

# MGE MAJOR w/ BIOMEDICAL ENGINEERING CONCENTRATION (MGBE)

## Program Tracking Sheet

Effective for students entering AY 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC

Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### MGE MAJOR w/ BME CONCENTRATION (6/3 units)

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

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			1/3

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

### FREE ELECTIVES (4/3 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 2023 (2022-2023)

Name:	Class Year: 2026	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
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC  
 Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### 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/ CUSTOM CONCENTRATION

## Program Tracking Sheet

Effective for students entering AY 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC  
 Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### MGE MAJOR w/ CUSTOM CONCENTRATION (6/3 units)

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			1/3

Note: MQP must have a business focus related to Custom Concentration.

### 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 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC

Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### MGE MAJOR w/ ECE CONCENTRATION (6/3 units)

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

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			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/ INDUSTRIAL ENGINEERING CONCENTRATION (MGIE)

## Program Tracking Sheet

Effective for students entering AY 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC  
 Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### MGE MAJOR w/ IE CONCENTRATION (6/3 units)

Select five from: MIS 3720, OIE 2081, 3405, 3410, 3460, 3510, 3600, 4410, 4430

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			1/3

Note: MQP must have a business focus related to Industrial 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 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC

Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### 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

29. ETR 1100 or MKT 3640			1/3
30. MIS 3720			1/3
31. MIS 4720			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			1/3

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

### 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 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC

Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### 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

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			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

# MGE MAJOR w/ MANUFACTURING ENGINEERING CONCENTRATION (MGMF)

## Program Tracking Sheet

Effective for students entering AY 2023 (2022-2023)

Name:	Class Year: 2026	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. 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.

12.			1/3
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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

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

### NOTES

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

17.	AY '24		1/3
18.	AY '24		1/3
19.	AY '24		1/3

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

20. BUS 2060			1/3
21. BUS 2070 or FIN 1250 or FIN 3300			1/3
22. OIE 2850			1/3

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

Select any course from: BUS 2020, BUS 3010, ETR, MKT, OBC  
 Recommended courses: BUS 1010, BUS 4030

23.			1/3
24.			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. BUS 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
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### MGE MAJOR w/ MFE 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

29. ETR 1100 or MKT 3640			1/3
30.			1/3
31.			1/3
32.			1/3
33.			1/3
34.			1/3

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

39.			1/3
40.			1/3
41.			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