

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Current Phone: \_\_\_\_\_

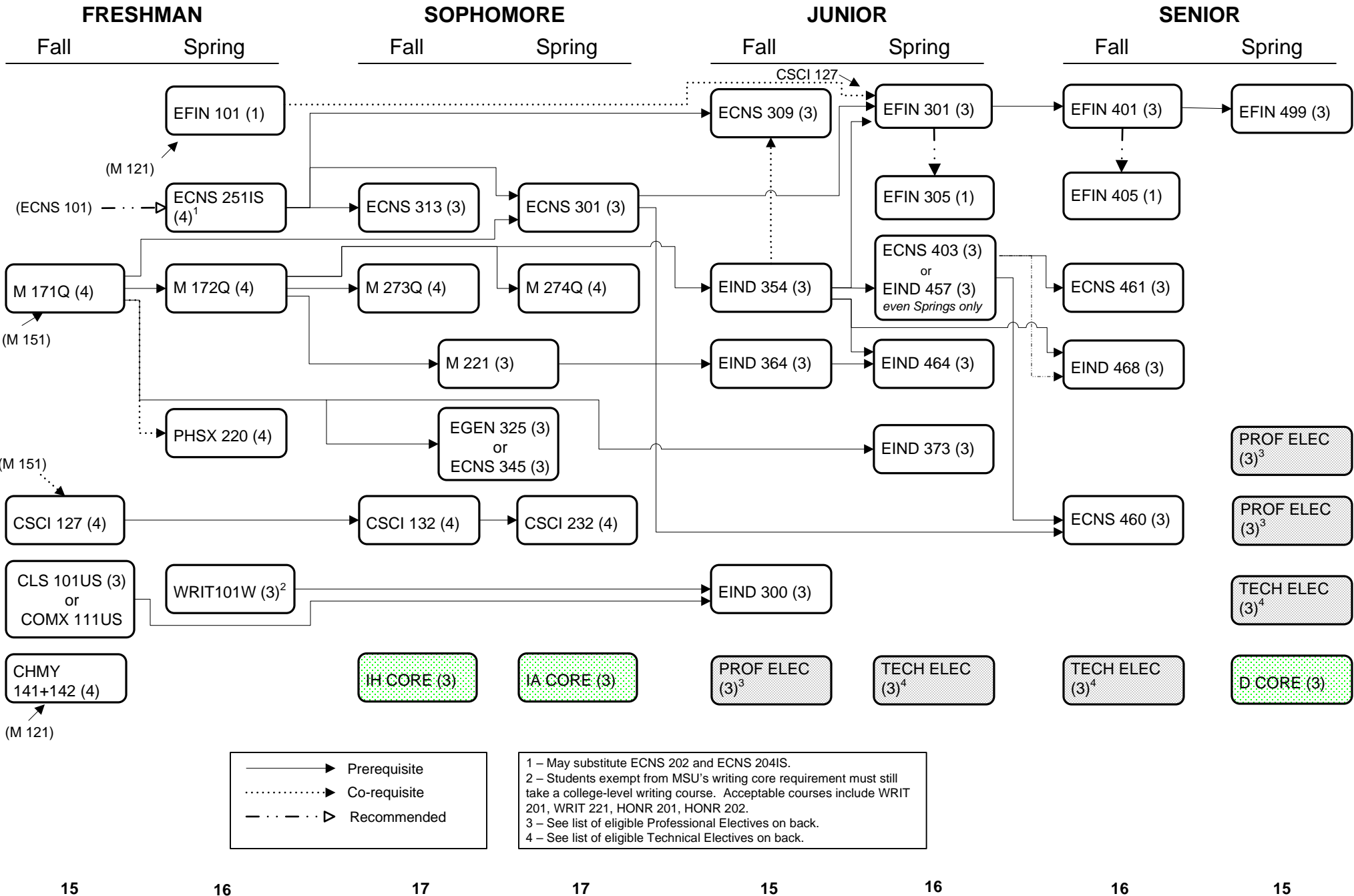
# Financial Engineering Curriculum

## 2023-24 Catalog

Revised 06-07-2023 Distributed for planning purposes only.

