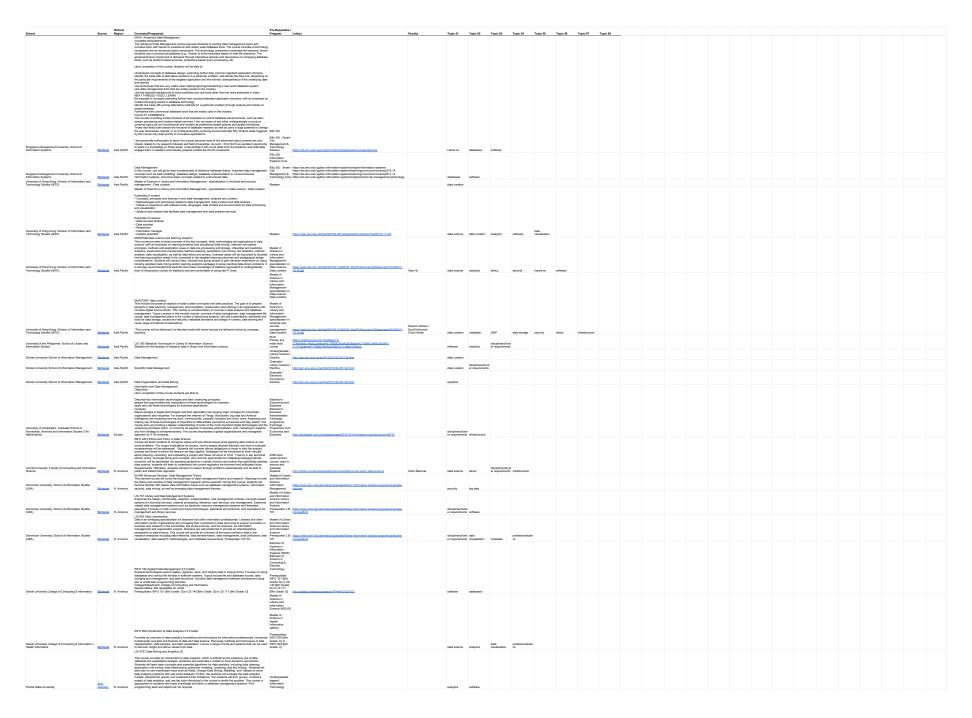
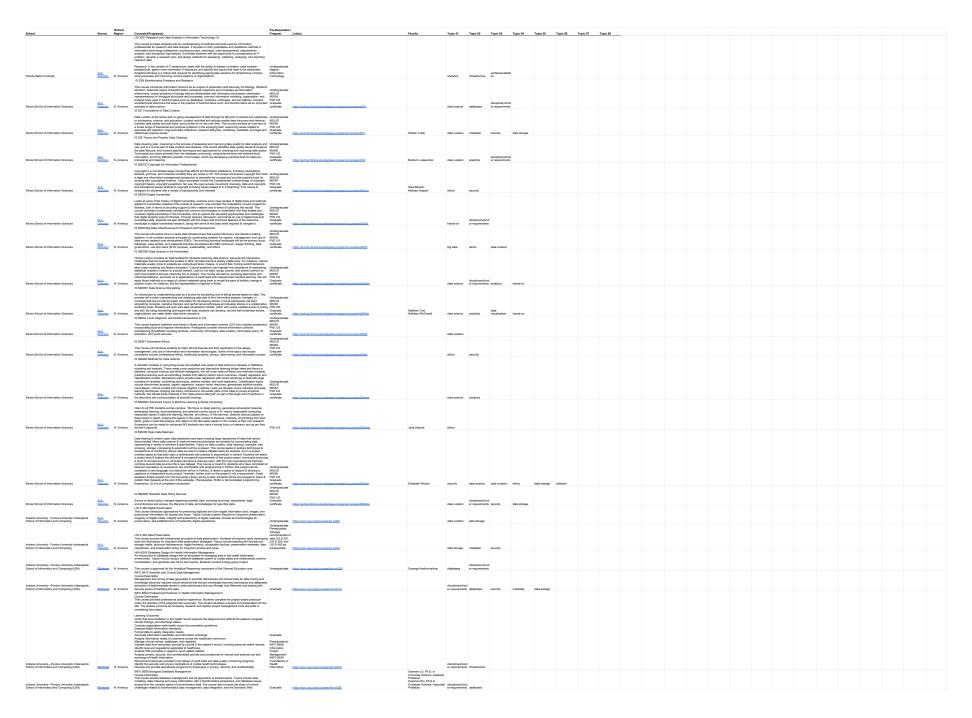
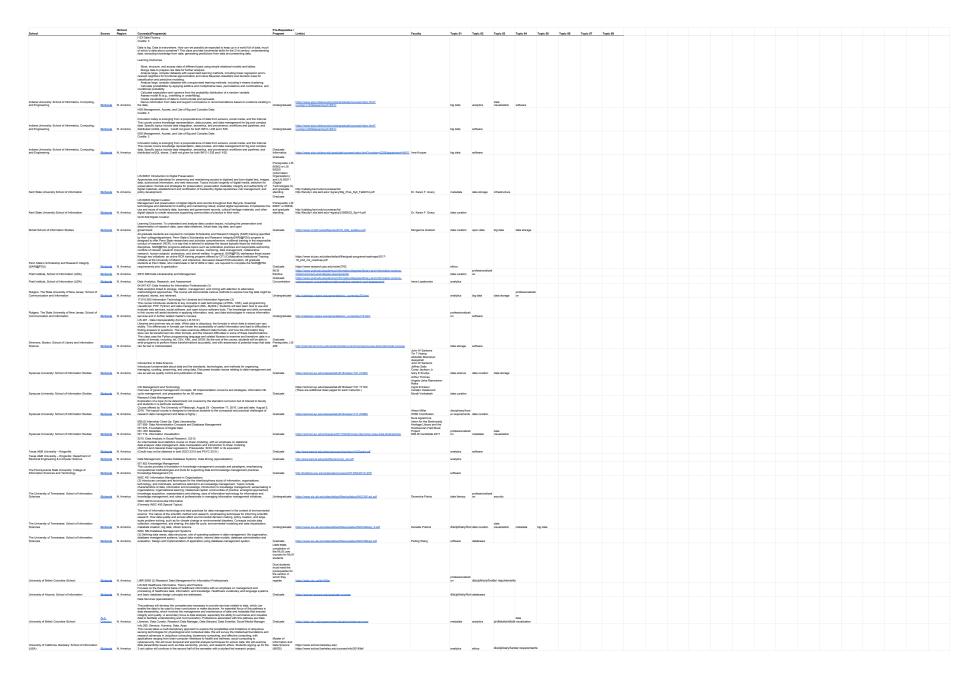
School	Source Region	CounsigNProgram(s) White I have been been been been been been been be	Pre-Requisites Program	Link(s) Faculty Topic	c 01	Topic 02 T	opic 03 Topic 04 Topic 05	opic 66 Topic	: 07 Topic 06				
		INV-61 An introduction to Lists standagement: Governance, Standards & Ethics (s)  Data has always been an organisational asset, however, with organisations and individuals now producing											
		and use data effectively. In this subject, students will develop an understanding of the issues involved in data management including planning infrastructure, and programmy industry the control of data and its	·										
		lifecycle. Students are also challenged to consider the range of issues related to handling data, including records security data research, also should be ranged to consider the range of index distribution.											
		Learning Colonnes											
		Learning Outcomes Upon successful completion of this subject, students should: be able to define data and identify the role of data in organizational, cultural, technological, legal, business											
		on table 50 climbi clare and centry for not or clare an operanecerus, custum, secromogous, eggs, custum, the adia to discrimbian unfamiliarities of both Proventicul and practical liseaus in data manyagement; be adia to discrimbe date consequis, terms, tools and technologies; the adia to discrimbian unfamiliarities of the works of clid data grass generated and used; the adia to discrimbian unfamiliarities with event of clid data grass generated and used; collaboration and the use.											
		be able to describe data concepts, terms, tools and technologies; be able to demonstrate understanding of the variety of data types generated and used;											
		be able to critically analyse the challenges associated with data management and data sharing for collaboration and re-use;											
		les als le toverlaghe das management ressench and submological leveds.  2) he adopt of come for belowing laptics.  The dates environment 1 Dates organizations  The dates environment 1 Dates organizations  The date environment 2 Dates organizations  The dates environment 2 declarates, repositions, excluding and  Dates dates environment 2 declarates, repositions, excluding and  Dates dates of the dates of t											
		The data environment 1: Data organisations The data environment 2: Tupes of data, data lifecucie models	Graduate Certificate in Data Management										
		The data environment 3: databases, repositories, architectures Roles in data: data scientist, data manager, data custior, information architect	Data Management										
		Data and information governance Data standards	Master of										
		The legal and regulatory environment. Data ethics	Information Studies (Data										
Charles Start University: School of Information Studies	Schools Asia Pacific	Collecting, using, publishing, licensing, and citing data Current trends and professional practices in data management	Management) - required	bilg illenne cau edu au handbook hubjecta INT461 himi big da	tota	data curation in	frastructure ethics security	da storage					
		The large land regulatory environment (Carlette, sump, pulling) (carrier, and clim) of data (Carrette reside and professional practices in clied immergement) (See 20 the Carrette or 10 thgs; summands as in organization and our personal frais, Cardion and Olds, nonestingly digit and "big", summands as in organization and our personal frais, Cardion and Olds, nonestingly digit and "big", summands as in organization and our personal frais and practices, took and charges and as in beganning and of proglycents. The subject options data cardion from the large point of data counter through the data filterings of description, use, strongs, cardiolity and cardiomatholity over time. It descripts and subject of descriptions, cardiolity and cardiomatholity over time. It descripts as subling and case.											
		management, of data involves ensuring its usability and accessibility into the future requires new strategies practices, tools and techniques and is a burgeoning area of employment. This subject explores data	а,										
		curation from the the point of data creation throught the data lifecycle of description, use, storage, accessibility and understandability over time, to future usability and use.											
		Learning Outcomes  Upon successful completion of this subject, students should  Upon successful completion of this subject, students should  Upon successful completion of the need for discussion in public and private organizations,  to all the best of critical students or the need for discussion in the completion of the sale to be the completion of critical students organized to the sale to describe data customs concepts, terms, took and technologies.  Be all to describe data customs concepts, terms, took and technologies.											
		upon successrul completion or this subject, students should: be able to demonstrate understanding of the need for data curation in public and private organisations;											
		be able to describe data curation concepts, terms, tools and technologies;  be able to describe data curation concepts, terms, tools and technologies;  be able to describe data curation of the data curation lifecuries and identify the articlies associated.											
		with each stage; be able to exemine and critically analyse the challenges associated with data sharing for collaboration and											
		re-cas; Sylabus											
		The subject will cover the following topics: Introduction: Digital curation: scope and incentives											
		i ne cranging data landscape Conceptual models and defining data											
		vescription and representation information Preservation planning and policy	Graduate										
		Curating data	Graduate Certificate in Data Management										
		- Creating data - Deciding what data to keep	Master of										
		- Ingesting data - Preserving data	Information Studies (Drive										
Charles Start University: School of Information Studies	Schools Asia Pacific	- Storing data - Using and reusing data	Master of Information Studies (Data Management) - required	hits Henry cau edu authendook hubieda Will 462 hinsi	curation	big data d	lata storage						
		As on the district date control control flow, which are destrolarges.  The control flow control flow control flow, which are destrolarges as control of the control flow control flow. The control flow											
		of the body of knowledge underpinning the Data Management analytics discipline and professions.  Professional settings within groundsations in which existing data sets (including big data, research data.)											
		enterprise data) reside and are analysed will be discussed. Research, current issues, and examples of practical application in the field of data analytics and technologies relevant to the information Studies field											
		will be introduced. The subject will orient students to the current data handling and management trends an technology, and help them learn how to select and manage the right tools and analytical applications in the	nd eir										
		work settings.											
		Learning Outcomes Upon successful completion of this subject, students should:											
		be able to demonstrate how data, including enterprise, research and 'big' data are collected and managed within organisations;											
		be able to investigate and critically analyse the literature regarding data in information agencies in their social, cultural, economic, ethical and suchnological contexts;											
		management technology and infrastructure contests;											
		data in information processing, and he ship in intentity and critically assess and anniversariate data tools and analytics.	Graduate Certificate in Data Management										
		Sylabus The subject will cover the following topics:	Data Management										
		Overview of data settings in information agencies The situational, human, and cultural settings in data intensive organisations	Master of										
		Information technology fundamentals related to data management. The data users, infrastructure and architecture.	Information Studies (Data										
Charles Start University: School of Information Studies	Schools Asia Pacific	was safety.  Learning Classims  Learning Clastims  Learning Classims  Learning Classims  Learning Classims	Master of Information Studies (Data Management) - requirement Graduate Certificate in Data Management	http://www.cau.edu.au/handbook/hubjecta/NF465.html	tota	disciplinary/fund er requirements a	nalytics software ethics	hastructure					
			Graduate Certificate in										
			Data Management										
		INFSZ2 Poject Management in Information Agencies (8) This subject is designed to equip abdents with the skills and understanding to effectively manage projects in the information inclusty. It issues an applied approach to project management theory and practice and its role for information professionals.	Master of Information Studies (Data Management) - elective										
		In a subject is designed to equip asserts with the axis and understanding to encovery manage projects, in the information industry. It takes an applied approach to project management theory and practice and its refer to information confirmation.	Studies (Data										
		Learning Outcomes  Learning Outcomes  Upon successful completion of this subject, students should:											
		Upon successful completion of this subject, students should: be able to describe the practices required for effective management of projects in information agencies:	Not available to atudents who										
		demonstrate an understanding of the issues of working in a collaborative environment, be able to apply appropriate methods of solving problems;	students who have completed INF327										
		demonstrate an understanding of factors influencing project design and implementation; and be able to effectively prioritise tasks within preset timelines.	INF327 (Project										
		Upon successful completion of this subject, suderials should be able to describe his quotation sequelate feed from inseagement of projects in information agencies; has able to supply suppossed methods of sublesy problems; demonstrates an extraction of successful properties and the subject of subject problems; demonstrates an extraction of subject inserting properties design and implementation; and has able to describe proteins asked subject set fermione. The adult of successful problems are subject to subject of subject or implementation, and has adulted as one of the feeding project. Project or generation - Project options subject of subject inserting subject or evaluation. Project or supermetation, and project implementation.	INF327 (Project Management in Information s - Agencies) Paire Subject										
Charles Sturt University: School of Information Studies	Schools Asia Pacific	Project implementation - Project monitoring and evaluation - Project management support systems	Subject	http://www.cau.edu.au/handhook/hubjects/NP522-html	structure								
			Bachelor of Information Studies (Librarianship) - elective										
			(Librarianship) - elective										
			Bachelor of										
			Bachelor of Information Studies (Information and Knowledge Management) - elective										
			(Information and Knowledge										
			vlanagement) - elective										
			Bachelor of Information Studies (Records and Archives Management) - elective										
			Studies (Records and										
			Archives Management										
			elective										
		Bif sol Research Data Management (II) which was a second or a second of the second o	Graduate Certificate in										
			Data Management										
			Master of										
		innrew research Data Management (8) Data value increases as it is interconnected, networked, shared, used and reused. A deluge of scientific an	Information nd Studies (Data										
		to grow their roles. This subject focuses on seasoch data management which is an increasingly important	visnagement) - elective										
		management activities related to data, for example, establishing plans for data selection, migration of data to new distincts assumed activities related to data, for example, establishing plans for data selection, migration of data to new distincts assumed to the control of t	Master of										
		communities, and developing databases and technologies to support data creation, preservation, databases and technologies to support data creation, preservation, databases with the background to provide technologies.	y, Studies (Information ===										
		research data management.	y, Studes (Information y, Studes (Information and Knowledge Management) - elective										
		Learning Outcomes Upon successful completion of this subject, students should:	elective										
		be able to apply a broad coherent body of knowledge to the legal, policy, and ethical frameworks for responsible data stewardship;	Master of Information										
		be acre to review crecely, analyse and synthesise knowledge of the role of data as evidence and its use in supporting research;	n oludes (Librarianship) -										
		be able to communicate effectively to a variety of audienous the options for the management of data by	Mexico										
		be able to reflect critically on the issues and trends in data management and curation.	Assets of Information										
		The subject will cover the following topics:  Describes of data data Marriambin, and data const	(Records and Archive										
		Role of data in research  Definitions of data and the nature of evidence	Management) -										
		Data-driven scholarship and statistics Data lifecycle & collaboration	Not available to										
		Data archives, standards and repositories  Legal policy and ethical frameworks for responsible data stewards by	students who have completed										
						disciplinary/fund	lata curation infrastructure data storage						
Charles Start University: School of Information Studies	Schools Asia Pacific	Public policy for research data Data management and curation in data centres, libraries and archives.	INF334 or INF534.	http://www.cau.edu.au/handbook/subjects/NF449.html			lata curation infrastructure data storage						
Charles Start University: School of Information Studies	Schools Asia Pacific		INF 334 or INF 534. Master of Science in	http://www.csu.edu.au/hendbook/hubjects/NF449.html	COSES	er requirements o	lata curation infrastructure data storage						
		Public policy for research data Data management and curation in data centres, libraries and archives. Data Management (1/17 curriculum) courses - MIS 7190 Catebase Systems - MIS 7200 Catebase Systems	INF334 or INF534. Master of Science in Information Systems (M %-										
Makenere University: The College of Computing and Information Sciences	ISchools Asia Pacific	MIS 7110: Database Systems     MIS 7200: Data Warehousing     MIS 8115 Basiness Intelligence and Data mining	Information Systems (M.Sc. (S)			analytics b							
Makenere University: The College of Computing and Information Sciences	ISchools Asia Pacific	MIS 7110: Database Systems     MIS 7200: Data Warehousing     MIS 8115 Basiness Intelligence and Data mining	Information Systems (M.Sc. (S)										
Makenere University: The College of Computing and Information Sciences	ISchools Asia Pacific	Public prior to research data Class Intergeneer (17 cyrischier) customs and suchies.  Class Intergeneer (17 cyrischier) customs Class Intergeneer (17 cyrischier) Class Interpretation C	INFIGURE INF	http://dx.mail.are.upidoserioanta?055_NYTE_colf		analytics b							

