

FINTECH MAJOR w/ GENERAL CONCENTRATION

Program Tracking Sheet

Effective for students entering AY 2024 (2023-2024)

Name:	Class Year: 2027	Date tracking sheet completed:
Student ID #:	Advisor:	2 nd 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

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 (5/3 units)

8. MA 1021			1/3
9. MA 1022			1/3
10. MA 2611			1/3
11. MA 2612			1/3
12. MA 2071 or MA 2072 or MA 2073			1/3

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

13.			1/3
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Excluding CS 2022 and CS 3043

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

14.			1/3
15.			1/3

SOCIAL SCIENCES (2/3 units)

16. ECON 1110			1/3
17. ECON 1120			1/3

NOTES

THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

18.	AY '26		1/3
19.	AY '26		1/3
20.	AY '26		1/3

BUSINESS FOUNDATION COURSES (4/3 units)

21. ACC 2060			1/3
22. BUS 2020			1/3
23. FIN 2070			1/3
24. OBC 1010 or OBC 3354 or OBC 4367			1/3

FINTECH FOUNDATION COURSES (3/3 units)

25. FIN 3300			1/3
26. FIN 3310			1/3
27. FIN 3330			1/3

TECHNICAL COURSES (3/3 units)

28. FIN 3730			1/3
29. MIS 2300			1/3
30. MIS 3787 or CS 4342			1/3

ANALYTICS COURSES (3/3 units)

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

31. BUS 2080			1/3
32. MIS 4084			1/3
33. OIE 3460 or OIE 3510 or OIE 4430			1/3

FINTECH MAJOR w/ GENERAL CONCENTRATION (6/3 units)

Select two from: ETR 1100, MIS 3010, OBC 1010 or OBC 4367

Select four from at least two of the available concentrations. See note 1 below.

34.			1/3
35.			1/3
36.			1/3
37.			1/3
38.			1/3
39.			1/3

MAJOR QUALIFYING PROJECT (3/3 units)

40.	AY '27		1/3
41.	AY '27		1/3
42.	AY '27		1/3

Note: MQP must have a business focus related to FINTECH.

FREE ELECTIVES (3/3 units)

43.			1/3
44.			1/3
45.			1/3

Note 1.

Financial Analytics: CS 3431, CS 4432, CS 4445, DS 1010, DS 2010, DS 3010, DS 4433, MIS 3720, OIE 2600, OIE 3510, OIE 3460, OIE 4430

Financial Technologies: CS 2022 or MA 2201, CS 2102 or CS 2119, CS 2223, CS 3516, CS 4120, CS 4341, CS 4404, CS 4516, CS 4518, CS 4801

Financial Mathematics: MA 2210, MA 2211, MA 2212, MA 2621, MA 3231, MA 3233, MA 4235, MA 4237, MA 4365, MA 464X

FINTECH MAJOR w/ FINANCIAL ANALYTICS CONCENTRATION

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 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

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 (5/3 units)

8. MA 1021			1/3
9. MA 1022			1/3
10. MA 2611			1/3
11. MA 2612			1/3
12. MA 2071 or MA 2072 or MA 2073			1/3

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

13.			1/3
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Excluding CS 2022 and CS 3043

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

14.			1/3
15.			1/3

SOCIAL SCIENCES (2/3 units)

16. ECON 1110			1/3
17. ECON 1120			1/3

THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

18.	AY '26		1/3
19.	AY '26		1/3
20.	AY '26		1/3

BUSINESS FOUNDATION COURSES (4/3 units)

21. ACC 2060			1/3
22. BUS 2020			1/3
23. FIN 2070			1/3
24. OBC 1010 or OBC 3354 or OBC 4367			1/3

FINTECH FOUNDATION COURSES (3/3 units)

25. FIN 3300			1/3
26. FIN 3310			1/3
27. FIN 3330			1/3

TECHNICAL COURSES (3/3 units)

28. FIN 3730			1/3
29. MIS 2300			1/3
30. MIS 3787 or CS 4342			1/3

ANALYTICS COURSES (3/3 units)

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

31. BUS 2080			1/3
32. MIS 4084			1/3
33. OIE 3460 or OIE 3510 or OIE 4430			1/3

FINTECH MAJOR w/ FA CONCENTRATION (6/3 units)

Select two from: ETR 1100, MIS 3010, OBC 1010 or OBC 4367

Select four from: CS 3431, CS 4432, CS 4445, DS 1010, DS 2010, DS 3010, DS 4433, MIS 3720, OIE 2600, OIE 3510, OIE 3460, OIE 4430

34.			1/3
35.			1/3
36.			1/3
37.			1/3
38.			1/3
39.			1/3

MAJOR QUALIFYING PROJECT (3/3 units)

40.	AY '27		1/3
41.	AY '27		1/3
42.	AY '27		1/3

Note: MQP must have a business focus related to FINTECH.

