

Name: _____

Student ID: _____

Current Phone: _____

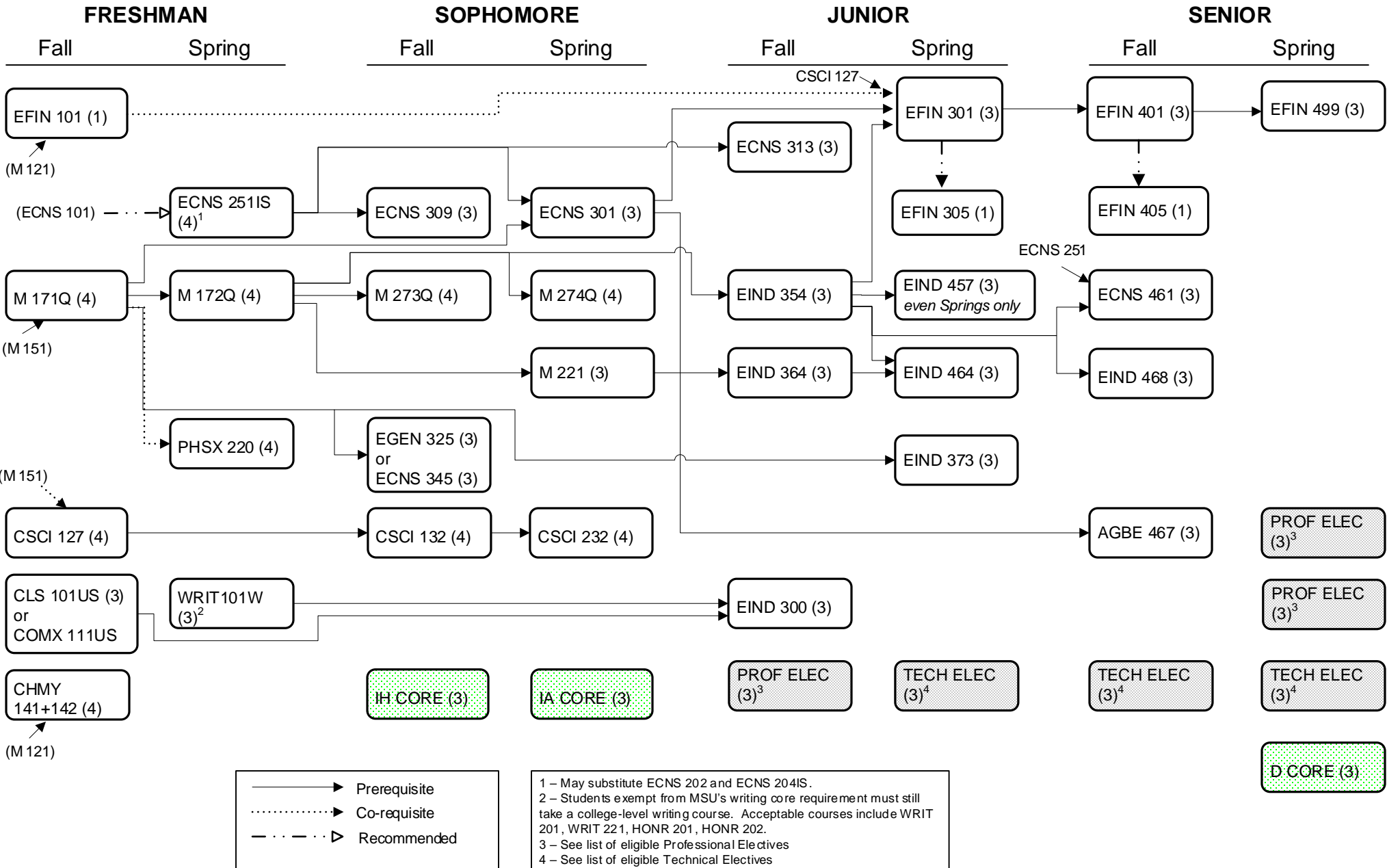
Financial Engineering Curriculum

2021-22 Catalog

Revised 07-08-2021 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 courses: BFIN 420R, BFIN 435, BFIN 452, BFIN 456, BFIN 458, BFIN 460, BGEN 361, BMGT 405, ECNS 314, ECNS 317, ECNS 320, ECNS 403R, ECNS 432R, ECNS 451, ECNS 490R, ECNS 492, EGEN 310R, EGEN 492, EIND 425, EIND 434.

Note: May substitute EIND 373 and ECNS 345 for BFIN 322 prerequisite, and substitute ECNS 313 for BFIN 357 prerequisite.

Course Code	Cr.	Sem.	Gr.

Technical Electives Tracker

9 credits required. Choose from among the following courses: CSCI 347, CSCI 440, CSCI 446, CSCI 447, ECNS 501, ECNS 502, 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 minor requirements.

Economics Minor

Must complete an additional 9 credits at the 300 level or above in AGBE/ECNS electives over and above all requirements for graduation with a major in Financial Engineering.

Grad. Cert. in Applied Economic Analysis

12 credits: AGBE 467, ECNS 561, ECNS 562, and 1 elective. Cannot double count undergrad courses.

Engineering Management Minor

EIND 354 (R)	3
M 172 (R)	4
EGEN 325 (R)	3
EIND 300 (R)	3
EIND 373 (R)	3
EIND 434 (PE)	3
Technical problem-solving elective (TE)	3
Managerial electives (R, PE)	6
Total	28

Accelerated Master's Program in IE

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

Computer Science Minor

CSCI 127 (R)	4
CSCI 132 (R)	4
CSCI 232 (R)	4
Upper Div. CS courses (TE)	9
Other CS courses	6
Total	27

Data Science Minor

CSCI 127 (R)	4
CSCI 132 (R)	4
CSCI 232 (R)	4
M 221 (R)	3
STAT 216Q ¹	3
STAT 217Q ²	3
DS minor electives ³ (TE)	9
Total	30

¹ Substitution of EIND 354 is possible.

² Substitutions of EIND 457 is possible.

³ Substitutions be possible.

Finance Minor

ECNS 101IS and ECNS 204IS ²	6
BMIS 211	3
ACTG 201	3
ACTG 202 ² or 223	3
STAT 216Q ²	3
BFIN 322	3
BFIN 357 ²	3
Business Finance electives (PE)	6
Total	30

² Substitutions may be possible -- see College of Business Office of Student Services.

International Business Minor

BGEN 210 ²	3
BGEN 242D	3
ECNS 251IS (R)	4
BMKT 325 or BMGT 335 ² or BFIN 322 ²	6
BMKT 441 or BMGT 464 or BFIN 452	6
Total	30

² Substitutions may be possible -- see College of Business Office of Student Services.

Mathematics Minor

M 171Q (R)	4
M 172Q (R)	4
M 221 (R)	3
M 273Q (R)	4
M 274 (R)	4
Other math courses (TE)	9
Total	28