

# MGE MAJOR w/ BIOMEDICAL ENGINEERING CONCENTRATION (MGBE)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| Depth Component  |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| Breadth Component  |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| Humanities Elective  |      |       |       |
| 6.   |      |       | 1/3   |

### WELLNESS AND PHYSICAL EDUCATION (4 WPE classes = 1/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 7.1    |      |       | 1/12  |
| 7.2    |      |       | 1/12  |
| 7.3    |      |       | 1/12  |
| 7.4    |      |       | 1/12  |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

| Course      | Term | Grade | Units |
|-------------|------|-------|-------|
| 8. MA 1021  |      |       | 1/3   |
| 9. MA 1022  |      |       | 1/3   |
| 10. MA 2611 |      |       | 1/3   |
| 11. MA 2612 |      |       | 1/3   |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 12.    |      |       | 1/3   |

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 13.    |      |       | 1/3   |
| 14.    |      |       | 1/3   |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050.

| Course                        | Term | Grade | Units |
|-------------------------------|------|-------|-------|
| 15. ECON 1110 or 1120 or 2910 |      |       | 1/3   |
| 16.                           |      |       | 1/3   |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

| Course | Term   | Grade | Units |
|--------|--------|-------|-------|
| 17.    | AY '26 |       | 1/3   |
| 18.    | AY '26 |       | 1/3   |
| 19.    | AY '26 |       | 1/3   |

### FINANCIAL COURSES (3/3 units)\*

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 20. ACC 2060                         |      |       | 1/3   |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |      |       | 1/3   |
| 22. OIE 2850                         |      |       | 1/3   |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

| Course                             | Term | Grade | Units |
|------------------------------------|------|-------|-------|
| 23. Any OBC (OBC 1010 recommended) |      |       | 1/3   |
| 24. Any MKT (MKT 4030 recommended) |      |       | 1/3   |
| 25.                                |      |       | 1/3   |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

| Course       | Term | Grade | Units |
|--------------|------|-------|-------|
| 26. OIE 3020 |      |       | 1/3   |
| 27.          |      |       | 1/3   |
| 28.          |      |       | 1/3   |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 29. OIE 3420                         |      |       | 1/3   |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |      |       | 1/3   |
| 31.                                  |      |       | 1/3   |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 32.    |      |       | 1/3   |

### MGE MAJOR w/ BME CONCENTRATION (6/3 units)

Select five from: BME 1001, 2001, 2210, 2211, 2502, 3300, 3111, 3610, BB 3101, 3102

| Course                   | Term | Grade | Units |
|--------------------------|------|-------|-------|
| 33. ETR 1100 or MKT 3640 |      |       | 1/3   |
| 34.                      |      |       | 1/3   |
| 35.                      |      |       | 1/3   |
| 36.                      |      |       | 1/3   |
| 37.                      |      |       | 1/3   |
| 38.                      |      |       | 1/3   |

### MAJOR QUALIFYING PROJECT (3/3 units)

| Course | Term  | Grade | Units |
|--------|-------|-------|-------|
| 39.    | A '26 |       | 1/3   |
| 40.    | B '26 |       | 1/3   |
| 41.    | C '27 |       | 1/3   |

Note: MQP must have a business focus related to Biomedical Engineering.

### FREE ELECTIVES (4/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 42.    |      |       | 1/3   |
| 43.    |      |       | 1/3   |
| 44.    |      |       | 1/3   |
| 45.    |      |       | 1/3   |

# MGE MAJOR w/ CIVIL ENGINEERING CONCENTRATION (MGCE)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| <b>Depth Component</b>   |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| <b>Breadth Component</b>   |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| <b>Humanities Elective</b>   |      |       |       |
| 6.   |      |       | 1/3   |

