



# Longitudinal Integrated Curriculum Student Guide 2021-2022

## **Director of Rural Medical Education**

Kerwyn L. Flowers, DO

Phone: 850-645-9828

Email: [kerwyn.flowers@med.fsu.edu](mailto:kerwyn.flowers@med.fsu.edu)

## **Marianna Clerkship Administrator**

John D. Byrd, MD

Phone: 850-415-8185

Email: [docjbyrd22@gmail.com](mailto:docjbyrd22@gmail.com)

# Contents

Overview .....	3
LIC Boot Camp .....	3
Community Medicine.....	3
Doctoring 3 .....	3
Scheduled Hours/On-Call .....	4
Clerkship Specific Instructions.....	4
General Surgery and Obstetrics and Gynecology Clerkships.....	4
Family Medicine, Internal Medicine, Pediatrics and Psychiatry Clerkships .....	4
Patient Log.....	4
Project Submissions and Timelines.....	4
White Space.....	4
Appropriate Activities .....	4
Documentation .....	4
White Space during Surgical Clerkships .....	5
FLEX Electives .....	5
Formative Exams.....	5
National Self-Assessment Services (NSAS) .....	5
End of Clerkship Exams .....	5
Evaluation.....	6
Formative .....	6
Summative.....	6
Grade Assignment.....	6
Transition to Regional Campus.....	6
Choice of Regional Campus .....	6
Early Transition .....	6
Geriatrics .....	6

# Overview

The Marianna LIC is designed to provide M3 students an equivalent educational experience to the traditional block clerkship model, delivering it in a style that lends itself to more continuity over time with both patients, and faculty. **The LIC Academic Year is split into two semesters.** The First Semester will run from Mid-June through Mid-October. The Second Semester will run from Mid-November through the end of March. Community Medicine will be included in a 2-week block prior to the start of the First Semester. The first flextime elective will be delivered in a block fashion upon completion of the first semester, and the second upon completion of the second semester. The Internal Medicine, Family Medicine, Psychiatry, and Pediatrics clerkships will span the entire LIC year, while General Surgery and Obstetrics and Gynecology will be single semester clerkships. The graphic below demonstrates the courses over time.

AY2021-2022 LIC Rotation Calendar									
First Semester					Second Semester				
6/1-6/3	6/4	6/7-6/18	6/21-6/25	6/28-10/22	10/25-11/19	11/22-12/17	12/20-12/31	1/3-4/8	4/11-5/6
Regional Campus Orientation	Community Medicine Orientation Day	Community Medicine	LIC Bootcamp	Pediatrics	Flex Elective 1	Pediatrics	Winter Break	Pediatrics	Flex Elective 2
				Family		Family		Family	
				Psychiatry		Psychiatry		Psychiatry	
				Internal		Internal		Internal	
				Surgery/OBGYN		Surgery/OBGYN		Surgery/OBGYN	
				Independent Learning		Independent Learning		Independent Learning	
3 days	1 day	10 days	5 days	17 weeks	4 weeks	4 weeks	10 days	14 weeks	4 weeks

Students participating in the 6 core clerkships, Community Medicine, Doctoring 3 and flextime electives, as part of the **Longitudinal Integrated Curriculum (LIC)** are expected to master the same content and complete the same activities as students participating in traditional block clerkships. The primary differences are in clerkship logistics and deadlines, not requirements or course objectives.

## LIC Boot Camp

LIC students will attend orientation at the Tallahassee Regional Campus during the designated orientation week. On **Monday June 21, 2021**, students will meet Drs. Flowers and Byrd for the 5-day LIC boot camp at Jackson Hospital. This boot camp is an intensive orientation to the hospital, with the goal of providing each student with the basic skills they need to navigate the LIC curriculum. During the week, students will practice taking histories and performing physical examinations on hospitalized patients under the supervision of Clerkship Faculty. Each morning there will be a “morning report”, during which the students will give presentations, and practice assessment and plan skills. Students will participate in skills labs to include Foley catheter placement, IV insertion, suturing/knot tying, prescription writing, EMR documentation, sterile technique and basic fetal monitoring.

## Community Medicine

Students will be enrolled in Community Medicine during the first 2 weeks of the LIC, completing all requirements prior to the start of the LIC boot camp. Available agencies from Community Medicine include but are not limited to Florida Department of Health, Kindred Home Health, Covenant Hospice and Jackson County Fire and Rescue.

