>es include:<br>S 1310, ES 20<br>e credits do noi                               | CS 2102/2103. esearch (3/3 units is 3720, 4084, 472 is 32.  1/3 1/3 1/3 CS 1004, 1101, RBE, as well as is 301, ES 2800, t qualify.  1/3 1/3 1/3 1/3 1/3    |

## **NOTES**

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Science: BB, CH, GE, PH

18. 19.