### WELLNESS AND PHYSICAL EDUCATION (4 WPE classes = 1/3 units)

|     |  |  |      |
|-----|--|--|------|
| 7.1 |  |  | 1/12 |
| 7.2 |  |  | 1/12 |
| 7.3 |  |  | 1/12 |
| 7.4 |  |  | 1/12 |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

|             |  |  |     |
|-------------|--|--|-----|
| 8. MA 1021  |  |  | 1/3 |
| 9. MA 1022  |  |  | 1/3 |
| 10. MA 2611 |  |  | 1/3 |
| 11. MA 2612 |  |  | 1/3 |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

|     |  |  |     |
|-----|--|--|-----|
| 12. |  |  | 1/3 |
|-----|--|--|-----|

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

|     |  |  |     |
|-----|--|--|-----|
| 13. |  |  | 1/3 |
| 14. |  |  | 1/3 |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

|                               |  |  |     |
|-------------------------------|--|--|-----|
| 15. ECON 1110 or 1120 or 2910 |  |  | 1/3 |
| 16.                           |  |  | 1/3 |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

|     |        |  |     |
|-----|--------|--|-----|
| 17. | AY '26 |  | 1/3 |
| 18. | AY '26 |  | 1/3 |
| 19. | AY '26 |  | 1/3 |

### FINANCIAL COURSES (3/3 units)\*

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 20. ACC 2060                         |  |  | 1/3 |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |  |  | 1/3 |
| 22. OIE 2850                         |  |  | 1/3 |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, BUS 3010, ETR, MKT, OBC

|                                    |  |  |     |
|------------------------------------|--|--|-----|
| 23. Any OBC (OBC 1010 recommended) |  |  | 1/3 |
| 24. Any MKT (MKT 4030 recommended) |  |  | 1/3 |
| 25.                                |  |  | 1/3 |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

|              |  |  |     |
|--------------|--|--|-----|
| 26. OIE 3020 |  |  | 1/3 |
| 27.          |  |  | 1/3 |
| 28.          |  |  | 1/3 |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 29. OIE 3420                         |  |  | 1/3 |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |  |  | 1/3 |
| 31.                                  |  |  | 1/3 |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

|     |  |  |     |
|-----|--|--|-----|
| 32. |  |  | 1/3 |
|-----|--|--|-----|

### MGE MAJOR w/ CE CONCENTRATION (6/3 units)

Select five from: AREN 2023, CE 1030, 2000, 2001, 2020, 3020, 3022, 3025, 3030, 3031, 3041, ES 3004

|                          |  |  |     |
|--------------------------|--|--|-----|
| 33. ETR 1100 or MKT 3640 |  |  | 1/3 |
| 34.                      |  |  | 1/3 |
| 35.                      |  |  | 1/3 |
| 36.                      |  |  | 1/3 |
| 37.                      |  |  | 1/3 |
| 38.                      |  |  | 1/3 |

### MAJOR QUALIFYING PROJECT (3/3 units)

|     |  |  |     |
|-----|--|--|-----|
| 39. |  |  | 1/3 |
| 40. |  |  | 1/3 |
| 41. |  |  | 1/3 |

**Note:** MQP must have an CE focus.

### FREE ELECTIVES (4/3 units)

|     |  |  |     |
|-----|--|--|-----|
| 42. |  |  | 1/3 |
| 43. |  |  | 1/3 |
| 44. |  |  | 1/3 |
| 45. |  |  | 1/3 |

# MGE MAJOR w/ ELECTRICAL AND COMPUTER ENGINEERING CONCENTRATION (MGEE)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| Depth Component  |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| Breadth Component  |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| Humanities Elective  |      |       |       |
| 6.   |      |       | 1/3   |

### WELLNESS AND PHYSICAL EDUCATION (4 WPE classes = 1/3 units)

|     |  |  |      |
|-----|--|--|------|
| 7.1 |  |  | 1/12 |
| 7.2 |  |  | 1/12 |
| 7.3 |  |  | 1/12 |
| 7.4 |  |  | 1/12 |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

|             |  |  |     |
|-------------|--|--|-----|
| 8. MA 1021  |  |  | 1/3 |
| 9. MA 1022  |  |  | 1/3 |
| 10. MA 2611 |  |  | 1/3 |
| 11. MA 2612 |  |  | 1/3 |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