## Doctoring 3

Most D3 Didactic sessions will be facilitated by the LIC Clerkship Administrator at Jackson Hospital, although students will occasionally travel to the Tallahassee Regional Campus to participate with a larger group of students. Students participating in D3 as part of the LIC will complete the Quality Improvement (QI) group project required by the D3

syllabus. There is no separate Longitudinal Clinical Experience requirement for students completing D3 as part of the LIC.

## Scheduled Hours/On-Call

Students will work full days in the clinical setting and will take call according to the Clerkship syllabi. The Clerkship Administrator at the Marianna rural training site will supervise and determine the call schedule.

## Clerkship Specific Instructions

### ***General Surgery and Obstetrics and Gynecology Clerkships***

- Because the Surgery and OB/Gyn Clerkships are semester-long courses, one week in a traditional block is equivalent to 3 weeks in the LIC curriculum.
- Most students will spend 2 half-days per week, with one half-day in the ambulatory setting and the other half-day in the operating room/hospital setting.
- Due to staffing availability, students **may be required to complete their OBGYN rotation in a traditional block format**. If so, the student will complete the OBGYN rotation as a 6-week block, returning to the LIC curriculum thereafter.

### ***Family Medicine, Internal Medicine, Pediatrics and Psychiatry Clerkships***

- These are two-semester courses that span most of the academic year.
- They may be delivered as one half-day every week, or an entire day every other week.

## Patient Log

Students participating in the LIC are responsible for documenting all required encounters, problems and procedures as indicated in the syllabi for each of the 6 core M3 clerkships. Students will record requirements in the Encounter Tracking System (ETS) as instructed in the Clerkship syllabi. Requirements for types of problems and procedures are “universal” in that patients seen in one setting will count as cumulative requirements. For example, bacterial vaginosis diagnosed and treated in Family Medicine can be counted toward Obstetrics and Gynecology requirements as well. Patient encounter entry will be monitored throughout the year and progress discussed with the Clerkship Administrator during the formative evaluations for each course. Students should enter patient encounter data into the Encounters Tracking System (ETS) on a *daily* basis.

## Project Submissions and Timelines

Students participating in the LIC are responsible for completing the same required assignments and projects as students participating in block clerkships. Progress on each project will be monitored and discussed during the formative evaluation for that specific clerkship. *Timelines for submission of projects for clerkships should be adjusted accordingly, and any project may be completed and submitted advance of the deadlines.*

## White Space

Throughout the year students are assigned three (3) half-day blocks of independent learning or “white space” time per week, designated for **experiential learning**. This allows students to individualize their learning experience, enhancing self-directed learning which is essential for the life-long learning required of a physician.

### ***Appropriate Activities***

Students will identify and participate in activities in the clinical setting under the guidance of the Clerkship Administrator. These activities may span one hour to an entire half-day and may occur in the ambulatory or inpatient setting. Examples include but are not limited to emergency department, operating room, labor and delivery, nursery, radiology, laboratory, special care unit and clinical time with faculty. Extra time for reading or study is not an acceptable use of “white space” time.

### ***Documentation***

Educational activities completed during white space time must be documented in the Encounters Tracking system. One

activity per half-day is the minimum requirement, and students are encouraged to record all activities in which they participate. ETS documentation must be complete by 5:00 pm on the Sunday following the activity, and will be monitored on a weekly basis by the Director of Rural Medical Education

**White Space during Surgical Clerkships**

One half-day of white space is built into the schedule following designated OR days on both the General Surgery and Obstetrics and Gynecology Clerkships. This allows for flexibility so students are able to participate in all operative cases scheduled. If the operative cases encompass the entire White Space afternoon, it must be documented as such. If cases are completed prior to the end of the day, the student will engage in another suitable activity to fill the remainder of the four-hour White Space block for that day.

## FLEX Electives

Flex electives will be offered at the end of the first and second semesters. All core clerkship requirements must be completed prior to the beginning of the second Flex elective and are listed below. Students may take electives in Marianna or Tallahassee, based on student interest and availability of faculty.

Required Item	Requirement Met	Requirement Not Met
LIC related coursework	Assignments complete and submitted.	Flex time will be used for remediation
Patient encounter requirements	Complete and recorded in ETS	
NBME Clinical Subject Exams	Exam completed	
Professionalism	Faculty evaluations demonstrate consistent professional behavior. Student has completed all course and faculty evaluations.	

