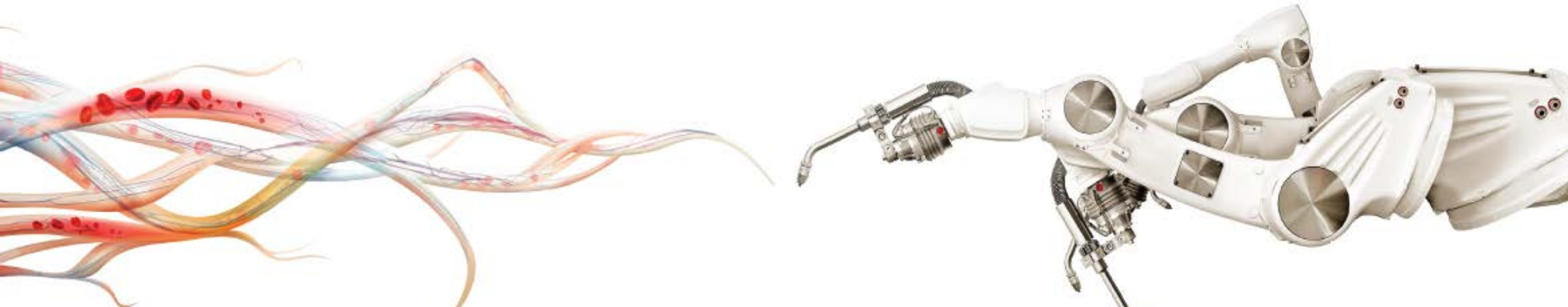


New College. New Medicine.

The first College of Medicine specifically designed
at the intersection of engineering and medicine.



Proposal to Establish a Doctor of Medicine Professional Degree Program (MD) in the Carle Illinois College of Medicine.