Target Graduation Date: \_\_\_\_\_

Current Email: \_\_\_\_\_



**MSU Core 2.0 Checklist**

In order to fulfill the Core 2.0 requirements for MSU, in addition to courses required for the degree, EFIN students must complete 3 credits each of Diversity (D), Inquiry-Humanities (IH), and Inquiry-Arts (IA).

Core	Course Code	Cr.	Sem.	Gr.
D				
IH / RH				
IA / RA				

**Professional Electives Tracker**

9 credits required. Choose from among the following: AGBE 321, AGBE 421, AGBE 445, BFIN 420R, BFIN 435, BFIN 452, BFIN 456, BFIN 458, BFIN 460, BFIN 491, BGEN 361, BMGT 405, ECNS 303, ECNS 310, ECNS 312, ECNS 314, ECNS 316, ECNS 317, ECNS 320, ECNS 332, ECNS 403, ECNS 432R, ECNS 451, ECNS 490R, ECNS 492, EGEN 310R, EGEN 492, EIND 425, EIND 434.

Note: May substitute EIND 373 and ECNS 345 or EGEN 325 for BFIN 322 prerequisite, and substitute ECNS 313 for BFIN 357 prerequisite. May not double count ECNS 403 as PE and to satisfy EIND 457 substitution.

Course Code	Cr.	Sem.	Gr.

**Technical Electives Tracker**

9 credits required. Choose from among the following: CSCI 347, CSCI 440, CSCI 446, CSCI 447, ECNS 501, ECNS 502, ECNS 560, ECNS 561, ECNS 562, EIND 422, EIND 455, EIND 458, EIND 477, ESOF 322, ESOF 422, ESOF 522, M441, STAT 408, STAT 421.

Course Code	Cr.	Sem.	Gr.

**Common Minors/Certificates/Master's**

Because of the interdisciplinary nature of the major, EFIN students can often complete a minor with only a few additional courses if professional and technical electives are chosen carefully. Requirements for some common minors, graduate certificates, and master's programs are listed below. The relationship to EFIN major courses is indicated as follows:

- (R) - required course for EFIN majors
- (PE) - professional elective
- (TE) - technical elective

See MSU catalog for official requirements.

**Economics Minor**

Must complete an additional 9 credits upper-level electives above Fin. Eng. major requirements (excludes AGBE 353).

**Grad. Cert. in Applied Economic Analysis**

ECNS 501, ECNS 502, ECNS 561, and ECNS 562. May not double count courses as TE.

**Engineering Management Minor**

May obtain minor without additional courses if student takes: ECNS 345 or EGEN 325 (R), EIND 434 (TE), EIND 457 (R), and BGEN 361 (PE).

**Accelerated Master's Program in IE**

Fin Eng. + Eng. Man. minor students are eligible.

**Computer Science Minor (non-teaching)**

May obtain minor by taking:

1. Three CSCI courses as TEs.
2. Two additional CSCI courses (any level).

**Mathematics Minor (non-teaching)**

May obtain minor by taking:

1. M441 (TE) and STAT 421 (TE).
2. One additional upper-level math/stat course.

**Data Science Minor**

Take STAT 337 and two upper-level required electives as TEs. May substitute STAT 216 with EIND 354 and EIND 457 or ECNS 403 may count as one upper-level DS elective. Contact Math Sci Depart for substitution approval on a case-by-case basis.

**Agricultural Business Minor**

May obtain minor by taking:

1. AGBE 321 (PE) and AGBE 345 (R).
2. Two upper-level AGBE/ECNS courses (PE).

**Finance Minor**

May obtain minor by taking:

1. BMIS 211 and ACTG 201.
2. Three upper-level BFIN courses (PE).

**International Business Minor**

BGEN 210 <sup>a</sup>	3
BGEN 242D	3
ECNS 251 (R)	4
BMKT 325 or BMGT 335 <sup>a</sup> or BFIN 322 <sup>a</sup>	6
BMKT 441 or BMGT 464 or BFIN 452	6
<b>Total</b>	<b>30</b>

<sup>a</sup> Substitutions may be possible -- see College of Business Office of Student Services.