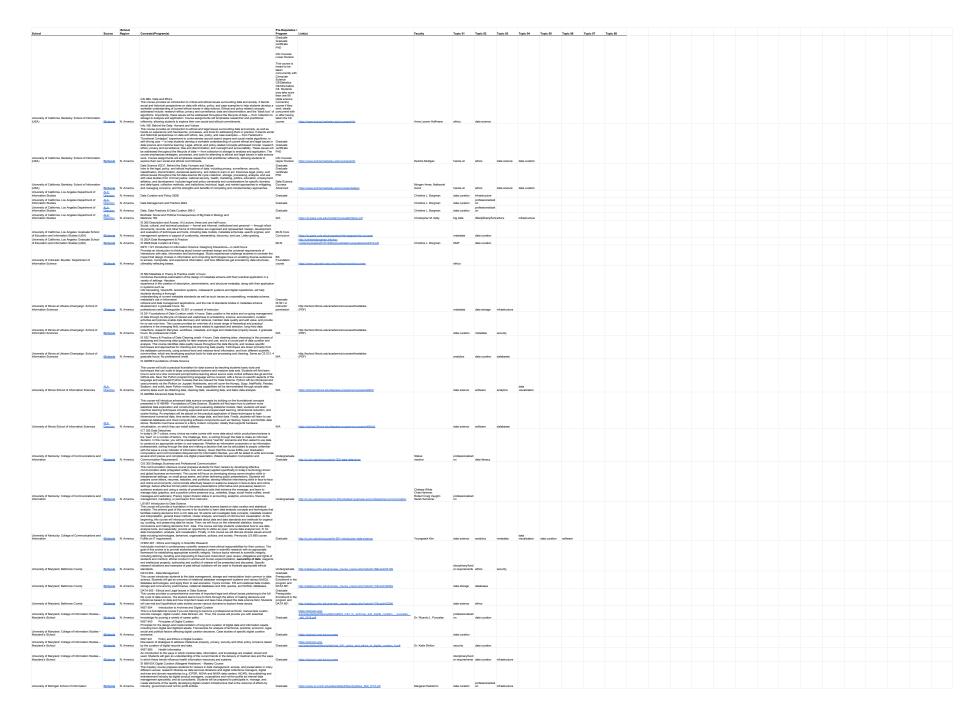
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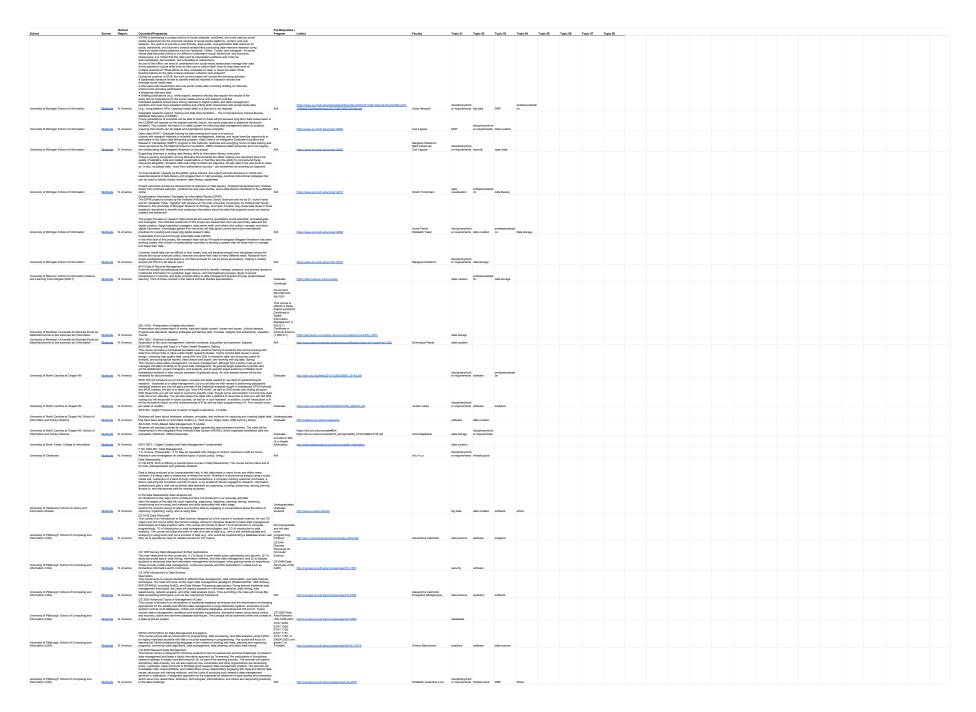