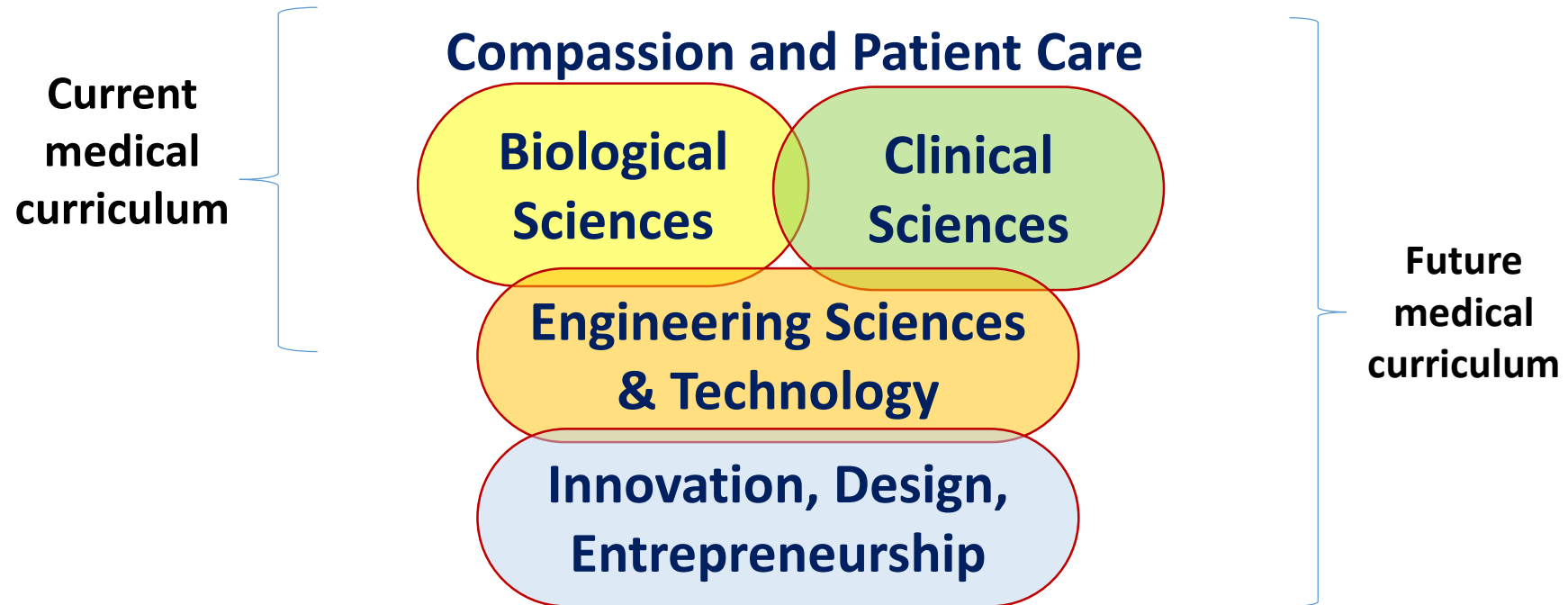
Rashid Bashir, PhD

**Abel Bliss Professor of Engineering, Head - Dept. of Bioengineering,
University of Illinois**

Robert Good, DO, FACOI

**Medical Director, Clinical Integration Operations, Carle Health Systems
And Curriculum Committee**

Medical Education: Present and Future

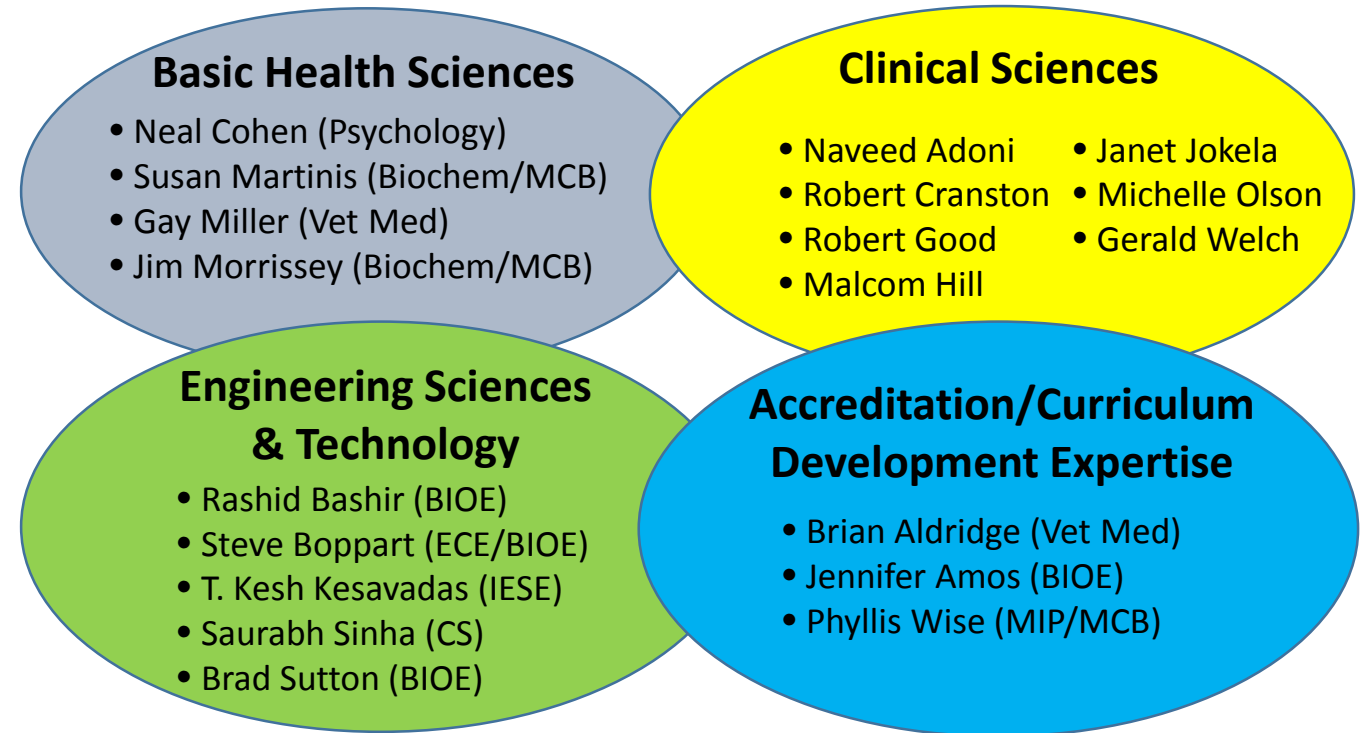


Core Curriculum Workgroup Membership

draft

Co-Chairs: Rashid Bashir & Robert Good

- Brian Aldridge (Vet Med)
- Jennifer Amos (BIOE)
- Rashid Bashir (BIOE)
- Steve Boppart (ECE/BIOE)
- Neal Cohen (Psychology)
- T. 'Kesh' Kesavadas (IESE)
- Susan Martinis (MCB)
- Gay Miller (Vet Med)
- James Morrissey (MCB)
- Saurabh Sinha (CS)
- Brad Sutton (BIOE)
- Phyllis Wise (MCB)
- Naveed Adoni (Cardiology)
- Robert Cranston (Neurology)
- Robert Good (Internal Medicine)
- Malcom Hill (Pediatrics)
- Janet Jokela (Internal Medicine, McKinley)
- Michelle Olson (Surgery)
- Gerald Welch (Psychiatry)