|     |  |  |     |
|-----|--|--|-----|
| 12. |  |  | 1/3 |
|-----|--|--|-----|

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

|     |  |  |     |
|-----|--|--|-----|
| 13. |  |  | 1/3 |
| 14. |  |  | 1/3 |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

|                               |  |  |     |
|-------------------------------|--|--|-----|
| 15. ECON 1110 or 1120 or 2910 |  |  | 1/3 |
| 16.                           |  |  | 1/3 |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

|     |        |  |     |
|-----|--------|--|-----|
| 17. | AY '26 |  | 1/3 |
| 18. | AY '26 |  | 1/3 |
| 19. | AY '26 |  | 1/3 |

### FINANCIAL COURSES (3/3 units)\*

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 20. ACC 2060                         |  |  | 1/3 |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |  |  | 1/3 |
| 22. OIE 2850                         |  |  | 1/3 |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

|                                    |  |  |     |
|------------------------------------|--|--|-----|
| 23. Any OBC (OBC 1010 recommended) |  |  | 1/3 |
| 24. Any MKT (MKT 4030 recommended) |  |  | 1/3 |
| 25.                                |  |  | 1/3 |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

|              |  |  |     |
|--------------|--|--|-----|
| 26. OIE 3020 |  |  | 1/3 |
| 27.          |  |  | 1/3 |
| 28.          |  |  | 1/3 |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 29. OIE 3420                         |  |  | 1/3 |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |  |  | 1/3 |
| 31.                                  |  |  | 1/3 |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

|     |  |  |     |
|-----|--|--|-----|
| 32. |  |  | 1/3 |
|-----|--|--|-----|

### MGE MAJOR w/ ECE CONCENTRATION (6/3 units)

At least four: ECE 2010, 2019, 2029, 2049, 2112, 2311, 2312, 2799

|                          |  |  |     |
|--------------------------|--|--|-----|
| 33. ETR 1100 or MKT 3640 |  |  | 1/3 |
| 34.                      |  |  | 1/3 |
| 35.                      |  |  | 1/3 |
| 36.                      |  |  | 1/3 |
| 37.                      |  |  | 1/3 |
| 38.                      |  |  | 1/3 |

### MAJOR QUALIFYING PROJECT (3/3 units)

|     |       |  |     |
|-----|-------|--|-----|
| 39. | A '26 |  | 1/3 |
| 40. | B '26 |  | 1/3 |
| 41. | C '27 |  | 1/3 |

Note: MQP must have a business focus related to Electrical and Computer Engineering.

### FREE ELECTIVES (4/3 units)

|     |  |  |     |
|-----|--|--|-----|
| 42. |  |  | 1/3 |
| 43. |  |  | 1/3 |
| 44. |  |  | 1/3 |
| 45. |  |  | 1/3 |

# MGE MAJOR w/ INFORMATION TECHNOLOGY CONCENTRATION (MGIT)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| Depth Component  |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| Breadth Component  |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| Humanities Elective  |      |       |       |
| 6.   |      |       | 1/3   |

### WELLNESS AND PHYSICAL EDUCATION (4 WPE classes = 1/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 7.1    |      |       | 1/12  |
| 7.2    |      |       | 1/12  |
| 7.3    |      |       | 1/12  |
| 7.4    |      |       | 1/12  |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

| Course      | Term | Grade | Units |
|-------------|------|-------|-------|
| 8. MA 1021  |      |       | 1/3   |
| 9. MA 1022  |      |       | 1/3   |
| 10. MA 2611 |      |       | 1/3   |
| 11. MA 2612 |      |       | 1/3   |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 12.    |      |       | 1/3   |

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 13.    |      |       | 1/3   |
| 14.    |      |       | 1/3   |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

| Course                        | Term | Grade | Units |
|-------------------------------|------|-------|-------|
| 15. ECON 1110 or 1120 or 2910 |      |       | 1/3   |
| 16.                           |      |       | 1/3   |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

| Course | Term   | Grade | Units |
|--------|--------|-------|-------|
| 17.    | AY '26 |       | 1/3   |
| 18.    | AY '26 |       | 1/3   |
| 19.    | AY '26 |       | 1/3   |

