# STEM Teach

## Sneak Peek: Fall 2023 Offerings

| BIOLOGY | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| BIOL 581 Genome Science | 9-12 | Indiana State University | Full Semester | 8/22/23 - 12/15/23 | Asynchronous | Closed | 3 |
| BIOL 501 Biological Chemistry | 9-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| BIOL 506 Microbiology | 9-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| BIOL 502 Cell Biology | 9-12 | Indiana Wesleyan University | Fall II | 10/17/23 - 12/11/23 | Asynchronous | Closed | 3 |

| CHEMISTRY | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| CHEM 530 Organic Spectroscopy | 9-12 | Indiana University | Full Semester | 8/21/23 - 12/15/23 | Asynchronous | Closed | 3 |
| CHEM 540 Physical Chemistry | 9-12 | Indiana University | Full Semester | 8/21/23 - 12/15/23 | Asynchronous | Closed | 3 |

| MATH | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| MATH 641 Number Theory & Applications | 9-12 | University of Southern Indiana | Full Fall | 8/21/23 - 12/15/23 | Asynchronous | Closed | 3 |
| MATH 530 Abstract Algebra | 9-12 | University of Indianapolis | Full Fall | 8/28/23 - 12/16/23 | Asynchronous | Closed | 4 |
| MATH 501 Linear Algebra | 9-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| MATH 505 Statistical Methods | 9-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| MATH 502 Abstract Algebra | 9-12 | Indiana Wesleyan University | Fall II | 10/17/23 - 12/11/23 | Asynchronous | Closed | 3 |

| PHYSICS | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| PHYS 505 Quantum Mechanics II | 9-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| PHYS 506 Thermodynamics and Statistical Methods | 9-12 | Indiana Wesleyan University | Fall II | 10/17-23 - 12/11/23 | Asynchronous | Closed | 3 |

| PSYCHOLOGY | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| MPSY 5100 Multicultural Psychology | 9-12 | Indiana Tech | Fall I | 9/4/23 - 10/15/23 | Asynchronous | Closed | 3 |
| MPSY 6000 Psychopathology | 9-12 | Indiana Tech | Fall II | 10/16/23 - 11/26/23 | Asynchronous | Closed | 3 |

| TECHNOLOGY | Teacher Level | University | Semester | Dates | Format | Registration | Credits |
|---|---|---|---|---|---|---|---|
| CS 617 Introduction to Programming | 9-12 | Ball State University | Full Semester | 8/19/23 - 12/15/23 | Asynchronous | Closed | 3 |
| IT 510 Introduction to Information Technology | 9-12 | Valparaiso University | Full Semester | 8/23/23 - 12/15/23 | Asynchronous | Closed | 3 |
| TECH 501 Digital Media | K-12 | Indiana Wesleyan University | Fall I | 8/22/23 - 10/16/23 | Asynchronous | Closed | 3 |
| TECH 502 Digital Content | K-12 | Indiana Wesleyan University | Fall II | 10/17/23 - 12/11/23 | 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 656 Teacher Engineering Education | K-12 | University of Indianapolis | Fall II | 10/25/23 - 12/20/23 | Asynchronous | Closed | 3 |
| EDCI 54900 Assessment in STEM | K-12 | Purdue University | Fall II | 10/16/23 - 12/10/23 | Asynchronous | Closed | 3 |

| CONFERENCES | Teacher Level | Location | Semester | Date(s) | Format | Status | Credits |
|---|---|---|---|---|---|---|---|
| TBA | K-12 | TBA | Full Semester | TBA | In Person | Closed | PGP |

| CLASSROOM KITS | Teacher Level | Location | Semester | Dates | Grade Level | Registration | Credits |
|---|---|---|---|---|---|---|---|
| Keva Brain Builders Classroom Kit | K-5 | N/A | Fall | N/A | Elementary | Closed | N/A |
| 3 Doodler Create+ Pen Set and 3Doodler Project Book Classroom Kit | 6-8 | N/A | Fall | N/A | Junior High | Closed | N/A |
| DNA Necklace Classroom Kit | 9-12 | N/A | Fall | 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/ 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 Fall I and Fall II. Additionally, teachers may register for one classroom kit and one conference per semester.