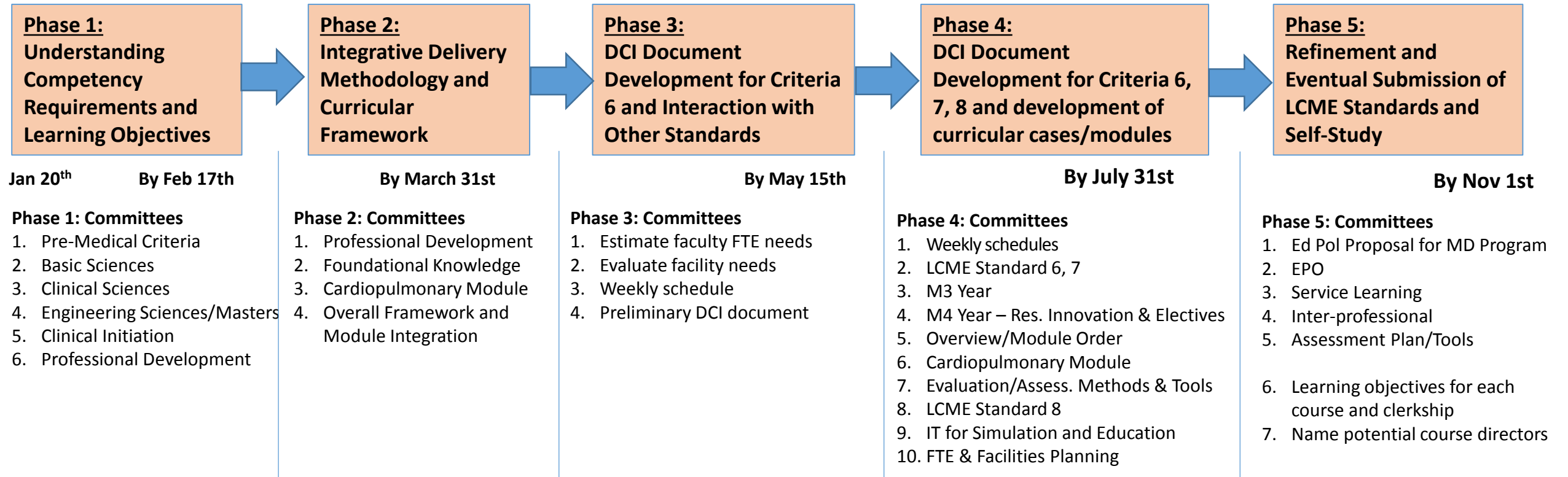
Additional Interactions:

- Dan Morrow, Educational Psych
- Andy Singer, TEC/Innovation
- Sam Frost, Bio-humanities
- Mark Henderson, John Towns, Campus IT
- ...

Ex-Officio: Kayla Banks, Normand Paquin, Meredith Minehart

PWC Consultants: Terri Workman, Sarah Fogel, Amy Yu

Process Overview (to date)



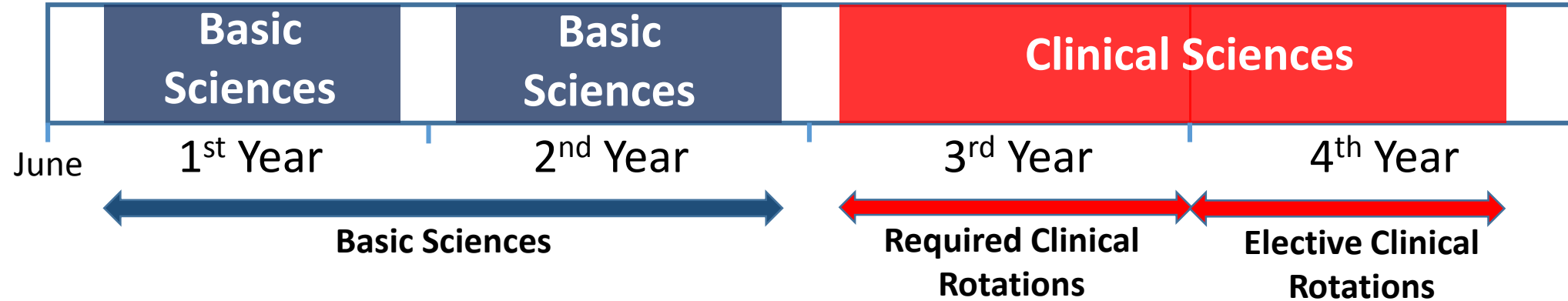
**Liaison Committee for Medical Education (LCME) is
National Accreditation for Schools of Medicine**