### FINANCIAL COURSES (3/3 units)\*

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 20. ACC 2060                         |      |       | 1/3   |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |      |       | 1/3   |
| 22. OIE 2850                         |      |       | 1/3   |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

| Course                             | Term | Grade | Units |
|------------------------------------|------|-------|-------|
| 23. Any OBC (OBC 1010 recommended) |      |       | 1/3   |
| 24. Any MKT (MKT 4030 recommended) |      |       | 1/3   |
| 25.                                |      |       | 1/3   |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

| Course       | Term | Grade | Units |
|--------------|------|-------|-------|
| 26. OIE 3020 |      |       | 1/3   |
| 27.          |      |       | 1/3   |
| 28.          |      |       | 1/3   |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 29. OIE 3420                         |      |       | 1/3   |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |      |       | 1/3   |
| 31.                                  |      |       | 1/3   |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 32.    |      |       | 1/3   |

### MGE MAJOR w/ IT CONCENTRATION (6/3 units)

Select three from: MIS 3787, 4084, 4741, CS 2119, 2102 or 2103, 2301 or 2303, 3041, DS 1010

| Course                   | Term | Grade | Units |
|--------------------------|------|-------|-------|
| 33. ETR 1100 or MKT 3640 |      |       | 1/3   |
| 34. MIS 3720             |      |       | 1/3   |
| 35. MIS 4720             |      |       | 1/3   |
| 36.                      |      |       | 1/3   |
| 37.                      |      |       | 1/3   |
| 38.                      |      |       | 1/3   |

### MAJOR QUALIFYING PROJECT (3/3 units)

| Course | Term  | Grade | Units |
|--------|-------|-------|-------|
| 39.    | A '26 |       | 1/3   |
| 40.    | B '26 |       | 1/3   |
| 41.    | C '27 |       | 1/3   |

Note: MQP must have a business focus related to Information Technology.

### FREE ELECTIVES (4/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 42.    |      |       | 1/3   |
| 43.    |      |       | 1/3   |
| 44.    |      |       | 1/3   |
| 45.    |      |       | 1/3   |

# MGE MAJOR w/ INDUSTRIAL ENGINEERING CONCENTRATION (MGIE)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| Depth Component  |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| Breadth Component  |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| Humanities Elective  |      |       |       |
| 6.   |      |       | 1/3   |

### PHYSICAL EDUCATION (4 PE classes = 1/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 7.1    |      |       | 1/12  |
| 7.2    |      |       | 1/12  |
| 7.3    |      |       | 1/12  |
| 7.4    |      |       | 1/12  |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

| Course      | Term | Grade | Units |
|-------------|------|-------|-------|
| 8. MA 1021  |      |       | 1/3   |
| 9. MA 1022  |      |       | 1/3   |
| 10. MA 2611 |      |       | 1/3   |
| 11. MA 2612 |      |       | 1/3   |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 12.    |      |       | 1/3   |

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 13.    |      |       | 1/3   |
| 14.    |      |       | 1/3   |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

| Course                        | Term | Grade | Units |
|-------------------------------|------|-------|-------|
| 15. ECON 1110 or 1120 or 2910 |      |       | 1/3   |
| 16.                           |      |       | 1/3   |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

| Course | Term   | Grade | Units |
|--------|--------|-------|-------|
| 17.    | AY '26 |       | 1/3   |
| 18.    | AY '26 |       | 1/3   |
| 19.    | AY '26 |       | 1/3   |

### FINANCIAL COURSES (3/3 units)\*

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 20. ACC 2060                         |      |       | 1/3   |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |      |       | 1/3   |
| 22. OIE 2850                         |      |       | 1/3   |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

| Course                             | Term | Grade | Units |
|------------------------------------|------|-------|-------|
| 23. Any OBC (OBC 1010 recommended) |      |       | 1/3   |
| 24. Any MKT (MKT 4030 recommended) |      |       | 1/3   |
| 25.                                |      |       | 1/3   |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

| Course       | Term | Grade | Units |
|--------------|------|-------|-------|
| 26. OIE 3020 |      |       | 1/3   |
| 27.          |      |       | 1/3   |
| 28.          |      |       | 1/3   |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

| Course                               | Term | Grade | Units |
|--------------------------------------|------|-------|-------|
| 29. OIE 3420                         |      |       | 1/3   |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |      |       | 1/3   |
| 31.                                  |      |       | 1/3   |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 32.    |      |       | 1/3   |