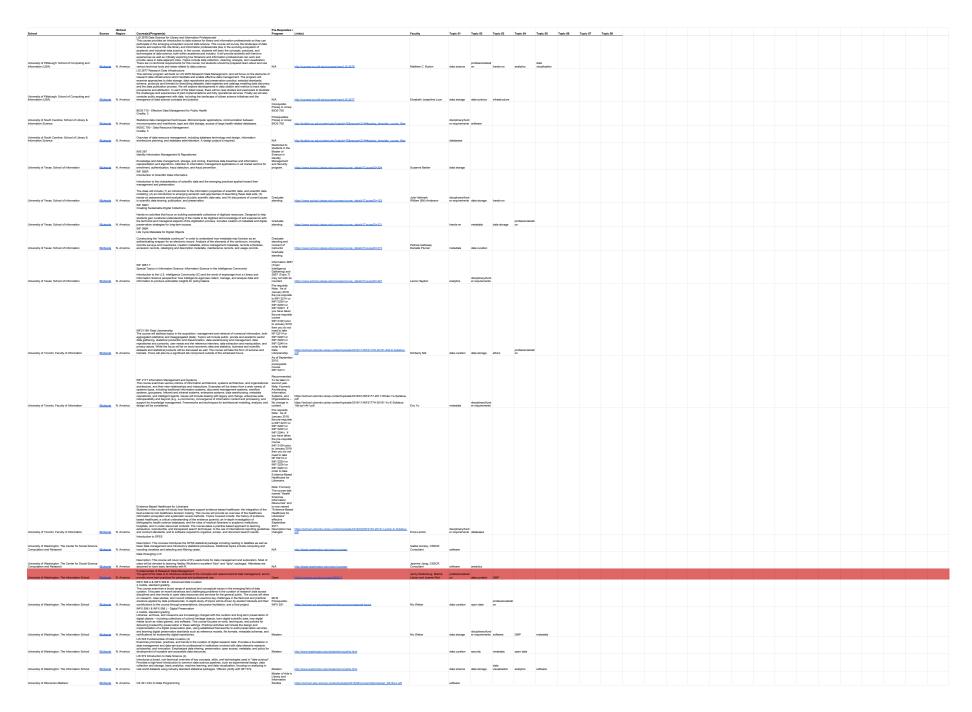


	Source Region		Pre-Requisites / Program																	
School	Source Region	Course(s)Program(s) 1122 Data Fluency Credits: 3	Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 66	Topic 07	Topic 06	-						
		Data is big. Data is everywhere. How can we possibly be expected to keep up in a world full of data, much of which is data about curselves? This class provides fundmental skills for the 21st century understanding data, extracting knowledge from data, generating predictions from data and presenting data.																		
		Learning Outcomes																		
		Slore, structure, and access data of different types using simple relational models and tables. Murge data to prepare new data for further analysis.																		
		Analyze large, compact datasets with supervised learning methods, including intear registered and se- nearest neighbors for functional approximation and naïve Bayesian classifiers and decision trees for classification and predictive modeling.																		
		Calculate probabilities by applying additive and multiplicative laws, permutations and combinations, and conditional probability.																		
Indiana University—Purdue University Indianapolis:		Start in Article and common date of defending region using major destinate indice and below. Start for the common and an extra form of the common and an extra							data											
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	the data.  LIS SIGN Foundations of Data Studies Course Description	Undergraduate	Migra (India Jupa) and also season (Info. 9271)	Ran Chang	data storage	big data	analytics	visualization											
		This class introduces digital literacies, focusing on data and information literacy in the media, clvic engagement, business, informatics, and data science. Students explore the production of data, their roles as data continues and the appropriate production and their amounts and for appropriate productions and their amounts.																		
		skils in real-world stustions. Learning Outcomes																		
		Recognize that data can have value and play a key role in society by providing opportunities to grow knowledge, to innovate, and to influence. Identify socious of selections of the control of the cont																		
		Analyze datasets in context to determine the reliability of the information including potential bias in data collection or representation. Understand the ethical guidelines and implications for using, managing, and communicating data.																		
Indians University—Pundue University Indianapolis: School of Informatics and Computing (USA)	(Schools N. America	Examine results produced in data analysis using data visualizations that are suitable for their purpose and targeted audience. LIS 5202 Data Organization and Representation	Undergraduate	https://anic-laped.acks/courses/lin-s201/	Angela P. Munito	data Iteracy	disciplinary/fu er requiremen	und nts ethics	analytics	data visualization										
		with in the contributions.  Whereing Claiman  Cl																		
		provide access to these resources and methods to evaluate and improve them for future retrieval and reuse.																		
		Learning Lutecomes Recognise districtions between data, information, and knowledge. Linderstand the basic principles and functions of representational structures such as texonomy, ontology.																		
		Compare and discriminate between various organization systems.  Understand the basic principles of data organization including file name conventions, version control, and data documentation.																		
		Apply the principles of consistency and uniformity to recognize the need for authorized terms for describing various types of data. Understand the need for data standards and metadata standards.																		
Indiana University—Pundue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	Intelligence of the control of the c	Undergraduate	Nilpe (habic lupud adultouraea lis-a200)		data literacy	metadata													
		Course Description This course surveys data and information eithics and policy, justifying data practices per eithical frameworks. Students essentine data-policy concerns governing continotaal data flows and the systems on which they rely. Students distinguish the results of data policies and the manner they are used to support particular values.																		
		rely. Students distinguish the results of data policies and the manner they are used to support particular																		
		Learning Cutcomes Identify and understand the social, political, ethical, and legal aspects of data creation, access, ownership, service, and communication.																		
Later Delivery, Burker Delivery, Indianante		Learning Culcomes.  Learning Culcomes.  Thereby and understand the social, political, whicel, and legal aspects of data creation, access, ownership, discrete and control of the control o																		
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	Design and construct data policies in relation to specific data and information flows in various contexts.	Undergraduate	Migra (facic logical and altrocerate Res a 201)		ethics	data curation	er requireme	nts infrastructur											
		Course bescription.  Course bescription.  This course reviews big and small data practices in research, education, business, government, and nonoprofiles, while critically searning the role of data in society. Using case studies, students address ethical quantitions initiated behinness, discrimination, power, and privilege. Topics include the interest of things, searning analytics, and black-box algorithms.																		
		quasions reason to terminal, outcommission, power, and privage. Topics include the internet or trings, wearables, learning analytics, and black-box algorithms.																		
		Reflect upon and critically assess their own history and values with respect to their use of technologies discussed in class.  Identify and actualists basic ethical and policy-based frameworks.																		
Indiana University—Purdue University Indianapolis:		Learning Culciums  Milled upon and orbitally assess that own helpty and values with respect to their use of sechnologies decreased in class.  Learning of the control of their decreased in the control orbital control orbita																		
Indiana University—Pundue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	and practices.  LIS 300 Data Preservation Coans Description Coans Description Coans Description and Coans Desc	Undergraduate	hilliper (Nexic Juped and alreasment lite a 2002)		big data	ethics													
		This course surveys the fundamental principles of data preservation. Students will explore newly developing tools and techniques for long-term data preservation strategies. Topics include selecting file formats and storage makes, softmicel observations, digital forentics, acceptable trakfors, preservation metadata, data																		
		repositories, and preservation policy for long-term access and reuse.  Learning Cutcomes																		
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	February M. America	Learning Customes.  Identify and understand the principles and practices of data preservation.  Summatice and analyze techniques and tools used in the data preservation field.  Summatice and analyze techniques and tools used in the data preservation field.  Identify and evaluate data, repositories, and lectrical risk factors for data preservation.  Create plane for data preservation including data sources, description, software, and policy development.	Understand of			data storage			DIAM.											
SUBSIDIO OF HIGH HIGH CONTRACT (CONT)	N. ALIEUZ	Livelle pain for data preservation recounting data solution, energiption, solvenium, and posity overophemic LLS SARC Data Contrain and Management on and management with applications. Solutions or conjust of data custion and management with applications. Solutions begins the discussion data sit and data-custod finely calculated, such as the design of data through content-custor management, metaldata creation, entry into a database system or a repository, access policies and replementation, and data insues.	Underly account			Cas acrage	- Industrial	security	- Last	- LUMBE										
		This course introducies concipes or ease cursion and management was appositions, causeres expose the characteristics of data and data-cursion lifecycle activities, such as the design of data through content- creator management, metadata creation, entry into a database system or a repository, access policies and innetermentation, and rishs name.																		
		Learning Outcomes Recogning the uncerncy of and need for long-term data custion in public and private venues.	Undergraduate																	
		Understand the characteristics of various data types generated and used by a variety of disciplines, subdisciplines, research controlles, and government organizations. Understand both theoretical and practical issues in data custion from a range of perspectives.	Prerequisite(x): Strongly																	
		Describe data curation concepts, terms, tools, and technologies.  Identify the activities associated with each stage of the data curation lifecycle and their social, legal, ethical, and policy implications.	take LIS-S 281, LIS-S 305, and																	
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	The street of th	LIS-S 405 as prerequisites	Migra (Facil: Jupul and alcourage (Se-a-402)		data curation	metadata	ethics	security											
		Course Discrepts the fundamental principles and practices of archival and record management within the contest of class actives. Students explore newly developed tools and factoripase a specific to dails archives. Topics include archives records, and had description, archive il management software, digitation and formidgate archives, and standards and policies.																		
		logista anchives, and standards and policies.  Learning Deformers																		
Indiana University—Purdue University Indianapolis:		Identify and weigh the principles and practices of digital and data archives.  Summarize and analyze the emerging changes in the archival field.  Evaluate current data archive practices, tools, and before, tools.	Undergraduate Prerequisite:																	
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	digital articles, and distribute our globals.  Learning Colories.	LIS-S 281	https://boic.iupud.acku/coursessile-a405/		data storage	software													
		This course reviews data practices in the sciences from the perspectives of multiple scientific domains. Topics include data sources, management, lifecycles, description, cogenization, workflows, repositories, and analytical looks for the sciences. Additionally, students explore newly developing technologies and analytical looks for the sciences.																		
		practices including data visualization and big data methods.  Learning Outcomes																		
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	(Schools N Assesse	Learning Outcomes Compare the role of activitific data in academia, government, industry, and other organizations. Summarize emerging data practices in the aciences. Evaluate best practices, took, and technologies for acientific data. Craste data management, vorticina, and analysis plans for sample scientific data.	Underwedurt	https://soir_isput.acks/courses/in-s405/		disciplinar-N-	Ol daha cura*	data stores	arthum	data visualization	No data									
	n. Austrica	Loreas eas management, worknow, and analyse paran for hample scientific data.  LIS 5407 South Genero Data  Coams Description  Coams Description  Coams Description  And analysical bottle for the social acidences. Adultorially, submitted data sources, management, and analysical bottle for the social acidences. Adultionally, substants applier nearly developing technologies and analysical practices, including data vasualization and big data methods for the social acidences, and ethical and policy considerations.	y-mound			primy/IU				- Jenselon	-,									
		I may be a support of the control																		
		Learning Outcomes																		
		organizations. Summatize emerging data practices in the social sciences. Analyze and evaluate best practices for data management in the social sciences.																		
Indiana University—Pundue University Indianapolis: School of Informatics and Computing (USA)	Schools N. America	Intelligible of sections for the section feather date at a process, government, extenty, sections for formattic energing deposition in the read increase. The section feather date of the control of the	Undergraduate	hites these tages arkains are saling select;		disciplinary/fu	n analytics	software	software	data visualization	big data									
		Course Description This course reviews data practices in business environments. Students examine business data resources including company, financial, and marketing research data. Students explore data management, analytical																		
		practices, and newly developed technologies. Topics include business data and metadata, data governance and policy, data-driven marketing, visualization, and analytics.																		
		Learning Constraint Identify and understand the role of business data in academia, government, industry, and other organizations.  Summaring amendment data practices in business.																		
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	(Schools N. America	Lamining Outdomms.  Amening Coldomms. The note of business data in academia, government, including, and other organization control of the con	Undergraduate	https://poic.iupus.arks/courses/its-a405/		disciplinary/fiv	N analytica	software	software	data visualization	big data									
constraint are annihilated (mgs)		Use the engree pairs to comment was.  It \$5.511 better better better the processes involved in developing formal access to information from a user-criment golf of view. Combiners of which a comprehensive view of the processes involved in developing formal access to information from a user-criment golf of view. Combiners without delabose models such as the file. Reservoice, residency, and toppropried called a Students will design and implement delaboses using severed commercial delabose arrangement systems.									-,									
		from a user-centered point of view. Considers various distance models and the first state to internation relational, and hyperfect in items of last, accord, numeric, image, and geographic data. Students will design and irrelament distalauses union several connected international renational students.																		
		and organization dissolves using several commercial disposals management systems.  Note:  This course is tailored to the needs of students in the Master of Library and Information Science. It is recommended that MLIS students take the online version in the spring semester.																		
		recommended that MLIS students take the online version in the spring aurmenter. Students who have completed an upper-level undergraduate or graduate database course within the past two years with a grade of Bo- righer should instead take CSCI-1410 Database Systems.																		
		two years with a grade of B- or higher should instead take CSCI 54100 Database Systems.  Learning Outcomes																		
		Lamining Culcuram.  Lamining Culcuram  and Control of the Control																		
		Evaluate tables for compliance to third normal form and perform normalization procedures on noncompliant tables. Write trippers to handle events and enforce business index and remain views within a solution of defining the procedures.	Graduate MUS																	
Indiana University—Purdue University Indianapolis: School of Informatics and Computing (USA)	(Schools N. America	writing witherstall risignity.  Causalas indeas requisions is that normal form and perform normalization procedures on noncompliant  Causalas indeas requisions in the committee of the committee	Prerequisite(s): LIS 5500 and LIS 5503		Kyle M. L. Jones Angela P. Murilio	databases	data curation	data storace	security											
		•																		