LCME accredits MD degree program curriculum and the College of Medicine

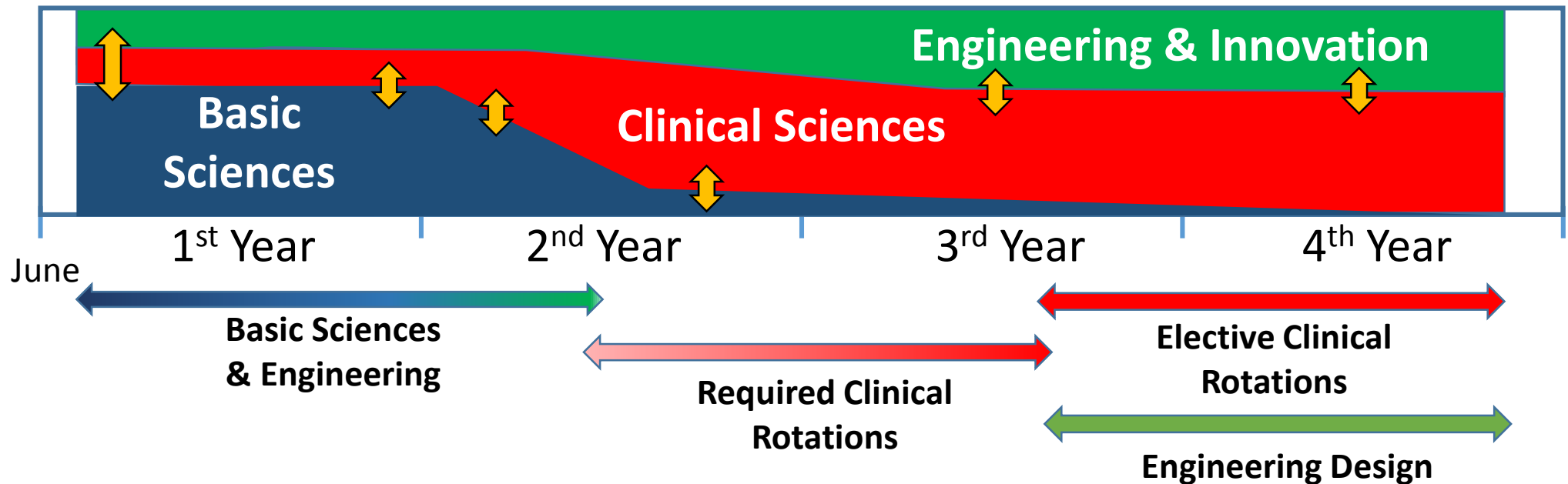
No students will be recruited, let alone admitted, until LCME accreditation has been obtained

Curriculum Framework

Flexner Report, 1910



Our Model, 2016



M1 Year



2018-2019

	7/2/18	7/9/18	7/16/18	7/23/18	7/30/18	8/18	8/13/18	8/20/18	8/27/18	9/3/18	9/10/18	9/17/18	9/24/18	10/1/18	10/8/18	10/15/18	10/22/18	10/29/18	11/5/18	11/12/18	11/19/18	11/26/18	12/3/18	12/10/18	12/17/18	12/24/18	12/31/18	1/7/19	1/14/19	1/21/19	1/28/19	2/4/19	2/11/19	2/18/19	2/25/19	3/4/19	3/11/19	3/18/19	3/25/19	4/1/19	4/8/19	4/15/19	4/22/19	4/29/19	5/6/19	5/13/19	5/20/19	5/27/19	6/3/19	6/10/19	6/17/19	6/24/19	
JumpStart	Foundational Elements 6 weeks							Break	Cardiovascular 6 weeks						Respiratory 5 weeks					Renal	Thanksgiving	Renal 5 weeks					Winter Break	NeuroMuscular 6 weeks						Brain & Behavior 5 weeks					Spring Break	Brain	Movement 6 weeks						Digestion 4 weeks				Nutrition & Metabolism 3 weeks		
	Engineering Innovation								Engineering Innovation											Engineering Innovation					Engineering Innovation																												
	Professional Development							Professional Development											Professional Development					Professional Development																													
	Digital Population Health							Physical Diagnosis											Physical Diagnosis					Physical Diagnosis																													
	Clinical Integration							Clinical Integration											Clinical Integration					Clinical Integration																													