## Formative Exams

All M3 core clerkships require a mid-rotation formative exam, although the format varies by clerkship. Students will consult the specific clerkship syllabus to determine what is expected. For Family Medicine, Internal Medicine and Psychiatry, the formative exam should be taken by the end of the first semester. For Pediatrics, there are 5 formative quizzes that should be dispersed across the first semester. The formative exams for Obstetrics & Gynecology and Surgery should be taken mid-point during the semester in which the clerkship is taken.

**National Self-Assessment Services (NSAS)**

The [NBME's Self-Assessment Services \(NSAS\)](#) Clinical Science Mastery Series offers a \$20 clerkship-specific exam preparation that includes in-depth answer explanations. Students may purchase an NSAS examination for any clerkship. Students in academic need should contact their Student Support Coordinator for more information on the institutional paid voucher availability policy.

## End of Clerkship Exams

Students participating in the LIC will have the option to begin NBME Subject Examination testing for the core clerkships in September. It is strongly suggested that one NBME Subject Examination be completed in September. **NBME Clinical Subject Examinations for Internal Medicine and Family Medicine must be taken in the 2<sup>nd</sup> Semester.** Completion of the NBME Clinical Subject Examination for Surgery or Obstetrics and Gynecology taken in the first semester of the year will be required prior to the start of the second semester. It is strongly encouraged that each student takes at least 3 exams prior to Winter Break.

First attempts at all 6 required clerkship NBME Subject Examinations should be completed by April 8, 2022 to allow for potential remediation during the Second Flextime Block. The decision regarding when to take an end-of-clerkship exam should be made after consultation with the LIC Clerkship Administrator with additional input from other faculty advisors as needed.

Each student must submit a list of preferred test dates for the First Semester to the Tallahassee Regional Campus Student Support Coordinator by August 2, 2021, and a list of preferred test dates for the Second Semester by November

15, 2021. Testing will be coordinated with end-of-clerkship testing for students at the Tallahassee Regional Campus, typically conducted on the last Friday of a Clerkship.

## Evaluation

### **Formative**

A mid-clerkship evaluation is completed at the mid-point of the Clerkship by the Clerkship Director and Clerkship Administrator and will provide feedback to the student on progress in the clerkship. This will include progress toward achievement of clerkship objectives, competencies, assignments and required encounters. See the Canvas M.D. Clerkships AY 2021-2022 site for student user workflow guide.

- Formative evaluations will occur for the Family Medicine, Internal Medicine, Pediatrics and Psychiatry Clerkships after completion of the first semester.
- Since both Obstetrics/Gynecology and Surgery Clerkships are single semester clerkships, there will be a formative evaluation at the midpoint of each course.

### **Summative**

An evaluation of student clinical performance will be completed by the assigned Clerkship Faculty at the end of the clerkship, as well as by the resident the student worked with during the clerkship. A final summative report will be completed by the Clerkship Director at the end of the clerkship. The Education Director will review all components of the clerkship and include an assessment of each in the final grade summary.

## Grade Assignment

Students participating in the LIC will receive an Incomplete, or “I” at the end of both semesters. The final grade is assigned by the Education Director and is based on all aspects of the clerkship, including clinical performance, attitude and performance during the weekly meetings with the Clerkship Director, and the results of the NBME Clinical Subject Exam. There are no grade quotas, and it is possible for any student to earn the grade of honors.

## Transition to Regional Campus

### **Choice of Regional Campus**

Students participating in the LIC have a choice of regional campus for their final year of medical school, if space is available. This selection must be communicated to the Student Support Coordinator at the Tallahassee Regional Campus by July 1 to ensure accommodations can be made.

### **Early Transition**

Students have the option to make the transition to regional campus for the second FLEX elective, provided all Clerkship and LIC requirements have been met. Request for early transition to the regional campus must be requested in writing to the Regional Campus Dean and Student Support Coordinator 10 weeks prior to anticipated move, and is not guaranteed. Students should be aware that an early transition might lead to additional expenses related to broken or extended leases.

### **Geriatrics**

Geriatrics may be completed in Marianna early in the final year of medical school, although early approval is necessary. Interested students must contact the Education Director for Geriatrics, the Rural Medical Education Director and the Clerkship Administrator in Marianna early in the second semester.