### MGE MAJOR w/ IE CONCENTRATION (6/3 units)

Select five from: MIS 3720, OIE 2081, 2600, 3405, 3410, 3460, 3510, 4410, 4430

| Course                   | Term | Grade | Units |
|--------------------------|------|-------|-------|
| 33. ETR 1100 or MKT 3640 |      |       | 1/3   |
| 34.                      |      |       | 1/3   |
| 35.                      |      |       | 1/3   |
| 36.                      |      |       | 1/3   |
| 37.                      |      |       | 1/3   |
| 38.                      |      |       | 1/3   |

### MAJOR QUALIFYING PROJECT (3/3 units)

| Course | Term  | Grade | Units |
|--------|-------|-------|-------|
| 39.    | A '26 |       | 1/3   |
| 40.    | B '26 |       | 1/3   |
| 41.    | C '27 |       | 1/3   |

Note: MQP must have a business focus related to Industrial Engineering.

### FREE ELECTIVES (4/3 units)

| Course | Term | Grade | Units |
|--------|------|-------|-------|
| 42.    |      |       | 1/3   |
| 43.    |      |       | 1/3   |
| 44.    |      |       | 1/3   |
| 45.    |      |       | 1/3   |

# MGE MAJOR w/ MANUFACTURING ENGINEERING CONCENTRATION (MGMF)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units  
 Residency Req.: Min. of 8 units must be completed at WPI.  
 No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| Depth Component  |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above.<br>Exception: May take all six courses in a foreign language. |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| Breadth Component  |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.  |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| Humanities Elective  |      |       |       |
| 6.   |      |       | 1/3   |

### PHYSICAL EDUCATION (4 PE classes = 1/3 units)

|     |  |  |      |
|-----|--|--|------|
| 7.1 |  |  | 1/12 |
| 7.2 |  |  | 1/12 |
| 7.3 |  |  | 1/12 |
| 7.4 |  |  | 1/12 |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

|             |  |  |     |
|-------------|--|--|-----|
| 8. MA 1021  |  |  | 1/3 |
| 9. MA 1022  |  |  | 1/3 |
| 10. MA 2611 |  |  | 1/3 |
| 11. MA 2612 |  |  | 1/3 |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

|     |  |  |     |
|-----|--|--|-----|
| 12. |  |  | 1/3 |
|-----|--|--|-----|

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

|     |  |  |     |
|-----|--|--|-----|
| 13. |  |  | 1/3 |
| 14. |  |  | 1/3 |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

|                               |  |  |     |
|-------------------------------|--|--|-----|
| 15. ECON 1110 or 1120 or 2910 |  |  | 1/3 |
| 16.                           |  |  | 1/3 |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

|     |        |  |     |
|-----|--------|--|-----|
| 17. | AY '26 |  | 1/3 |
| 18. | AY '26 |  | 1/3 |
| 19. | AY '26 |  | 1/3 |

### FINANCIAL COURSES (3/3 units)\*

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 20. ACC 2060                         |  |  | 1/3 |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |  |  | 1/3 |
| 22. OIE 2850                         |  |  | 1/3 |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

|                                    |  |  |     |
|------------------------------------|--|--|-----|
| 23. Any OBC (OBC 1010 recommended) |  |  | 1/3 |
| 24. Any MKT (MKT 4030 recommended) |  |  | 1/3 |
| 25.                                |  |  | 1/3 |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

|              |  |  |     |
|--------------|--|--|-----|
| 26. OIE 3020 |  |  | 1/3 |
| 27.          |  |  | 1/3 |
| 28.          |  |  | 1/3 |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 29. OIE 3420                         |  |  | 1/3 |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |  |  | 1/3 |
| 31.                                  |  |  | 1/3 |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