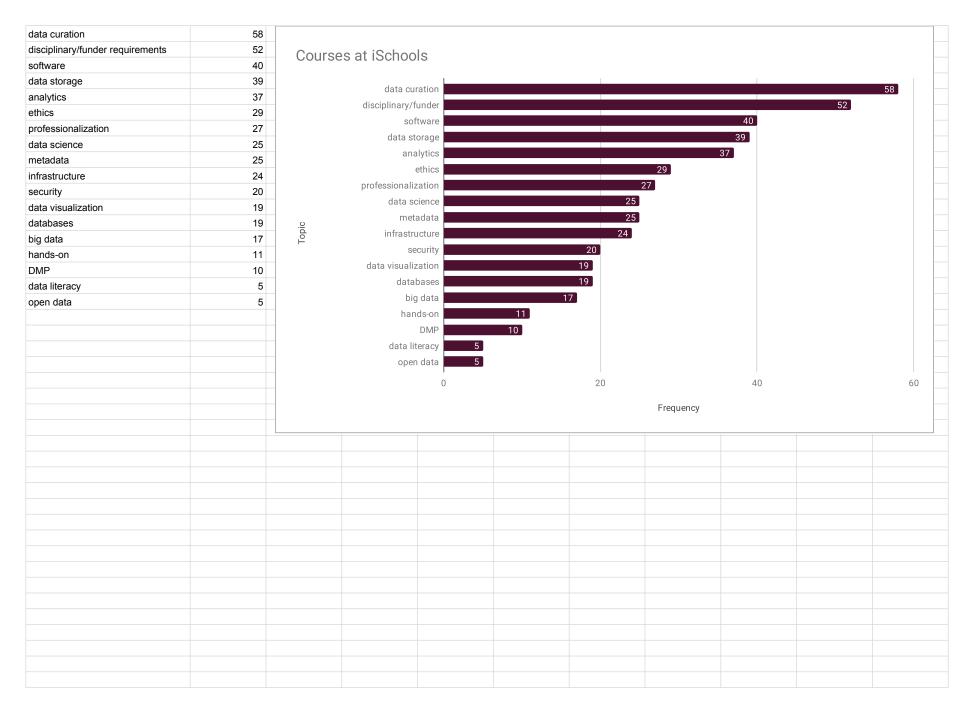






		(School		Pre-Requisites	ı												
chool	Source	Region	Course(s) Program(s)	Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06 Topic 07	Topic 66				
			Data/Information Management & Analytics concentration  Work in corporate, government, research, education or other nonprofit settings to apply skills in research.	Master of Arts in													
			viorx in corporate, government, research, education or other nonprost settings to apply situa in research, analysis and managing information and data flows. Potential jobs include information/data analysis & visualization, knowledge management, prospect research, systems analysis, records management and	Library and													
siversity of Wisconsin-Madison	Schools	N. America	visualization, knowledge management, prospect research, systems analysis, records management and compliance, research data management, information systems analysis and project management.	Information Studies	https://archool.wisc.edu/oursent-aludents/trasters-degrees-		analytica	data	fire								
,			INFOST 655 Information and Records Management:						-								
			3 cr. Undergraduate/Graduate.														
iversity of Wisconsin-Milwaukee: School of			Principles and practices of information and records management organizational information needs, retention, schedules, vital records protection, micrographics, records centers and records management.														
formation Studies	Schools	N. America		jrat.	https://catalog.uwm.edu/courses/infost/		data curation	data stora	age .								
			INFOST 656 Electronic Documents and Records Management														
			3 cr. Undergraduate/Graduate.														
			Advanced controls on the desired and an extension of desired control and an extension of														
			Advanced concepts, unique challenges, and on-going issues of electronic records management, including automated systems, information lifecycle management, access, legality, media stability, migration, and long	r-													
niversity of Wisconsin-Milwaukee: School of			term preservation.	[r st; InfoSt(L&I Sci) 655(P) or													
brmation Studies	Schools	N. America	Course Rules: Counts as repeat of InfoSi(L&I Sci) 691 wisame topic.	cons instr.	https://catalog.uwm.edu/courses/infost/		data storage	data cura	eton								
			LIS 658: Digital Curation and Collections (Online)	Master of Arts in													
			The course inhoduces core concepts and new developments in digital curation, preservation and digital libraries. Topics include: digitzation, digital collections planning and evaluation; inheliectual-property issues.	Library and													
siversity of Wisconsin: School of Library and	Schools	N. America	metadata as applied in digital collections; digital collection technologies and workflows; basics of research data management; trusted digital repositories; digital preservation; media archeology; sustainability.	Information Shyden	hitze / lackool wisc edulup-content/uploads/2016/06/CourseDescriptionsFal2018.pdf		data curation	data store	age metadata								
	-		US 722: College & University Libraries (online) An overview of contemporary issues impacting libraries located at institutions of higher education														
			An overview of contemporary issues impacting libraries located at institutions of higher education														
			aparening community colleges to large research universities. Topics covered include, but are not limited to: "changes in the higher education environment in the US: state funding, for profits, MODCs, new														
			* changes in the higher education environment in the US: state funding, for profits, MODCs, new campus populations and their needs, safety issues, etc.														
			*pressures to provide evidence for student learning or retention and more broadly conveying the														
			cumpus populations and their needs, stately issues, etc. "pressures to provide evidence for shadent learning or retention and more broadly conveying the mission and value of the library to decision makers on campus "I be not of libraries in helping researchers manage research data including an overview of federal														
			rules, funder regulations, data management consulting and professional associations that support librarians in this work														
			testbooks, etc.  "involves thereign in commun disprais initiatives lefters and more broadly involves the commun.														
			Theory in the accial file of the campus  "twends in campus library space use: material storage v. user space; partnering with other campus  "twends in campus library space use: material storage v. user space; partnering with other campus														
niversity of Wisconsin: School of Library and formation Studies	(School*	N. America	* trends in campus library space use: material storage v. user space; partnering with other campus service groups	Masters	https://achool.wisc.edu/sp-content/uploads/2017/11/CourseDescriptionsSpring18.pdf		disciplinaryfiv	un open delle	ta infrastructu	professionaliza ne on							
			Research Data Management				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
			This course will prepare librarians to provide services in research data management. Whether your library														
			has just stated to think about supporting researchers or has an established program in place, you will learn where researchers' difficulties lie, how to provide a base level of support for new data requirements, and how to grow an array of data services. No specific technology competencies are required, though basic broadedge of XMs, and Microsoft Eccol may be helpful.														
			where researchers' difficulties lie, how to provide a base level of support for new data requirements, and how to provide a base level of support for new data requirements, and	Continuing													
niversity of Wisconsin-Madison	Schools	N. America	knowledge of XML and Microsoft Excel may be helpful.	Continuing Education		Kristin Briney	disciplinary/fu	un infrastruc	cture								
				Master of Arts in													
			STEMClats emphasis 1 credit STEM lib + choose electives from data infolanalytics	Information													
niversity of Wisconsin-Madison	Schools	N. America	1 credit STEM lib + choose electives from data Infolansiytics INF 7620 Introduction to Health Informatics and E-Science	Studes	https://school.wisc.edu/wp-content/uploads/2015/05/concentrationssheet_fall lifesy.pdf		disciplinary/fu	unt data cura	ston								
				MUS													
			This course provides an overview of the emerging health informatics and e-science fields and how the use of various health information technologies can play a critical role in enhancing the quality of	Prerequisite(s): INF 6010 and													
			use of various neath information sechnologies can play a crocal role in enhancing the quality of healthcare. Students will learn health informatics and e-science concepts, theories, legal and ethical														
			healthcare. Students will learn health informatics and e-ocience concepts, theories, legal and ethical implications, and applications within the increasing data-driven healthcare environment. This course provides students with the opportunity to analyse, practice, and both the stills unique to the health and the students with the opportunity to analyse, practice, and both the stills unique to the health the still of the still	MSIM Co- requisite(x): INF													
syne State University: School of Information Science	Schools	N. America		6000	hito ilais wavne edulorofiles/7620 pdf		disciplinary/fu	unt ethics	analytics								
			INF 7920 Digital Curation and Preservation														
			This course provides students with an understanding of the theoretical principles and practical aspects														
			of digital curation and preservation within libraries, museums, archives and other institutions administering data and digital content. Students examine critical issues and challenges surrounding														
			longium digital preservation and curation. Topics examined include digitzation and preservation standards;														
			preservation; metadata; integrity and authenticity of digital content; trusted digital repositories; risk management; and current research and development. The goals of this course are 1) to increase the student's issuemess and understanding of the multiplicity of digital curation and preservation issues.	NIA													
			students' awareness and understanding of the multiplicity of digital curation and preservation issues.	INF 6210, or													
layne State University: School of Information Science	- February	N. America	and 2) to develop their knowledge further through hands-on practical skills learned while curating and preserving data and digital content.	permission of the	the first consequence of the first first of the first		data acception	data stees	age ethics	metadata							
ayre date driverary. School of Hidrigatin Science	-	N. Allenca	US 781 (Spring 2016) WISE Seminar(Topic: RESEARCH DATA MANAGEMENT)		The same of the sa		Cara Caracon	Cana sour	age entre	- Innavara	i and a con						
			WISE Seminar Topic: RESEARCH DATA MANAGEMENT) (From The University of Pittaburgh)														
			data management and takes a highly innovative approach by "immersing" the participants in disciplinary research settings in subject domains beyond LIS, as part of the learning process. The seminar will explore														
			disciplinary data diversity, but will also examine how universities and other organizations are developing														
			disciplinary data diversity, but will also examine how universities and other organizations are developing policy, readmaps, plans and tools to facilitate good research data management practice. The sentinar will investigate coles, responsibilities, and relationation of key stakeholders engaging with legal and ethical data issues, advocacy and tailning methods, and the costs of providing such research data management.	Graduate													
			issues, advocacy and training methods, and the costs of providing such research data management services in institutions. A craigmatic approach will be supported by reference to case studies and exemplan	and a	http://lu.edu/Post/Academics/Schools/CEIS/PSLIS/Graduate-Programs/MS-LIS/Course-												
ISE / Long Island University: Palmer School of Librar	y .		services in institutions. A programtic approach will be supported by reference to case studies and exemplars which show how researchers, librarians, technologists, administrators, and others are responding positively to the data challenge.	Application													
Information Science	Schools	N. America	to the data challenge.	Required	https://wiseeducation.org/classinfo.aspx?classid=1710		disciplinary/fu	unt infrastruct	cture DMP	ethics							
			LIS 2975 Seminars Special Topics Research Data Management. This seminar program will build on LIS 2975 Seminars Special Topics Research Data Management, and wi														
			focus on the elements of research to data infrastructure which facilitate and enable effective data management. The program will examine approaches to data storage, data repositories and preservation practice, selected standards, selecting, produced and formats for describing distances, data registers and														
			practice, selected standards, achema, protocols and formats for describing datasets, data registries and														
			catalogs enabling data discovery and the data publication process. We will explore developments in data claim and melicin to text data provenance and attribution. In each of the lated ereast, there will be case studies and exemplase to illustrate the challenges and experiences of plot implementations and fully														
			studies and exemplars to illustrate the challenges and experiences of plot implementations and fully constitutional services. Finally we will also consider public encapement with data, including the landscape of		hitos //wiseeducation.org/class/nfo.aspx?classid=1571												
ISE / The University of Pittsburgh	Schools	N. America	operational services. Finally we will also consider public engagement with data, including the landscape or citizen acience initiatives and the emergence of data science concepts and practice.	NA	https://wiseeducation.org/classinfo.aspx?classid=1571 https://courses.sci.pit.edu/courses/view/L/IS-2975	Dr. Liz Lyon	infrastructure	data store	age metadata	data science							
			LIS 2676 Research Data Management This topical course is designed to introduce students to the conceptual and practical challenges of research						-								
			rins topics course is designed to introduce students to the conceptual and practical challenges of research data management and takes a highly innovative approach by "immersing" the participants in disciplinary														
			data management and takes a highly innovative approach by "immersing" the participants in disciplinary research settings in subject domains beyond US, as part of the learning process. The seminar will explore														
			disciplinary data diversity, but will also examine how universities and other organizations are developing policy, roadmaps, plans and tools to facilitate good research data management practice. The seminar will														
			investigate roles, responsibilities, and relationships of key stakeholders engaging with legal and ethical data														
			Investigate roles, responsibilities, and relationships of key stakeholders engaging with legal and ethical data tasses, advocacy and inskring methods, and the costs of providing such nessects data mesagement services in institutions. A pragnatic approach will be supported by reference to case studies and exemplant														
ISE / The University of Pittsburgh	Schools	N. America	which show how researchers, librarians, technologists, administrators, and others are responding positively to the data challenge.	N/A	https://wiseeducation.org/class/nfo.aspx?class/d+1710	Dr. Elizabeth Lyon	disciplinary/fu	IV infrastrur	rhow DMP	ethics							
	Section III	Arrenad	Received Parks Infrared and an		A STATE OF THE STA		Jacque et y 10		and the same	498.4							
			This seminar program will build on LIS 2975 Seminars Special Topics Research Data Management, and wi														
			focus on the elements of research data infrastructure which facilitate and enable effective data														
			practice, selected standards to be a support of the control of the														
			clasion and metrics to track data provenance and attribution. In each of the listed areas, there will be case														
			studies and exemplars to Bustrate the challenges and experiences of pilot implementations and fully														
ISE / The University of Pittsburgh	Schools	N. America	studies and exemplars to illustrate the challenges and experiences of plot implementations and fully operational services. Finally served also consider public engagement with data, including the landscape of others adone installyses and the emergence of data science concepts and practice.	NIA	https://elsenducation.org/classinfo.espx?classid=1571	Dr. Liz Lyon	infrastructure	data stora	age metadata	data science							

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	Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
	94	56	23	16	28	
Graduate Certificate in Data Management						
Master of Information Studies (Data Management) - required	1		1			
Graduate Certificate in Data Management						
•	4		4			
Master of Information Studies (Data Management) - required  Graduate Certificate in Data Management	1		1			
Staduale Certificate in Data Management						
Master of Information Studies (Data Management) - requirement	1		1			
Graduate Certificate in Data Management						
Master of Information Studies (Data Management) - elective						
Not available to students who have completed INF327						
NF327 (Project Management in Information Agencies) Paired Subject	1		1			
Bachelor of Information Studies (Librarianship) - elective						
Bachelor of Information Studies (Information and Knowledge Management) - elective						
Bachelor of Information Studies (Records and Archives Management) - elective						
Graduate Certificate in Data Management						
Master of Information Studies (Data Management) - elective						
Master of Information Studies (Information and Knowledge Management) - elective						
Master of Information Studies (Librarianship) - elective						
Master of Information Studies (Records and Archives Management) - elective						
Not available to students who have completed INF334 or INF534.	1	1	1			
Master of Science in Information Systems (M.Sc. IS)	1		'			
Master of Science in Information Systems (M.Sc. IS)	1					
BSc (IS)						
BSc (IS) : Smart-City Management & Technology - Elective		1				
BSc (IS) Information Systems Core						
BSc (IS) : Smart-City Management & Technology Core		1				
Masters	1					
Masters	1					
Master of Science in Library and Information Management - specialization in Data science - Data curation	1					
Master of Science in Library and Information Management - specialization in Data science - Data curation						
Master of Science in Library and Information Management - specialization in Archives and records management - Data curation	1					
BLIS Prereq: any math skills course		1				
Undergraduate / Library Science / Elective		1				
Graduate / Library Science / Elective		1				
Graduate / Electronic Commerce / Elective		1				
Bachelor's Economics and Business		'				
Bachelor's Business Administration		_				
Exchange programme Exchange Programme UvA Economics and Business	1	1				
4000 level upper-division course, open to seniors and graduate students						