FREE ELECTIVES (3/3 units)

43.			1/3
44.			1/3
45.			1/3

NOTES

FINTECH MAJOR w/ FINANCIAL TECHNOLOGIES CONCENTRATION

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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

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 (5/3 units)

8. MA 1021			1/3
9. MA 1022			1/3
10. MA 2611			1/3
11. MA 2612			1/3
12. MA 2071 or MA 2072 or MA 2073			1/3

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

13.			1/3
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Excluding CS 2022 and CS 3043

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

14.			1/3
15.			1/3

SOCIAL SCIENCES (2/3 units)

16. ECON 1110			1/3
17. ECON 1120			1/3

THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

18.	AY '26		1/3
19.	AY '26		1/3
20.	AY '26		1/3

BUSINESS FOUNDATION COURSES (4/3 units)

21. ACC 2060			1/3
22. BUS 2020			1/3
23. FIN 2070			1/3
24. OBC 1010 or OBC 3354 or OBC 4367			1/3

FINTECH FOUNDATION COURSES (3/3 units)

25. FIN 3300			1/3
26. FIN 3310			1/3
27. FIN 3330			1/3

TECHNICAL COURSES (3/3 units)

28. FIN 3730			1/3
29. MIS 2300			1/3
30. MIS 3787 or CS 4342			1/3

ANALYTICS COURSES (3/3 units)

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

31. BUS 2080			1/3
32. MIS 4084			1/3
33. OIE 3460 or OIE 3510 or OIE 4430			1/3

FINTECH MAJOR w/ FT CONCENTRATION (6/3 units)

Select two from: ETR 1100, MIS 3010, OBC 1010 or OBC 4367

Select four from: CS 2022 or MA 2201, CS 2102 or CS 2119, CS 2223, CS 3516, CS 4120, CS 4341, CS 4404, CS 4516, CS 4518, CS 4801

34.			1/3
35.			1/3
36.			1/3
37.			1/3
38.			1/3
39.			1/3

MAJOR QUALIFYING PROJECT (3/3 units)

40.	AY '27		1/3
41.	AY '27		1/3
42.	AY '27		1/3

Note: MQP must have a business focus related to FINTECH.

FREE ELECTIVES (4/3 units)

43.			1/3
44.			1/3
45.			1/3

NOTES

FINTECH MAJOR w/ FINANCIAL MATHEMATICS CONCENTRATION

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Depth Component

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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)
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- 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 (5/3 units)

8. MA 1021			1/3
9. MA 1022			1/3
10. MA 2611			1/3
11. MA 2612			1/3
12. MA 2071 or MA 2072 or MA 2073			1/3

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

13.			1/3
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Excluding CS 2022 and CS 3043

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

14.			1/3
15.			1/3

SOCIAL SCIENCES (2/3 units)

16. ECON 1110			1/3
17. ECON 1120			1/3

THE INTERACTIVE QUALIFYING PROJECT (3/3 units)

18.	AY '26		1/3
19.	AY '26		1/3
20.	AY '26		1/3

BUSINESS FOUNDATION COURSES (4/3 units)

21. ACC 2060			1/3
22. BUS 2020			1/3
23. FIN 2070			1/3
24. OBC 1010 or OBC 3354 or OBC 4367			1/3

FINTECH FOUNDATION COURSES (3/3 units)

25. FIN 3300			1/3
26. FIN 3310			1/3
27. FIN 3330			1/3

TECHNICAL COURSES (3/3 units)

28. FIN 3730			1/3
29. MIS 2300			1/3
30. MIS 3787 or CS 4342			1/3

ANALYTICS COURSES (3/3 units)

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

31. BUS 2080			1/3
32. MIS 4084			1/3
33. OIE 3460 or OIE 3510 or OIE 4430			1/3

FINTECH MAJOR w/ FM CONCENTRATION (6/3 units)

Select two from: ETR 1100, MIS 3010, OBC 1010 or OBC 4367

Select four from: MA 2210, MA 2211, MA 2212, MA 2621, MA 3231, MA 3233, MA 4235, MA 4237, MA 4365, MA 464X

34.			1/3
35.			1/3
36.			1/3
37.			1/3
38.			1/3
39.			1/3

MAJOR QUALIFYING PROJECT (3/3 units)

40.	AY '27		1/3
41.	AY '27		1/3
42.	AY '27		1/3

Note: MQP must have a business focus related to FINTECH.

FREE ELECTIVES (3/3 units)

43.			1/3
44.			1/3
45.			1/3

NOTES