M2 Year



2019-2020

	7/1/16	7/8/19	7/15/19	7/22/19	7/29/19	8/5/19	8/12/19	8/19/19	8/26/19	9/2/19	9/9/19	9/16/19	9/23/19	9/30/19	10/7/19	10/14/19	10/21/19	10/28/19	11/4/19	11/11/19	11/18/19	11/25/19	12/2/19	12/9/19	12/16/19	12/23/19	12/30/19	1/6/20	1/13/20	1/20/20	1/27/20	2/3/20	2/10/20	2/17/20	2/24/20	3/2/20	3/9/20	3/16/20	3/23/20	3/30/20	4/6/20	4/13/20	4/20/20	4/27/20	5/4/20	5/11/20	5/18/20	5/25/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20
JumpStart	Endocrinology 4 weeks				Reproduction 3 weeks			Break	Women's Health 4 weeks				Obstetrics 4 weeks				Hematology & Oncology 4 weeks				Immunology	Thanksgiving	Infection/ Immunology 4 weeks				Winter Break	Step 1 Review 4 weeks				Step 1 Exam	Time of Discovery 3 weeks			Internal Medicine 10 weeks										Surgery 8 weeks							
	Engineering Innovation								Engineering Innovation											Eng. Inv				Engineering Innovation																													
	Professional Development							Professional Development											Prof. Devel				Professional Development																														
	Family Medicine Clerkship							Family Medicine Clerkship											Clerkship				Professional Development																														
	Family Medicine Clerkship							Family Medicine Clerkship											Clerkship				Professional Development																														

M3 Year 2020-2021

7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20	9/7/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/26/20	11/2/20	11/9/20	11/16/20	11/23/20	11/30/20	12/7/20	12/14/20	12/21/20	12/28/20	1/4/21	1/11/21	1/18/21	1/25/21	2/1/21	2/8/21	2/15/21	2/22/21	3/1/21	3/8/21	3/15/21	3/22/21	3/29/21	4/5/21	4/12/21	4/19/21	4/26/21	5/3/21	5/10/21	5/17/21	5/24/21	5/31/21	6/7/21	6/14/21	6/21/21	6/28/21								
M3 Elective 2 weeks	OB-Gyn 6 weeks						M3 Electives 4 weeks			Pediatrics 4 weeks			M3 Electives 6 weeks			Neuro 4 weeks			Winter Break										Anesthesia 2 weeks	Psych 4 weeks			Break										Internal Medicine II or Surgery II 4 weeks				M4 Clinical Electives 13 weeks												
Engineering Innovation																								Engineering Innovation		Engineering Innovation																																	
Professional Development																								Professional Development		Professional Development																																	
																								Engineering Rounds																																			

M4 Year 2021-2022

7/5/21	7/12/21	7/19/21	7/26/21	8/2/21	8/9/21	8/16/21	8/23/21	8/30/21	9/6/21	9/13/21	9/20/21	9/27/21	10/4/21	10/11/21	10/18/21	10/25/21	11/1/21	11/8/21	11/15/21	11/22/21	11/29/21	12/6/21	12/13/21	12/20/21	12/27/21	1/3/22	1/10/22	1/17/22	1/24/22	1/31/22	2/7/22	2/14/22	2/21/22	2/28/22	3/7/22	3/14/22	3/21/22	3/28/22	4/4/22	4/11/22	4/18/22	4/25/22	5/2/22	5/9/22					
M4 Engineering Electives 8 weeks								M4 Clinical Electives 8 weeks								Unscheduled Time and Interviews 10 weeks								Winter Break										Research Electives 12 weeks										M4 Clinical Electives 5 weeks					Graduation
Engineering Innovation																								Engineering Innovation																									
Professional Development																								Professional Development																									
Engineering Rounds										IDEA Projects														Capstone Project, Data Science Project																									

Next steps following Senate approval

- University Senates Conference (USC)
- Board of Trustees
- Illinois Board of Higher Education (IBHE)
- Liaison Committee for Medical Education (LCME) Preliminary Accreditation
- Higher Learning Commission

Carle

ILLINOIS



Questions