	Masters	Bachelors	Graduate Certificate	Doctorate	N/A	Open
Master of Library and Information Science Library and Information Science Prerequisite: LIS 701	1	Daditiolors	Gradato Gortinoato	Doctorate	N/A	Орон
Master of Library and Information Science Library and Information Science Prerequisite: LIS 701	1					
Bachelor of Science in Information Systems (BSIS) Bachelor of Science in Computing & Security Technology						
Prerequisites: INFO 151 [Min Grade: D] or CS 140 [Min Grade: D] or CS 171 [Min Grade: D]		1				
Master of Science in Library and Information Science (MSLIS)  Master of Science in Health Informatics (MSHI)						
Prerequisites: INFO 530 [Min Grade: C] or INFO 540 [Min Grade: C]	1					
Undergraduate degree / Information Technology	·	1				
Undergraduate degree / Information Technology		1				
MS/IM PhD LIS Graduate Certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		
Undergraduate MS/LIS MS/IM PhD LIS Graduate certificate	1	1	1	1		

	Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
Undergraduate	musters	Dudinoidia	Gradate Gertinoate	Doctorate	THE STATE OF THE S	Орон
MS/LIS						
MS/IM PhD LIS						
Graduate certificate	1	1	1	1		
PhD LIS				1		
Undergraduate						
MS/LIŠ MS/IM						
PhD LIS						
Graduate certificate	1	1	1	1		
Undergraduate						
MS/LIS MS/IM						
PhD LIS						
Graduate certificate	1	1	1	1		
Undergraduate MS/LIS						
MS/IM						
PhD LIS	1	,				
Graduate certificate	1	1	1	1		
Undergraduate Undergraduate		1				
Prerequisties: Strongly recommended to take LIS-S 281, LIS-S 305, and LIS-S 405 as prerequisites		1				
Undergraduate		1				
Graduate	1					
Graduate						
Prerequisite(s):						
INFO B505 Informatics Project Management, INFO B530 Foundations of Health Informatics	1					
Graduate	1					
Undergraduate		1				
Undergraduate		1				
Undergraduate		1				
Undergraduate		1				
Undergraduate		1				
Undergraduate		1				
Undergraduate						
Prerequisite(s):						
Strongly recommended to take LIS-S 281, LIS-S 305, and LIS-S 405 as prerequisites		1				
Undergraduate						
Prerequisite: LIS-S 281		1				
Undergraduate		1				
Undergraduate		1				
Undergraduate		1				
Graduate MLIS		<u>'</u>				
Prerequisite(s): LIS S500 and LIS S503	1					
Undergraduate		1				
Undergraduate		1				
Graduate		<u>'</u>				
Informatics	1					

	Masters	Bachelors	Graduate Certificate	Doctorate	N/A	Open
Graduate				200101410		оро
Prerequisite: LIS 60002 or LIS 60020 (Information Organization); and LIS 60511 (Digital Technologies II); and						
graduate standing	1					
Graduate						
Prerequisite: LIS 60631 or 60638; and graduate standing.	1					
Graduate	1					
Graduate	1					
MLIS	'					
Elective	1					
Graduate						
Concentration	1					
Undergraduate		1				
Undergraduate Graduate		1				
Prerequisite: LIS 485	1					
Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
Undergraduate		1				
Undergraduate		1				
Graduate	1					
LIBR 559S; completion of the MLIS core courses for MLIS students						
Dual students must meet the prerequisites for the section in which they register	1					
Graduate	1					
Graduate	1					
Master of Information and Data Science (MIDS)	1					
Graduate						
Graduate certificate PhD						
Info Courses Lower Division						
This course is meant to be taken concurrently with Computer Science C8/Statistics C8/Information C8. Students may take more than one 88 (data science connector) course if they wish, ideally concurrent with or after having						
taken the C8 course.	1		1	1		
Graduate						
Graduate certificate PhD						
FIID						
Info Courses			1			
Upper Division Graduate	1		1	1		
Graduate certificate						
PhD						
Data Science Courses						
Advanced	1					
Graduate	1					
Graduate	1					

	Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
Graduate	1					<u>,</u>
N/A					1	
MLIS Core Curriculum	1					
MLIS	1					
BS						
Foundation course		1				
Graduate IS 501 or instructor permission			1			
N/A					1	
N/A					1	
N/A					1	
N/A					1	
Undergraduate Graduate	1	1				
Undergraduate		1				
Graduate	1	·				
Undergraduate		1				
Graduate Prerequisite: Enrollment in the program and DATA 601	1					
Graduate	1					
Prerequisite: Enrollment in the program and DATA 601 Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
Graduate	1					
N/A	<u> </u>				1	
N/A					1	
N/A					1	
N/A					1	
N/A					1	
N/A					1	
Graduate	1					
Certificate						
Concurrent: INU1030 and INU1001						
This course is offered in these degree programs Certificate in Digital Information Management (1-053-5-1)						
Certificate in Digital Information Management (1-053-5-1) Certificate in Archival Science (1-056-5-1)			1			
N/A					1	
Graduate	1					
Graduate	1					
Undergraduate Graduate	1	1				
Graduate	1					
Included in MS-IS in Health Informatics	1					
N/A					1	
Undergraduates Graduate students	1	1				
NO prerequisites and will also cover programming (Python)		1				

	Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
CS 0441 Discrete Structures for Computer Science						
CS 0445 Data Structures (COE 0445)					1	
N/A					1	
CS 2520 Wide Area Networks (TELCOM 2321)					1	
STAT 0200, STAT 1000, STAT 1100, STAT 1151, STAT 1152, or ENGR 0020 (min grade C or Transfer)					1	
N/A					1	
N/A					1	
N/A					1	
Corequisite: Prereq or coreq: BIOS 700						
Prerequisites: Prereq or coreq: BIOS 700					1	
N/A					1	
Restricted to students in the Master of Science in Identity Management and Security program.	1					
Graduate standing	1					
Graduate standing	1					
Graduate standing and consent of instructor	1					
Graduate standing						
Information 385T (Topic: Intelligence Gathering) and 385T (Topic 7) may not both be counted.	1					
Pre-requisite Note: As of January 2018, the pre-requisite is INF1321H or INF1322H or INF1323H or INF1324H. If you have taken the pre-requisite course INF1310H prior to January 2018 then you do not need to take NF1321H or INF1323H or INF1323H in order to take Data Librarianship.						
As of September 2018, prerequisite course: INF1341H						
Recommended: To be taken in second year.  Note: Formerly Architecting Information, Systems, and Organizations – No change in content.	1					
Pre-requisite Note: As of January 2018, the pre-requisite is INF1321H or INF1322H or INF1323H or INF1323H. If you have taken the pre-requisite course INF1310H prior to January 2018 then you do not need to take NF1321H or INF1322H or INF1323H or INF1323H in order to take Evidence-Based Healthcare for Librarians.  Note: Formerly: The course was named "Health Sciences Information Resources" and is now named "Evidence-						
Based Healthcare for Librarians" effective September 2017. Description has changed.	1					
N/A					1	
N/A					1	
Open MLIS						
MLIS Prerequisite: INFX 551	1					
Masters	1					
Masters	1					
Masters	1					
Master of Arts in Library and Information Studies	1					
Master of Arts in Library and Information Studies	1					
r st.		1				
ir st; InfoSt(L&I Sci) 655(P) or cons instr.		1				
Master of Arts in Library and Information Studies	1					
Masters	1					
Continuing Education			1			
Master of Arts in Library and Information Studies		1				
MLIS Prerequisite(s): INF 6010 and INF 6080 MSIM Co-requisite(s): INF 6000		1				
INF 6210, or permission of the instructor					1	

	Masters	Bachelors	Graduate Certificate	Doctorate	N/A	Open
Graduate						·
WISE Application Required	1					
N/A	'				1	
N/A					1	
N/A					1	

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
					- F

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorato	N/A	Open
Wasters	Dachelors	Graduate Certificate	Doctorate	IVA	Орен

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open
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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open

Masters	Bachelors	<b>Graduate Certificate</b>	Doctorato	N/A	Open
Widelers	Dacrieiors	Graduate Certificate	Doctorate	IVA	Орен

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Masters	Bachelors	<b>Graduate Certificate</b>	Doctorate	N/A	Open

Indiana University - Purdue University Indianapolis School of Informatics and Computing	18
Illinois School of Information Sciences	14
University of Pittsburgh: School of Computing and Information (USA)	8
University of Washington Libraries	8
University of Wisconsin-Madison	8
University of Maryland, Baltimore County	7
University of Michigan School of Information	7
University of California, Los Angeles Department of Information Studies	6
Charles Sturt University: School of Information Studies	5
University of Illinois at Urbana-Champaign: School of Information Sciences	5
University of Texas: School of Information	5
Syracuse University: School of Information Studies	4
University of California, Berkeley: School of Information (USA)	4
University of Hong Kong: Division of Information and Technology Studies (I&TS)	4
University of North Carolina at Chapel Hill	4
Dominican University: School of Information Studies (USA)	3
Indiana University: School of Informatics, Computing, and Engineering	3
The University of Tennessee: School of Information Sciences	3
University of Kentucky: College of Communications and Information	3
University of Toronto: Faculty of Information	3
WISE / The University of Pittsburgh	3
Wuhan University School of Information Management	3
Drexel University College of Computing & Informatics	2
Florida State University	2
Kent State University School of Information	2
Makerere University: The College of Computing and Information Sciences	2
Pratt Institute, School of Information (USA)	2

Rutgers, The State University of New Jersey: School of Communication and Information	2
Singapore Management University: School of Information Systems	2
Texas A&M University – Kingsville	2
The Pennsylvania State University: College of Information Sciences and Technology	2
University of British Columbia iSchool	2
University of Montréal: Université de Montréal École de bibliothéconomie et des sciences de l'information	2
University of Oklahoma	2
University of South Carolina: School of Library & Information Science	2
Wayne State University: School of Information Sciences	2
Cornell University: Faculty of Computing and Information Science	1
McGill School of Information Studies	1
Simmons, Boston: School of Library and Information Science	1
University of Amsterdam: Graduate School of Humanities, Archives and Information Studies (The Netherlands)	1
University of Arizona: School of Information	1
University of Colorado: Boulder: Department of Information Science	1
University of Missouri: School of Information Science and Learning Technologies (SISLT)	1
University of North Texas: College of Information	1
University of the Philippines: School of Library and Information Studies	1
WISE / Long Island University: Palmer School of Library & Information Science	1