|     |  |  |     |
|-----|--|--|-----|
| 32. |  |  | 1/3 |
|-----|--|--|-----|

### MGE MAJOR w/ MFE CONCENTRATION (6/3 units)

Select five from: ES 2001, ME 1800, ME 2820, ME 3320, ME 3820, ME 4718, ME 4810, ME 4813, ME 4814, ME 4815, ME 4821, ME 4875

|                          |  |  |     |
|--------------------------|--|--|-----|
| 33. ETR 1100 or MKT 3640 |  |  | 1/3 |
| 34.                      |  |  | 1/3 |
| 35.                      |  |  | 1/3 |
| 36.                      |  |  | 1/3 |
| 37.                      |  |  | 1/3 |
| 38.                      |  |  | 1/3 |

### MAJOR QUALIFYING PROJECT (3/3 units)

|     |       |  |     |
|-----|-------|--|-----|
| 39. | A '26 |  | 1/3 |
| 40. | B '26 |  | 1/3 |
| 41. | C '27 |  | 1/3 |

Note: MQP must have a business focus related to Manufacturing Engineering.

### FREE ELECTIVES (4/3 units)

|     |  |  |     |
|-----|--|--|-----|
| 42. |  |  | 1/3 |
| 43. |  |  | 1/3 |
| 44. |  |  | 1/3 |
| 45. |  |  | 1/3 |

# MGE MAJOR w/ MECHANICAL ENGINEERING CONCENTRATION (MGME)

## Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

|               |                  |                                |
|---------------|------------------|--------------------------------|
| Name:         | Class Year: 2027 | Date tracking sheet completed: |
| Student ID #: | Advisor:         | 2 <sup>nd</sup> Major/Minor:   |

**NOTES:** Minimum academic credit = 15 units

Residency Req.: Min. of 8 units must be completed at WPI.

No course should appear more than once on this sheet, with the exception of PE courses.

### HUMANITIES AND ARTS REQUIREMENT (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum

| <b>Depth Component</b>   |      |       |       |
|--|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one must be at the 2000-level or above. |      |       |       |
| Exception: May take all six courses in a foreign language.   |      |       |       |
| Course   | Term | Grade | Units |
| 1.   |      |       | 1/3   |
| 2.   |      |       | 1/3   |
| 3.   |      |       | 1/3   |
| 4. HU 3900/3910 (taken last)   |      |       | 1/3   |
| <b>Breadth Component</b>   |      |       |       |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.                          |      |       |       |
| i. Art/art history, drama/theatre, music (AR, EN/TH, MU)   |      |       |       |
| ii. Foreign languages (AB, CN, EN, GN, SP)   |      |       |       |
| iii. Literature and writing, rhetoric (EN, WR, RH)   |      |       |       |
| iv. History and international studies (HI, HU, INTL)   |      |       |       |
| v. Philosophy and religion (PY, RE)  |      |       |       |
| 5.   |      |       | 1/3   |
| <b>Humanities Elective</b>   |      |       |       |
| 6.   |      |       | 1/3   |

### PHYSICAL EDUCATION (4 PE classes = 1/3 units)

|     |  |  |      |
|-----|--|--|------|
| 7.1 |  |  | 1/12 |
| 7.2 |  |  | 1/12 |
| 7.3 |  |  | 1/12 |
| 7.4 |  |  | 1/12 |

### MATHEMATICS (2/3 calculus + 2/3 statistics = 4/3 units)

|             |  |  |     |
|-------------|--|--|-----|
| 8. MA 1021  |  |  | 1/3 |
| 9. MA 1022  |  |  | 1/3 |
| 10. MA 2611 |  |  | 1/3 |
| 11. MA 2612 |  |  | 1/3 |

