FREE ONLINE RESEARCH METHODS COURSES

Topic	Course topic	Link to the course
General	Research for impact	https://www.coursera.org/learn/research-for-impact
	Population Health: Syndemics (mixed methods are included here)	https://www.coursera.org/learn/syndemics
	Foundations: Data, Data, Everywhere	https://www.coursera.org/learn/foundations-data
	Science Literacy	https://www.coursera.org/learn/science-literacy
	Social Media for Science Communication	https://www.coursera.org/lecture/designing-effective-science-communication/social-media-for-science-communication-jahjD
	Best Practices for Using Social Media to Optimize and Disseminate Research	https://cn.coursera.org/lecture/health-equity-research/best-practices-for-using-social-media-to-optimize-and-disseminate-research-8D1a3
	Designing Effective Science Communication	https://www.coursera.org/learn/designing-effective-science-communication
Scientific writing	Writing in the Sciences	https://www.coursera.org/learn/sciwrite
	How to Write and Publish a Scientific Paper (Project-Centered Course)	https://www.coursera.org/learn/how-to-write-a-scientific-paper
Research ethics	Overview of ethical principles of research	https://www.coursera.org/lecture/research-humanitarian/overview-of-ethical-principles-of-research-wkFcp
	Artificial Intelligence: Ethics & Societal Challenges	https://www.coursera.org/learn/ai-ethics
Biostatistics courses	Summary Statistics in Public Health	https://www.coursera.org/learn/summary-statistics
	Clinical Epidemiology	https://www.coursera.org/learn/clinical-epidemiology
	Biostatistics in Public Health Specialization	https://www.coursera.org/specializations/biostatistics-public-health

	Understanding Clinical Research: Behind the Statistics	https://www.coursera.org/learn/clinical-research
	Statistical Analysis with R for Public Health Specialization	https://www.coursera.org/specializations/statistical-analysis-r-public-health
	Advanced Statistics for Data Science Specialization	https://www.coursera.org/specializations/advanced-statistics-data-science
	Design and Interpretation of Clinical Trials	https://www.coursera.org/learn/clinical-trials
	Doing Clinical Research: Biostatistics with the Wolfram Language	https://www.coursera.org/learn/clinical-research-biostatistics-wolfram
	Inferential Statistics	https://www.coursera.org/learn/inferential-statistics-intro
	Introduction to longitudinal data studies	https://www.coursera.org/lecture/power-sample-size/1-2-introducing-longitudinal-studies-LHoes
	Specialized Models: Time Series and Survival Analysis	https://www.coursera.org/learn/time-series-survival-analysis
	The Kappa Statistic	https://es.coursera.org/lecture/measurement-systems-analysis/the-kappa-statistic-kzGpg
	Intercoder Reliability (& Problems)	https://www.coursera.org/lecture/qualitative-data-analysis-with-maxqda-software/intercoder-reliability-problems-Hr4NS
Epidemiology courses	Epidemiology: The Basic Science of Public Health	https://www.coursera.org/learn/epidemiology
	Epidemiology for Public Health Specialization	https://www.coursera.org/specializations/public-health-epidemiology
	GIS, Mapping, and Spatial Analysis Specialization	https://www.coursera.org/specializations/gis-mapping-spatial-analysis
Qualitative research	Qualitative research	https://www.coursera.org/learn/qualitative-methods
Implementation science	Translating Research to Communities	https://www.coursera.org/learn/translating-research-to-communities
	Nominal group technique	https://gb.coursera.org/lecture/six-sigma-organization-advanced/nominal-group-technique-h3vQD
	The Delphi method	https://pt.coursera.org/lecture/judgmental-business-forecasting-in-excel/the-delphi-method-tJ1rR

	Discrete Choice Analysis: Predicting Individual Behavior and Market Demand - (Course Fee: $4,900)	https://professional.mit.edu/course-catalog/discrete-choice-analysis-predicting-individual-behavior-and-market-demand
	Dissemination problems	https://gb.coursera.org/lecture/quantitative-methods/6-08-dissemination-problems-DOR8p
Evidence synthesis	Introduction to Systematic Review and Meta-Analysis	https://www.coursera.org/learn/systematic-review
	Writing and Disseminating Grey Literature	https://www.coursera.org/learn/writing-and-disseminating-grey-literature
	How to translate research findings into policy and practice? Examples of good practices	https://fr.coursera.org/lecture/research-humanitarian/how-to-translate-research-findings-into-policy-and-practice-examples-of-good-FxOCo
Molecular modeling	Modeling and Simulation	https://www.coursera.org/lecture/modeling-simulation-natural-processes/modeling-and-simulation-F7vas
	Designing biological systems: Computational modelling and systems biology	https://www.coursera.org/lecture/industrial-biotech/designing-biological-systems-computational-modelling-and-systems-biology-7BBj4
	Biology Meets Programming: Bioinformatics for Beginners	https://www.coursera.org/learn/bioinformatics
	Whole genome sequencing of bacterial genomes - tools and applications	https://www.coursera.org/learn/wgs-bacteria
Training and Resources in Research Ethics Evaluation (TRREE)	Ethics courses offered: • Introduction to Research Ethics • Research Ethics Evaluation • Informed Consent • Good Clinical Practice (Access to the training module itself remains free. Only the delivery of the GCP module Certificate will be charged) • HIV Vaccine Trials • Adolescent Involvement in HIV prevention trials • Public Health Research Ethics	https://elearning.trree.org/