Training Courses at iSchools-Regions

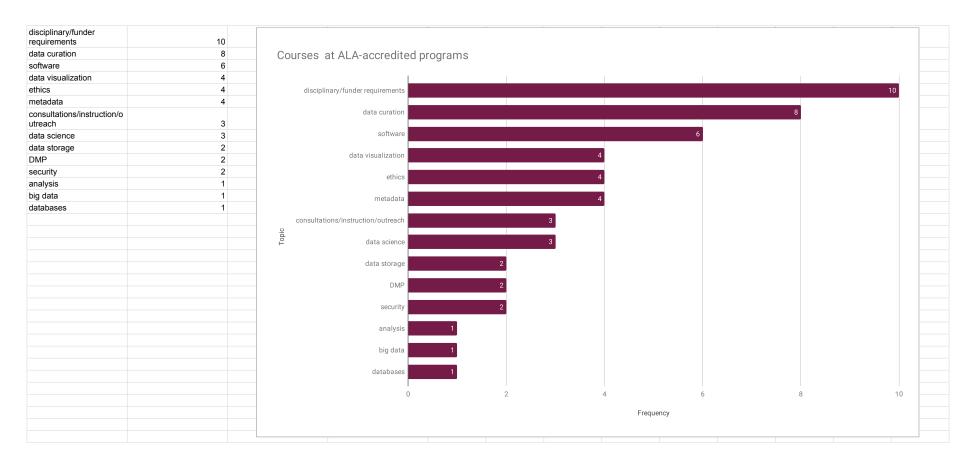
N. America	39
Asia Pacific	6
Europe	1

School	Source	iSchool Region	Course(s)/Program(s)	Pre-Requisites / Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07
			LBSCI 729, Metadata for Digital Resources. 3 hr.; 3 cr. This is a course about encoding and applying metadata standards to describe and represent electronic information as objects (e.g., eBooks, web sites, etc.) in a distributed network environment. Covers various applications in	Graduate Certificate in Archives and Preservation of	https://sites.google.com/a/qc.cuny.								
Queens College, CUNY	ALA Directory	N. America	libraries and information institutions, with a focus on the meta mark-up languages.	Cultural Materials Prereq.: LBSCI 700, 701, 702, 703	edu/gslis/programs/certificate-in-archives-and-preservation of-cultural-materials	E	metadata						
decens comp. Con 1	Charlestone)		LBSC 1782. Digital Preservation Complementing LBSC 1735. Preservation of Cultural Heritage Materials. This course examines the theory, tools technically considered the foliage and sauce sascolated with the long-term retention, preservation and accessibility of material digitally born or subsequently digitate/defromathed. Topics covered will include the characteristics of digital media, standards and quality cortrol, digital asset management, and base practices. The role of digital preservation in the process of digital remains with the highlighted Completion of LBSC of digital remains with the highlighted Completion of LBSC imaging, prior to enrollment, is recommended. The goal is individuely students to the theoretical, practical goal is of individuely students to the theoretical, practical goal	Graduate Certificate in Archives and Preservation of	https://sites.google.com/a/gc.cury_								
Queens College, CUNY	ALA Directory	N America	technological aspects of digital preservation and to place preservation in the broader context of digital curation.	Cultural Materials/LBSCI 700, 701, 702, 703; or permission of the instructor	<ul> <li>edu/gslis/programs/certificate-in-archives-and-preservation of-cultural-materials</li> </ul>	<u>-</u>	metadata	data curation	data etorana				
queens conege, convi	ALA DIRECTORY	N. Allielica	652. Metadata for Digital Collections. 3 hrs. Prerequisite:	Graduate Certificate in Archives and Special Collections Masters	https://www.usm.edu/library-information-science/graduate-		metadata	uata curation	data storage				
University of Southern Mississippi	ALA Directory	N. America	LIS 505. An overview of metadata as it applies to digital resources in libraries, archives, and museums.	Digital Libraries Specialization & Master of Information Science	certificate-archives-and-special-collections-course- information		metadata						
			Library and Information Science Certificate Program with a Concentration in: Research Data Management Learn to manage research data at academic libraries,	Graduate Certificate in Data Research Management	https://morgridge.du.edu/programs/library-and-information-								
University of Denver	ALA Directory	N. America	research service centers, scientific and research organizations, government agencies, and non-profit organizations in this comprehensive 28 credit program.	Graduate Certificate in Data Research Management Students in the Library Information Science Certificate Program will receive a Certificate in Research Data Management.	nttps://morgnoge.au.eau/programs/ilorary-ano-information- science/certificate-research-data-management/ https://www.du.edu/certificates/disclosure/lis.html		data curation	disciplinary/fund er requirements					
University of Iowa	ALA Directory	N. America	SLIS:6100: Database Systems/Data Management & Visualization	Graduate Public Digital Humanities certificate	http://www.lib.uiowa.edu/studio/files/2018/06/Certificate- Electives-2.pdf		software	data visualization					
University of Iowa	ALA Directory	N. America	SLIS:6411: Topics: Designing "Dataviz"	Graduate Public Digital Humanities certificate	http://www.lib.uiowa.edu/studio/files/2018/06/Certificate- Electives-2.pdf		software	data visualization					
			IGP/EIDS:5310 Research Data Management (3 s.h.) Introduction to data management techniques and problems encountered in gathering and processing data from biomedical investigations, introduction to SAS, techniques suight in SAS, designed for mort-bostatistics may any composition of the state of the state of the programming experience with C, C++, Python, Java, or other.	Health Informatics MS/PharmD, Ph.D., M.S. Programs	https://informatics.uiowa.edu/study-opportunities/graduate- program/health-informatics-nspharmd/ni-nspharmd- curriculum			disciplinary/fund					
University of Iowa	ALA Directory	N. America	Same as IGPI:5310, STAT:5810	College of Public Health / Biostatistics	http://catalog.registrar.uiowa.edu/courses/bios/bios.pdf		software	er requirements					
	ALA Disease		MSCI 4280 Data Security Data and network security topics to ensure confidentiality, integrity, and availability of information and assets including cryptography, access control, physical security, network and application security, and management issues	Information Science Ph.D., M.S. Programs	https://informatics.uicwa.edu/study-opportunities/graduate-								
University of Iowa	ALA Directory	N. America	surrounding information security. TED 2500 Digital Chizzenship The course is an introduction to the basic tenets of digital citizenship including legalities, ethics, privacy and security. The course fosters an awareness of digital citizenship as a topic that impacts pedagogy and programming and reflects	College of Business / Management Sciences  Library Science, BMSBachelor of Multidisciplinary Studies Library Science RS Ed (Library Science)	program/information-science/ms-and-phd-curriculum  https://online.nebraska.edu/program/university-of-nebraska.edu/program	Ŀ	security						
University of Nebraska Omaha	ALA Directory	N. America	best practice in all types of learning communities.	Bachelor of Science	1436403145980		ethics	security					
University of Ottawa	ALA Directory	N America	ISI 3831 Advanced Research Methods in Information Studies (3 units)  Advanced study of quantitative and qualitative research paradigms for the investigation of both practical and theoretical problems in information studies and the critical assessment of published research. The course addresses online data colection and analysis, eithes of internet research and relevant data analysis software, and established and emerging research methods for large data studies and an emerging research methods for large data	Master of Information Sturiles (Rilinous)	https://catalogue.uollawa.ca/en/oraduate/maste-nformation-studies-bilinoual@Coursestext		ethics	software	disciplinary/fun				
or ordered	ACC CHECKINY	re. rendition	LSC 544: Visual Information Science		The state of the s		Cunco	-unware	a. requiremedita				
University of Rhode Island	ALA Diseases	N America	(3 crs.) An introduction to the interdisciplinary study of visual information science related to visual information (data) collection, analysis, processing, transmission, utilization, and communication in modern and digital libraries and information centers.	Master's (MLIS) (Lec. 3/Online) Pre: LSC 508 or permission of instructor.	https://harrington.uri.edu/academics/library-and-information	<u>1-</u>	disciplinary/fu nder requirements	data a serias					
University of Riflode Island	ALA Directory	N. America	LSIS 5440. Data-mining and Management with Statistical	(Lec. aronima) Fie. Loc 500 or permission of instructor.	studies/course-descriptions/		requirements	uata curation					
North Carolina Central University			Analysis Applications (3) Overview of data mining and its application in business. Topics include data mining models such as decision trees, genetic algorithms, neural nets, agent network technology data mining process and discussion of practical available		http://nccuslis.org/catalog-descriptions-of-courses-with-								
School of Library and Information Sciences	ALA Directory	N. America	data mining tools.  LSIS 5830 - Metadata Applications for Digital Libraries (3)	Masters	recent-syllabi/		data science						
North Carolina Central University			Principles underlying organizing and accessing digital resources; issues of interoperability, internal and external standardization; applications and evaluations of a variety of										
School of Library and Information Sciences	ALA Directory	N. America	metadata standards for digital resources.	Masters	http://nccuslis.org/post-phppost74/		metadata						
			LI 792 Key Literacy Connections in STEM Subjects: Conducting Investigations, Analyzing and Interpreting Logical Science, Technology, Engineering, and Mathematics (STEM) teachers and school librarians collaborate as (STEM) teachers and school librarians collaborate as students to systematically plan and carry out STEM-related investigations making key literacy connections. Students learn techniques to make use of efficient and effective strategies for accessing, evaluating, and using information from diverse sources presenting data in multiple formats;		https://www.emporia.		disciplinary/fu						
			and analyzing and interpreting data through tabulating,	Masters	edu/slim/studentresources/schedules/course-		nder						

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School	Source	iSchool Region	Course(s)/Program(s)  LIS 9374A-650 (Fall 2018) Special Topic: Research Data	Pre-Requisites / Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07
			Las is a standard or the acceptant optic. Research Data This course is intended to provide a broad overview of Research Data Management concepts, theory, and practice, relying on Canadian, US, UK, and European resources, and international arothress and standards services, and the standards of t	1									
			Information Policy  Upon successful completion of readings, assignments, and class participation, students will be able to:										
			Learn RDM concepts, theory, and practice (PLLO 2);     Gain exposure to RDM for multiple disciplines (Social Sciences, Health, Science, and Humanities) and a variety of data formats (numeric, geospatial, textual, sound, video, etc.) (PLLO 8);										
			Learn about the policy landscape surrounding RDM (PLLO 2, 5);      Gain practical experience creating a Data Management										
			Gain practical experience creating a Data Management Plan – specifically, students will be introduced to the new CARL Portage Data Management Planning (DMP) Builder, and will use the DMP Builder to draft a data management	Masters Prerequisites: GRADLIS 9002 (Information Organization,	http://www.fims.uwo.		disciplinary/fu						
University of Western Ontario (Western University)	ALA Directory	N. America	pian (PLLO 4, 6).	Curation and Access, 9004 (Research Methods and Statistics)	ca/programs/graduate programs/master of library and in ormation science/course description.html?CourseId=9890	J. Moon	nder requirements	DMP					
			INFO 220. Resources and Information Services in Professions and Disciplines Examination of the nature of resources for, and services to, professions and disciplines including methods of communication, characteristics of users, and current methods of meeting research needs in libraries and information centers. Examples of focise studied include: Legal Resources,										
San Jose State University	ALA Directory	N. America	Business Resources, Maps and Geographic Information Systems, Film and Media Collections, Digital Humanities, GLBT services, Psychology of the Information User, Readers Advisory Genres and Techniques,, Data Services in Libraries.	Masters Prerequisites: INFO 210	https://ischoolapps.sjsu.edu/gss/ajax/showSheet.php? id=7564		consultations/i nstruction/outr each						
			Digital Stewardship concentration Digital stewardship is an area of information practice that involves the care and management of digital resources vore time. Digital stewards are involved in all stages of the digita resource lifecycle, including creation, appraisat, description, preservation, access, and reuse. This broad area of study incorporates digital archives, digital repositories, digital variables, and the studies of the stage of the studies of management, figilal preservation, digital curstion, and digital culture studies. Students best suited to this area of emphasias are those that enjoy working collaboratively to solve problems; those who seek to engage with diverse communities; and those who who to encourage the open				consultations/i						
University of Alabama	ALA Directory	N. America	exchange of ideas and services. Social Justice and Inclusivity concentration Students specializing in this area will gain facility in identifying, discussing, and intervening on structural	MLIS - Campus	https://slis.ua.edu/prospective-students/mlis-on-campus/		each	data curation	data storage				
University of Alabama	ALA Directory	N. America	systems of nequality such as those shaped by race, ethnicity, class, gender expression, sexual orientation, ability, religious preferences, and age. Social justice and frameworks that sudents can use to guide a range of professional practices including, information access and organization, policy development, collection development, interpersonal interactions, reference work, information outreach activities, and data management.	MLIS - Campus	https://sila.ua.edu/prospective-students/mils-on-camous/		consultations/i nstruction/outr each	ethics					
Dalhousie University	ALA Directory	N. America	INFO 6270.03 Introduction to Data Science	MLIS Advanced Technology Elective MLIS/MREM	and property and the state of t		data science						
Dalhousie University	ALA Directory	N. America	INFO 6513.03 Business Analytics and Data Visualization	MLIS Advanced Technology Elective MLIS/MREM			data visualization	disciplinary/fund er requirements					
Oniversity	. S. C. DISCOURY		2 30 10.00 Dublicos / Wallytico alto Data Visualization				disciplinary/fu	a. requiements					
Dalhousie University	ALA Directory	N. America	INFO 6681.03 Geospatial Information Management	MLIS Advanced Technology Elective MLIS/MREM			nder requirements						
Dalhousie University	ALA Directory	N. America	INFO 6540 Data Management Introduces the theory and practice of managing data, covering technology-driven solutions to the challenges of storing, curating, and retrieving unstructured, semi- scale of the control of the control of the challenges of sansessing data management regionerents, data nor data sassessing data management regionerents, data more sansessing data management regionerents, data more sansessing data database management systems, SOL, post-relational DBMSs, Big Data, and visualization.	MLIS Core Course	https://cdn.dal. cak-content/dam/dal/housie/pdf/s-chockefinformationmanagen ent/Syllab/INF-O%206540_W18_2018_01_04.pdf	n Elvira Mitraka	data curation	big data	disciplinary/fu nder requirements				
			INFO 685.03 Special Topics in Information Management: Managing Research Data Information professionals are increasingly called upon to support researchers in their efforts to manage the expanding volume, variety, and velocity of research. This course introduces the theory and practice of research data motivated an accomment have called support and and control of the comment have called support and professional consumers there is called support and the comment have called support and the consumers and the consumers and the consumers and the consumers are called support and the consumers are called the support of the consumers are called the consumers and the consumers are called the consumers are	MLIS Elective Course	https://cdn.dail. ca/content/dam/dalhousie/pdf/schoolofinformationmanagen	n Mike Smit		disciplinary/fu					
Dalhousie University	ALA Directory	N. America	policy, data management plans, data standards, data rescue, and research data services.	MLIS/MREM	ent/Syllabi/INFO%206850_F17_2017_08_03.pdf	Sarah Stevenson	DMP	requirements	data curation				