### COMPUTER SCIENCE (1/3 units) CS 1004, 1101, 1102 recommended.

|     |  |  |     |
|-----|--|--|-----|
| 12. |  |  | 1/3 |
|-----|--|--|-----|

Excluding CS 2022 and CS 3043

### BASIC SCIENCE (2/3 units) Courses with prefix: BB, CH, GE, PH

|     |  |  |     |
|-----|--|--|-----|
| 13. |  |  | 1/3 |
| 14. |  |  | 1/3 |

### SOCIAL SCIENCES (2/3 units) One from: DEV, ECON, ENV, GOV, PSY, SD, SOC, SS, STS or ID 2050

|                               |  |  |     |
|-------------------------------|--|--|-----|
| 15. ECON 1110 or 1120 or 2910 |  |  | 1/3 |
| 16.                           |  |  | 1/3 |

### NOTES

### THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

|     |        |  |     |
|-----|--------|--|-----|
| 17. | AY '26 |  | 1/3 |
| 18. | AY '26 |  | 1/3 |
| 19. | AY '26 |  | 1/3 |

### FINANCIAL COURSES (3/3 units)\*

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 20. ACC 2060                         |  |  | 1/3 |
| 21. FIN 2070 or FIN 1250 or FIN 3300 |  |  | 1/3 |
| 22. OIE 2850                         |  |  | 1/3 |

### MANAGERIAL COURSES (3/3 units)\*

Select one course from BUS 2020, MIS 3010, ETR, MKT, OBC

|                                    |  |  |     |
|------------------------------------|--|--|-----|
| 23. Any OBC (OBC 1010 recommended) |  |  | 1/3 |
| 24. Any MKT (MKT 4030 recommended) |  |  | 1/3 |
| 25.                                |  |  | 1/3 |

\*Two courses at 3000 level or above required across Financial and Managerial Courses.

### TECHNICAL COURSES (3/3 units)

Select two from: AE, BB, BME, CE (except 3022), CH, CHE, CS (except 3043), DS, ECE, ES (except 1000), GE, IE, MA, ME, PH, RBE (except 3100)

|              |  |  |     |
|--------------|--|--|-----|
| 26. OIE 3020 |  |  | 1/3 |
| 27.          |  |  | 1/3 |
| 28.          |  |  | 1/3 |

### ANALYTICS COURSES (3/3 units)

Select one from: BUS 2080 or OIE 2081, OIE 3460, OIE 3510, OIE 4430

|                                      |  |  |     |
|--------------------------------------|--|--|-----|
| 29. OIE 3420                         |  |  | 1/3 |
| 30. MIS 3720 or MIS 3787 or MIS 4084 |  |  | 1/3 |
| 31.                                  |  |  | 1/3 |

### TECHNICAL or ANALYTICS COURSE (1/3 unit)

Select one from remaining: Technical or Analytics Elective courses. (1/3 unit)

|     |  |  |     |
|-----|--|--|-----|
| 32. |  |  | 1/3 |
|-----|--|--|-----|

### MGE MAJOR w/ ME CONCENTRATION (6/3 units)

Select five from: ES 2001, 2501, 2502, 2503, 3001, 3003, 3004, ME 1800, 2300, 2820, 3820, 3901 or 3902, 4320, 4429, 4430

|                          |  |  |     |
|--------------------------|--|--|-----|
| 33. ETR 1100 or MKT 3640 |  |  | 1/3 |
| 34.                      |  |  | 1/3 |
| 35.                      |  |  | 1/3 |
| 36.                      |  |  | 1/3 |
| 37.                      |  |  | 1/3 |
| 38.                      |  |  | 1/3 |

### MAJOR QUALIFYING PROJECT (3/3 units)

|     |       |  |     |
|-----|-------|--|-----|
| 39. | A '26 |  | 1/3 |
| 40. | B '26 |  | 1/3 |
| 41. | C '27 |  | 1/3 |

Note: MQP must have a business focus related to Mechanical Engineering.

### FREE ELECTIVES (4/3 units)

|     |  |  |     |
|-----|--|--|-----|
| 42. |  |  | 1/3 |
| 43. |  |  | 1/3 |
| 44. |  |  | 1/3 |
| 45. |  |  | 1/3 |