Engineering and the Calvin Core (for Spring 2024 Advising)

Core Options Sheet for students starting in Fall 2021 and Fall 2022

Core Foundations

- **CORE 100** (2 or 3 SH) Community and Commitments – taken by all students in the first semester (fall)
- Foundations of Christianity I – **REL 121 or REL 131** (3 or 4 SH) – typically taken by students in the second or third semesters of the model program
- **Foundations of Christianity II** (2 SH minimum) – options from ENGL, HIST, PHIL, and REL

Competencies and Skills

- Foundational Writing – **ENGL 101** (3 or 4 SH) or ENGL 100/102 (but this would require a course taken in the summer in order to complete the program in 4 years) – typically taken by students in the second or third semesters of the model program
- **Health and Movement** (2 SH) – one credit of Fitness and Wellness, and one credit of Recreation, Sport, and Skill (one exemption possible for intercollegiate athletics)
- World Languages I – *the typical expectation is that this will be satisfied by 3 years of language in HS with grades of B or better (the model program does not include space for language courses to fill WL I)*
  - For the incoming classes up to fall 2023, 2 years of language with C or better is being accepted for this requirement

Knowledge and Understanding: 8 courses from at least 5 categories (superscripts denote categories 1-6)

1. Natural Sciences[1] – **CHEM 101 or 103 and lab** (required in program)
2. Natural Sciences[1] – **PHYS 133 and lab** (required in program)
3. Mathematical Sciences[2] – **MATH 171** (required in program)
4. Arts and Rhetoric[3] – **IDIS 102** (2 SH) or COMM 100 (4 SH) (required in program)
5. Social and Behavioral Sciences[4] – **ECON 151/191/221/222/232/233** (required in program)
6. **One course** must be from the Humanities[5] or World Languages II[6] categories
7. 8. **Two courses** can be from Humanities[5], Arts and Rhetoric[3], World Languages II[6], or Social and Behavioral Sciences[4]

- Unless a student plans to satisfy the three core tags in some other way, each of the above three courses **MUST BE TAGGED**.
- Note that courses within a category must be taken from different disciplines (e.g. IDIS 102 is part of the "Oral and Visual Rhetoric" discipline and a second Arts and Rhetoric course would need to be taken from one of the other disciplines). See the University Catalog for details.

Cross-Disciplinary Integration

- Engaged Citizenship Commitments: Students must plan to satisfy the three core tags below
  - Tag 1) Diversity and Difference
  - Tag 2) Environmental Sustainability
  - Tag 3) Global Regions and Cultures
- Contemporary Challenges and Enduring Questions – **ENGR 339/340** (required in program)

Fall 2024 Offerings (as of 3/4/2024)
The "Find Course Sections – by course tags" report in Workday can be used to find course sections and times.

Core Category	Discipline	Courses – no tags	Diversity and Difference tag	Environmental Sustainability tag	Global Regions and Cultures tag
K&U: Humanities	Classics				
	Literature	ENGL 200, 235(2), 325, 330	ENGL 205(2)		ENGL 300
	History	HIST 151, 152, 153(2)	HIST 229		HIST 242, 262
	Philosophy	PHIL 151(2), 153, 205 PHIL 235(2)	PHIL 137(2), 153B PHIL 207, 225		
	Theory/Criticism	COMM 254(2), 305 POLS 110(2), 240			
	Religion	REL 263			
K&U: Social Sciences	Economics	ECON 191(2), 221(2), 222(2)		ECON 233	ECON 237(2)
	Geography		GEO 101		GEO 110
	Political Science	POLS 151(2), 219(2), 229(2) POLS 234, 238(2)			POLS 214, 217
	Psychology	PSYC 151			
	Sociology and Social Work	SOC 202, 203(2)	SOC 151(2) SOWK 240(2)		SOC 130
K&U: Arts and Rhetoric	Oral/Vis Rhetoric	ART 153(2), COMM 101OL1 IDIS 102(2)	COMM 101	COMM 101E	
	Performing Arts	Music Ensembles, THTR 120A MUSC 100(2), 103(2)	MUSC 203		
	Visual Arts	ARTH 131(2), COMM 248 ARTS 250, 251, 254, 256, 258 COMM 145, 180(2), 190(2)			ARTH 241(2)
	Creative Writing				
Foundations of Christianity II		ENGL 250(2), PHIL 251 REL 213, 222(2), 223 REL 230, 232, 235(2), 243			
Tagged Courses	Basic Science Electives			BIOL 160, 364 GEO 151, 251, PHYS 131(2)	BIOL 364
	Engineering			ENGR 303L, 306	
	Other			ENST 210, CHEM 172(2) IDIS 184(2), 212, SCM 201	IDIS 212