School	Source	iSchool Region	Course(s)/Program(s)	Pre-Requisites / Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07
University of Iowa	ALA Directory	N. America	IGPISLIS-6100 Data Management (Spring) Principles and practices of database design and management, discussion and practice cover database application lifecycle. data ma celeiro, relational database design. OSL queries, data material control database design. OSL queries, documentation; individual and group projects. Prerequisites: SLIS-5020. Same a SLIS-6100.	Ph.D. Program IGPI Geoinformatics	https://informatics.uiowa.edu/study-opportunities/graduate-program/geoinformatics/pid-curriculum		software	databases					
Catholic University of America Department of Library and Information Science	Al A Directory	N America	LSG 327 Introduction to Data Science 3 Credia Toreita		http://iiis.catholic.edu/academics/courses/courses-for- teterrundashes/arder html		data science	data curation	data visualization	ethics			



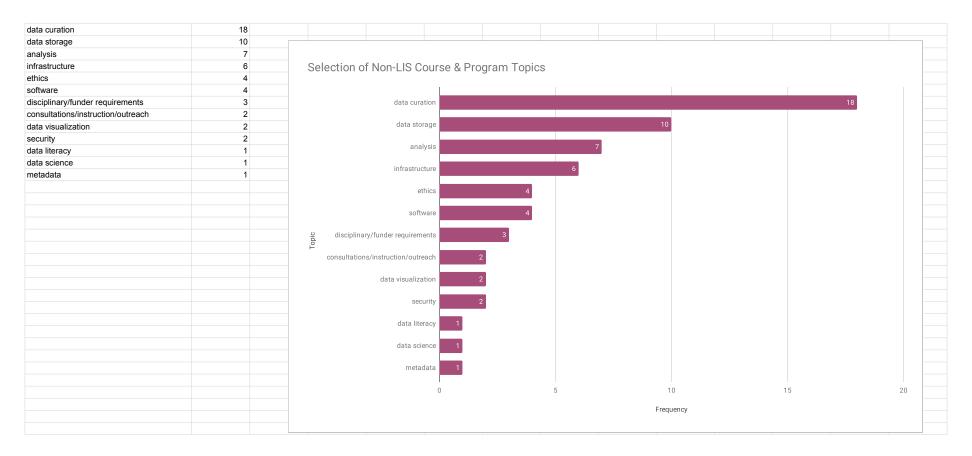
School	Source Region	Course(s)/Program(s)	Pre-Requisites / Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08
		DS35010 Digital Information: Discovery to Delivery The 21st century information professional needs to be equipped to manage digital material in a manner which best supports long-term access and preservation. This module is concerned with both the selection and creation of digital material and the complex issue of maintaining digital continuity. This requires an understanding of the stateloci.	BSc Information and Library Studies - includes optional										
berystwyth University	DCC Europe	administrative and technical issues involved.  Digital Information: Management for Access and Preservation	module in Digital Information	http://www.aber.ac.uk/en/modules/deptfuture/DS35010/	Co-ordinator Dr Sarah Higgins	data storage	data curation	infrastructure					
		ALM7420 In Semester 1 students of this module will explore and critically assess weeps in which digital information is created, acquired, organized and presented within digital libraries so as to support this discovery and delivery.  In assessed z 2 students will be provided with the theoretical knowledge and skills required to ensure the long-term accessibility is such information through the development.											
		and administration of a digital preservation programme.	MSc/PGDip Digital Curation	http://courses.aber.ac.uk/postgraduate/information-and-									
Aberystwyth University	DCC Europe	ILM0820 Records and Information Governance	MA/ PG Dip Archive Administration	library-studies-masters/		data curation	data storage						
		* Create policies, plans and procedures to ensure the security, authenticity and integrity of data/information and	MSc/PGDip Digital Curation										
berystwyth University	DCC Europe	requirement	MA/ PG Dip Archive Administration	http://www.aber.ac.uk/en/modules/deptfuture/ILM0820/	Co-ordinator Miss Jennie A Hill	data curation	security						
		DSS010 Digital Information: Discovery to Delivery (undergraduate 10 credits) The 21st century information professional needs to be equipped to manage digital material in a manner which best supports long-term access and preservation. This module is concerned with both the selection and creation of digital material and the complex issue of maintaining digital continuty. This requires an understanding of the strategic.	Undergraduate Graduate	https://www.aber.ac.uk/en/imla/short-									
Aberystwyth University	DCC Europe	administrative and technical issues involved.  Knowledge and Information Architecture	Short Course	courses/digital_information_cpd/	Sarah Higgins	data storage	infrastructure						
		After completing this short course you should be able to: explain and provide critical comment on the context and definitions, background and evolution of the principles of critically analyse the reliationship between frameworks and theories for information architecture and the study of users and organisations relate a critical analysis of the available and developing technologies for information management and information expenses of the critical analysis of the available and developing technologies for information management and information demonstrates a critical analysis of theory and technology to the application of design and strategy principles to the development of best you consider and design for it. A in- development of policy, procedures and design for it. A in-	Undergraduale Graduate	titlos//www.aber.ac.uk/en/ma/short-courses/knowledge-			data						
Aberystwyth University	DCC Europe	apply techniques for identifying trends and opportunities along with elements of uncertainty, risk and change Digital Preservation	Short Course	info-architecture-cpd-pg/	Prof. David Ellis	infrastructure	visualization	data curation					
		standards in digital information discovery and delivery	Undergraduate Graduate	https://www.aber.ac.uk/en/eria/short-courses/disital-									
Aberystwyth University	DCC Europe	1. What is data?	Short Course	preservation/	Sarah Higgins	data curation	infrastructure	data storage					
Fort Hays State University	Listerv post ACRL (Associati on of College and Research Libraries) N. Ameri	2. Why use data? 3. Data ethnic of the data of the dat	N/A	N/A - in process	Claire Nickerson Learning Initiatives & OER Librarian For Hays State University Forsyth Library	data curation	data visualization	analysis	ethics				
• • • • • •		Digital Curation Five courses online and one required on-ground internatip. Six courses, including internating and research paper The program prepares students to: Identify and describe the principles of digital preservation and digital curation. Create and assess digital preservation plans and Create and assess digital preservation plans and Demonstrate understanding of archival principles of appraisal and the management of digital disjection in tusknorthy repositories unuseums distilles to preserve oligital collections and make them accessible Identify and describe workflows for the creation and Identify and describe workflows for the creation and Demonstrate understanding of research methods and Demonstrate understanding of research methods and cricital trinking skills through the supervised research paper											
		critical thinking skills through the supervised research paper Participate in the development and promotion of best practices and standards for digital curation of cultural heritage materials											
		Become leaders in the museum and digital curation	Graduate Certificate in Digital Curation	http://advanced.jhu.edu/academics/certificate- programs/digital-curation-certificate/		data curation	data storage	infractructure	concultations	lin othics			
Johns Hopkins University	DCC N. Ameri	a communices	Graduate Certificate III Digital Curation	programs/digital-curation-certificate/				II III asii uctui e	COHSUITATIONS	III euiles			
ohns Hopkins University	DCC N. Ameri	Digital Asset & Media Management MA	Graduate Certificate III Digital Curation	programa organization de l'incate,		uata curation	uata storage	iiiiasiioctale	Consultations	intenics			

School	Source	Region	Course(s)/Program(s)	Pre-Requisites / Program	Link(s)	Faculty	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08
oution	Cource	region	4303DBDMA Databases and Data Mining in Astronomy	Tre-requisites / Frogram	Limital	Lacuty	Topic of	TOPIC 02	Topic 00	Topic 04	Topic ou	Topic do	Topic or	Topic to
Leiden University	Ad	Europe	being placed on using the SDSS databases and their derivatives. The second strand focuses on machine learning techniques including principal component analysis, density estimation, classification techniques and neural networks. The focus of the course is practical and will be	Masters Astronomy and Data Science Admission requirements Knowledge of the basis of astronomy Saste understanding of statistics Research - Astronomy and Data Science Research - Astronomy and Data Science	bttos/vistudiagids.leidenuniv. plantoconsessionovis-6-697-felabases-and-data-mining-in-	Dr. J. Brinchmann	data science	software	disciplinary/func	1 analysis				
			Digital Curation Course Aim											
			The student will be able to:  Apply digital preservation concepts and models, including characteristics and adviviles, to describe digital preservation scenarios  Analyse and adviviles, to describe digital preservation scenarios  Analyse and adviviles, to describe digital preservation concepts and models must be advived to long-term digital preservation.  Corrients  The students are introduced to the field of long-term digital preservation, and the concepts and models that are common in digital preservation. The concepts such as format, significant preservation concepts such as format, significant preparation, such as the Open Archival Information, such as the Open Archival Information, such as the Open Archival Information concepts and the such as the Copen Archival Information will be advised to the concepts and the such as the Copen Archival Information and Copen and Cop	Undergraduate Graduate Graduate To ECTS of university studies including 60 ECTS Minimum ass of Computer Science, Systems Science, Archival Science of Library and Information Science	b https://www.lbu.se/edu/course/BT/0870/DNB7007N-DioLitil bevarrander-1701147/mem&urs/fen-wkursplan									
Lulea University of Technology	DCC	Europe	understanding of contextual problems and possibilities.	Archival Science or Library and Information Science	Digitalt-bevarande-1.70114?l=en&kursView=kursplan		data curation	data storage						
	Listserv post ACRL (Associat on of College and Research	ti	SUST6120 Data, Information Literacy, and Decision Making What students learn in this course: How to attain, evaluate, and utilize data – both qualitative and quantitative releavent to addlessing contemporary problems/opportunities. How to use of decision analysis took to characterize decision-making environments that involver his or the contemporary problems of		https://www.presidio.edu/academics/mba-sustainable.									
Presidio Graduate School	Research Libraries	N. America	How to use software tools to visualize quantitative data and create compelling narratives.  Digital Curation MSc	MBA Curriculum	solutions/mba-curriculum/data-information-literacy-and- decision-making/	Elizabeth Burke	software	data curation	analysis					
			We are also interested in the following troad information Management research opportunities:  Custural heritage (including digital cultural heritage and local dutter).  Custural heritage (including research data management; creative and cultural resources and object information and significance of the control of the con	Master's degree (MSc)	https://www.rgu.ac.uk/research/research-degree-									
Robert Gordon University	DCC	Europe	(including CPD and online learning spaces)  Digital Curation Graduate Certificate	PhD	topics/1063-information-management		data curation	data literacy	ethics	data storage				
University of Maine	DCC	N. America	The curriculum's conceptual trajectory traces the stages that a curator typically follows when caring for an artifact: 1) acquiring it: 2) representing it with metadata; 3) making it accessible via a database-driven Web site; and 4) preserving it in the long term.	Bachelors or Masters The Digital Curation curriculum offers students the opportunity to complete a 4-5 course (12-15 credit) program of study leading to a certificate, or to choose individual courses most relevant to their interests and career.	http://digitalcuration.umaine.edu/		data curation	metadata	data storage					
University of Nebraska Omaha	Ad	N. America	TED 2500 DIGITAL CITIZENSHIP (3 credits)  The course is an introduction to the basic tenets of digital citizenship including legalities, ethics, privacy and security. The course fosters an awareness of digital citizenship as a topic that impacts pedagogy and programming and reflects best practice in all types of learning communities.	Teacher Education (TED) - Undergraduate	https://online.nebraska.edu/program/university-of-nebraska- at-omaha-library-science-bs-ed-library-science-bachelor- other-1438-031 45992 https://online.nebraska.edu/program/university-of-nebraska- at-omaha-library-science-bgs-bachelor-bgs- 1438-031 459800		ethics	security	consultations/in struction/outrea ch					
			This CLIP-accredited course is about the creation, management and use of digital floration and resources. It will introduce you to the strategic thinking and project, will resolve the strategic thinking and project. The strategic thinking and project for the strategic thinking and project for the strategic thinking the creation and how to design digital libraries people want to use.  Core modules  Dissertation  Dissertation  Dissertation  Dissertation and Strategy for Digital Libraries Information Retrieval: Search Engines and Digital Libraries  Information Retrieval: Search Engines and Digital Libraries  Libraries.		bttos://www.aheffleid.gc. ut/postgrad-utelf bruch/floourses/ascience/fis/electronic-									
University of Sheffield	DCC	Europe		MSc Digital Library Management	digital-library-management-msc		data curation	data storage						
Valdosta State University	Ad	N. America	CRJU 3401. Criminal Justice Data Analysis. 3 Hours. An introduction to criminal justice data analysis including the logic of science, poling, coding, data entry, data file management, and microcomputer processing of research information. Will be taught in an electronic classroom, as facility availability permits.	Undergraduate Criminal Justice (CRJU) Prerequisite: CRJU 1100 and 2500 or permission of the instructor	http://catalog.valdosta.edu/undergraduate/courses- instruction/criu/criu.pdf		analysis	data curation						
			Strategies for Evidence-Based Nursing Practice Students will erroll in a 3.0 credit hour nursing elective Strategies for Evidence-Based Nursing Practice Strategies for Evidence-Based Nursing Practice designed to provide them the opportunity to acquire nursing research skills in data collection and management, data analysis and data interpretation, along with experience collaborating with nurses and other health care providers to											
Valdosta State University	Ad	N. America	collaborating with nurses and other health care providers to implement evidence based practice.	Evidence-Based Practiced Strategies for Nursing and Health Care (project)	https://www.valdosta. edu/administration/sacs/qep/documents/qep1_nursing.pdf	Dr. Maura Schlairet (Project Coordinator) Assistant Professor of Nursing	disciplinary/func er requirements	data curation	analysis					

