

# STEM Teach

## QUICK LOOK: SUMMER 2023 Offerings

BIOLOGY	Teacher Level	University	Semester	Dates	Format	Registration	Credits
BIOL 503 Systems Biology	9-12	Indiana Wesleyan University	Summer I 2023	5/2/23 - 6/26/23	Asynchronous	Closed	3
BIOL 691 Advanced Human Anatomy	9-12	Indiana State University	Summer I 2023	6/12/23 - 6/30/23	In Person/Combo	Closed	3
BIOL 504 Genetics	9-12	Indiana Wesleyan University	Summer II 2023	6/27/23 - 8/21/23	Asynchronous	Closed	3
CHEMISTRY	Teacher Level	University	Semester	Dates	Format	Registration	Credits
CHEM T 520 Organic Synthesis	9-12	Indiana University	Full Semester	6/5/23 - 7/29/23	Asynchronous	Closed	3
CHEM T 550 Introductory Biochemistry	9-12	Indiana University	Full Semester	6/5/23 - 7/29/23	Asynchronous	Closed	3
CHEM T 590 Chemistry Capstone (Prereq 9 grad hrs in Chemistry)	9-12	Indiana University	Full Semester	6/5/23 - 7/29/23	Asynchronous	Closed	3
MATH	Teacher Level	University	Semester	Dates	Format	Registration	Credits
MATH 520 Number Theory	9-12	University of Indianapolis	Full Semester	5/15/23 - 8/18/23	Asynchronous	Closed	3
MATH 501 Linear Algebra	9-12	Indiana Wesleyan University	Summer I	5/2/23 - 6/26/23	Asynchronous	Closed	3
MATH 506 Modern Algebra	9-12	Indiana Wesleyan University	Summer I	5/2/23 - 6/26/23	Asynchronous	Closed	3
MATH 604 Fundamentals of Geometry	9-12	University of Southern Indiana	Summer I	5/15/23 - 6/16/23	Asynchronous	Closed	3
MATH 502 Abstract Algebra	9-12	Indiana Wesleyan University	Summer II	6/27/23 - 8/21/23	Asynchronous	Closed	3
MATH 611 Introduction to Analysis for Secondary Teachers	9-12	University of Southern Indiana	Summer II	6/26/23 - 7/28/23	Asynchronous	Closed	3
PHYSICS	Teacher Level	University	Semester	Dates	Format	Registration	Credits
PHYS 503 Electromagnetism	9-12	Indiana Wesleyan University	Summer I	5/2/23 - 6/26/23	Asynchronous	Closed	3
PHYS 505 Quantum Mechanics II	9-12	Indiana Wesleyan University	Summer I	5/2/23 - 6/26/23	Asynchronous	Closed	3
PHYS 504 Quantum Mechanics I	9-12	Indiana Wesleyan University	Summer II	6/27/23 - 8/21/23	Asynchronous	Closed	3
PHYS 506 Thermodynamics and Statistical Methods	9-12	Indiana Wesleyan University	Summer II	6/27/23 - 8/21/23	Asynchronous	Closed	3
PSYCHOLOGY	Teacher Level	University	Semester	Dates	Format	Registration	Credits
MPSY 5400 Advanced Counseling Theory	9-12	Indiana Tech	Summer I	6/5/23 - 7/16/23	Asynchronous	Closed	3
MPSY 6800 Advanced Biopsychology	9-12	Indiana Tech	Summer II	7/24/23 - 9/3/23	Asynchronous	Closed	3
TECHNOLOGY	Teacher Level	University	Semester	Dates	Format	Registration	Credits
IT 533 Data Mining & Applications	9-12	Valparaiso University	Summer I	5/16/23 - 6/23/23	Asynchronous	Closed	3
IT 600 Ethics in Information Technology	9-12	Valparaiso University	Summer II	6/26/23 - 8/4/23	Asynchronous	Closed	3
INTEGRATING STEM IN K-12 CLASSROOMS (Master's Completion for 9-12 & Graduate Certificate for K-12)	Teacher Level	University	Semester	Dates	Format	Registration	Credits
EDUC 654 Designing & Implementing a STEM Project Based Learning Unit	K-12	University of Indianapolis	Summer I	5/16/23 - 6/30/23	Asynchronous	Closed	3
EDCI 53900 Introduction to K-12 Integrated Science, Technology, Engineering, & M	K-12	Purdue University	Summer I	5/1/23 - 6/25/23	Asynchronous	Closed	3
EDUC 655 STEM Methods	K-12	University of Indianapolis	Summer II	7/3/23 - 8/18/23	Asynchronous	Closed	3
EDCI 55850 Engineering Design Practicum	K-12	Purdue University	Summer II	6/26/23 - 8/20/23	Asynchronous	Closed	3
CONFERENCES	Teacher Level	Location	Semester	Date(s)	Format	Status	Credits
TBA	K-12	TBA	Full Semester	TBA	In Person	Closed	PGP
TBA	K-12	TBA	Full Semester	TBA	In Person	Closed	PGP
CLASSROOM KITS	Teacher Level	Location	Semester	Dates	Grade Level	Registration	Credits
Squishy Circuit Classroom Kit	K-5	N/A	Summer	N/A	Elementary	Closed	N/A
Makedo Classroom Kit	6-8	N/A	Summer	N/A	Junior High	Closed	N/A
Biochemistry I Classroom Kit	9-12	N/A	Summer	N/A	High School	Closed	N/A

**Notes:**

Cancellations are possible as a minimum number of registrants are needed for each course. Check course descriptions and syllabi posted at [https://stemteachindiana.org/offerings\\_courses/](https://stemteachindiana.org/offerings_courses/) to ensure all prerequisites are met. Click on the course name above to go directly to the online course page. Teachers may register for one Full Semester course or one course each in Summer I and Summer II. Additionally, teachers may register for one classroom kit and one conference per semester. [Details on future course offerings will be available in Summer 2023.](#)