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Valdosta State University	Ad	N. America	MAIC 7100. Quantitative Research Methods in Communication. 3 Hours.  An advanced investigation of research methodologies used in the study of communication with in-depth study of research design and data management used to basic and research testing and data management used to basic and search of the study of the study of the study of properties of the study of the study of properties of the study of the study of interpretations of computer-assisted data analysis.	Master of Arts in Communication (MAIC)	http://catalog.valdosta.edulgraduate/graduate-courses- instruction/maic/		data curation	analysis						
Valdosta State University	Ad	N. America	PADM 9060: Information and Data Management (3 hours credit) (DPA Core) An examination of technology and information management, including hardware, software, and systems development. Particular emphasis will be placed on the management of Information resources within the public sector and the role of E-Government.	Master of Public Administration Doctor of Public Administration (?)	https://www.valdosta.edu/pa/current-classes-and-svllabi. php	Gerald A. Menwin	software	infrastructure	disciplinary/funder requirements					
Valdosta State University	Ad	N. America	PADM 7110 Information Management A survey of the issues and problems of information management. Emphasis is on modern developments in the generation, storage, classification, and transmission of information vital to the management of public organizations.	Master of Public Administration Doctor of Public Administration (?)	https://www.valdosta.edu/colleges/education/program- assessment-analytics: evaluation/documents/svlabl/PADM7110.pdf	Mary Eleanor Wickersham, D.P.A.	data curation	data storage						
Valdoda State University	hA	N. America	SOCI 7021 Statistical Applications in Sociology Evaluation of social statistics and data management for applied research problems. Students will use computers to written analyses of research problems. Students will gain skills in determining wichs statistics to use for particular research problems and designs, which statistics provide the most practical means for reading and will accomputer software is available to facilitate data what computer software is available to facilitate data analysis in accology. (Requires time in the computer		https://inexex-valdosta.edu/soc/jsociology/ms-grad- prosentine-sociolom-co-uses-the		software	data curation	analysis					

Training Non-LIS-Topics



Pre-Requisites / Program	Masters	Bachelors	Graduate	Doctorate	N/A
Total	13	9	5	2	1
Masters Astronomy and Data Science					
Admission requirements Knowledge of the basics of astronomy Basic understanding of statistics Some knowledge of Python / Graduate / Astronomy Research - Astronomy and Data Science	1				
BSc Information and Library Studies - includes optional module in Digital Information		1			
Graduate Certificate in Digital Curation			1		
Undergraduate Criminal Justice (CRJU) Prerequisite: CRJU 1100 and 2500 or permission of the instructor		1			
Undergraduate and Graduate Evidence-Based Practiced Strategies for Nursing and Health Care (project)	1	1			
Library Science, BS Ed (Library Science) Bachelor of Science					
Library Science, BMSBachelor of Multidisciplinary Studies		1			
Master of Arts in Communication (MAIC)	1				
Master of Public Administration Doctor of Public Administration (?)	1			1	
Master of Public Administration Doctor of Public Administration (?)	1			1	
Master of Science in Sociology					
Prereq: Successful completion of undergraduate statistics course or permission of the instructor.	1				
Master's degree (MA)	1				
Master's degree (MSc)	1				
MBA Curriculum	1				

Training Non-LIS Analysis-Level

Pre-Requisites / Program	Masters	Bachelors	Graduate	Doctorate	N/A
Undergraduate Graduate Graduate Minimum 120 ECTS of university studies including 60 ECTS in the areas of Computer Science, Systems Science, Archival Science or Library and Information Science		1	1		
MSc Digital Library Management	1				
MSc/PGDip Digital Curation MA/ PG Dip Archive Administration	1				
MSc/PGDip Digital Curation MA/ PG Dip Archive Administration	1				
N/A					
Short Course		1	1		
Short Course		1	1		
Short Course		1	1		
Bachelors or Masters The Digital Curation curriculum offers students the opportunity to complete a 4-5 course (12-15 credit) program of study leading to a certificate, or to choose individual courses most relevant to their interests and career.	1	1			

Market   M	Organization(s)	Focus	Who's Eligibi	Time le Commitment	Certificate? Degree?	Online? In person?	Cost	Link(s)	Instructor(s)/ Organizer(s)	Topic 01	Topic 02	Top	pic 03	Topic 04	Topic 0	35 Top	pic 06 T	Topic 07	Topic 08	Topic 09							
Part	•		[Users] Subject liaison Ibrarians     Serior Ibrary administrators middle management, and departme heads     Technical services Ibrarians and staff     Other	n ik.																							
Part		Building your Research Data Management Toolik: Integrating RDM into Your Listion Work Research data management has enlarged as a need among existence researchers and lateral are building skills in septime. This one's your schools passion lateral to researchers and lateral skills and mindests that transfer to research data management services and their create a harming plan for the RDM septice. Novelides needed to serve that subject descriptions. Tools,	campus partners involved in research, sponsored programs, technology				Recommended \$2,000 budget total for these expenses in addition to the		Kristin Briney Christina Chan-Park Abigail Goben Megan Sapp Netson Laura Britaniba		consultatio	ional disc	ciplinaryifu														
Part	ACRL	with other Dickle service provides.  ACE, Research Date Marginer Filed Strong, and other to relate the service of the topical of the topical of the control of the topical of the control of the topical of the control of the control of the topical of the control	s intended for tialsons who are seeking to engage with research data management for the first time, or who have a very basic	1 day	NIA	In person	Domain se	COLD MACH IS A STATE OF THE COLD AND AN ACCOUNT OF THE COLD AND ACCOUNT OF T	Kristin Briney Christina Chan-Park Abigail Goben Megan Sapp	infrastructure																	
Part	ACRL NNLM	management interview plain in order to facilitate faculty engagement.  See publication in folder  AA 2015 Annual Conference implementing Linked Open Data in the Real World  1. Linked Date for Production: Pathway to Implementation (LD4P Phase 2)	knowledge of research data management.	1 day	N/A	In person	expenses in addition to the license fee	https://indm.gov/classes/lacri-usearch-data, miniagement-roadshox	Laura Palumbo Sarah Wright	infrastructure	consultation restruction each	ansi disci fouti nder requi	iplinaryifu if uirements	DMP													
August   Part	ALA ALCTS Metadata Interest Group, in conjunction with the ALCTS/LITA Linked Library Data Interest Group	Presented by Philip Schreur, PAD (Stanford University)  2. Linked Data IRW workflows at the Digital Verginal is DPLA Hub  Presented by Juneary Statistics (University of Verginal)  3. Rain Materials Christop Schreus, from Modeling to Implementation  Real Materials Christop Schreus, from Modeling to Implementation  Presented by Jason Kovari (Cornell University) & Francis Lepha (Yalle University)	Conference attendees	1 hour	N/A	In person	Conference registration \$160-475 ALA Member:	https://www.eventsoribe.com/2018/ALA- Annual/biPopup.ase/2 Mode-prestnfc8/Presentation/D=350572	Linked Library Data Interest Group	metadata	data stora	age oper	an data														
Part					N/A	In person	Member: \$170 Non-Member: \$210 - LITA Member: \$140	https://www.eventscribe.com/2018/ALA- &emialfsPorum.ass2 Modewpresinfo8.Presentation/D=379935	Mark Eaton Robin Camille Davis Jean Ferguson	software	hands-on	metr	tadata	analytics													
Part	ALA ACRL, ACRL_DSS	ALA 2018 Annual Conference Bridging the Capt Supporting Stubject Liaisons to Become Ambessadors for Digital Scholarship in ALA 2018 Annual Conference Delinera Against the Dark Arist Techniques and Practices to Protect User Privacy When Conducting Data Analysis.	n Conference attendees	1 hour	N/A	In person	Conference registration \$160-475	https://www.uventscribe.com/2018/AL.A. Aermalfillip/courses/2 Mode=presinfo8.PresentationID=9592518.rysey =data	Pamella Lach Brianna Marshall Rita Vine	data visualization	consultation restructions each	onsif Jour infra	astructure														
Part	ALA LITA	Loranies are licacid with the competing needs to protect the privacy of their cases while at the same time analysis the case of the case	Conference attendees	1 hour	NIA	In person	Conference registration \$160-475	https://www.eventscribe.com/2018/ALA- Annual/SP-ppup.asp? Modewcrastinfs&Presentation/D+352355&query edata	L	analytics																	
Part	AN A VAN SA	It is the state of a state of the state of t	n Conference	1 hour	NIA	In nerson	Conference registration 8180.275	https://www.eventer/the.com/2018/ALA. Acmanich/Coop.miet? Modescens/infe/Transaction/D=852568.even	Leanne Bowler Amelia Arker	riata literary	consultation restruction	ionali nioutr	Busino														
## Part		Visual Oproposium on Research Data Managament (2016). The Association to Enter of Centrust Services (ACCTS) will present a two-day resourced for the Centrust (ACCTS) will present a two-day resourced-only building resourced for building resourced for the Centrust (ACCTS) will present a two-day Ashockes will sum resourced-only building resourced for the Centrust (ACCTS) will present the Ashockes will sum replicates before Asio Services (ACCTS) will present the Asio Services (ACCTS) will present a two-day Services (ACCTS) will pr			NO	In person Online	ALCTS member or international member: \$89 erfrie symposium; \$43 for one session Group ALCTS member: \$150 erfrie symposium; \$50 for one symposium; \$50 for one symposium; \$50 for one session Group non- member: \$266 erfrie symposium; \$120 for one session Group non- member: \$266 erfrie symposium; \$120 for one session			historia		disc ride	ciplinary/fu er														
As A CETS Wholeast The bear of distings resigned entitles of the permitted sequence of the permitted of the permitted sequence of the permitted of the permitted sequence of t		AACTS Withdraws (scamples from Spring) Way 2 Lisealized Schooligan of Configuration Resources Way 2 Lisealized Schooligan of Configuration Resources Way 30 Hostopicals to Rev Libraries, Part 1 Lily 30 Hostopicals to Rev Libraries, Part 2 Lily 30 Hostopicals to Rev Libraries, Part 2 Lily 30 Hostopicals to Rev Libraries, Part 3 Lily 30 Hostopicals of Configuration of College Col	Span	a cony a			Fee (complete series) ALCTS member \$59, non member \$95					Topic															
Research Clark Management float Participal and Reformation and Professional Confession and Secretary Confession and Secre	ALCTS	May 22.29. Pleased and Falson Challenges of Cataloging Spocial Collections Makerial foreign Gesearch Chair sin the Library. Expanding the Horizons of Institutional Repositionies An ALCTS Wickcast.  The Cost of Cilerary, emerged institutional repositionis has for believe on document like items (published articles, preprint, theses, reports, working papers, etc.) but there is growing demand to be pupil their case from agreems cut in a section for executive property and personnel data, neurormages, etc.). This webcast explans how this are including this type of collection, what [trainism and be lower in order of mainings such collection, and a few cases.	Open	Dependent	N/A	Online			Varies		data stora	ge															
ABERT FOR semontary in this fact any principle register in the princip	ALCTS	Pleasant Notal Management Basif Practices and REDChap This website was presented to Describer 2 CVT. This website was Septement to Describer 2 CVT. This website was presented to Describer 2 CVT. This website was presented as collection immangement plan. Once the information accounted, the website was formation to an demonstration and discussions of REDClap—a data management plantim used by research teams across the world.  REDClap—a data management plantim used by research teams across the world.  The contraction of the second, standards with the National CVT.  The importance of thinking through seal world shudy sequirements and logistical world for before stating collection of desiring through seal world shudy sequirements and logistical world for before stating collection of desiring collect	Open	N/A																							
Wee-Many Boon	ALCTS CE	Practice implementation exercise and overview of REDCsp—a data collection and management platform available at no cost to academic, non-profit and government institutional partners	Open	N/A	N/A	Online materials Online	Free ASIS&T	http://www.aia. org/aicts/confevents/upcoming/webinar/120716/ https://www.asist.	Paul A. Harris	software	data stora	age															
Wee-Many Boon	ASIS&T / DCMI			1 hour	N/A	Online materials Online	membership ~\$40-140 ASIS&T	org/exembalwebinars/introduction-to-metadata- application-profiles/	Karen Coyle	metadata																	
Wee-Many Boon			ASIS&T members			Online materials	membership ~\$40-140 \$43 (individual member, single webinar)-310 (amun	https://www.asist.org/events/webinars/domi- 712/	Steve Brewer	analytics	metadata	data	a science														
The mean of the second control of the second	Association for Library Collections and Technical Services (ALCTS)		Open			Online	complete series)	http://erwer.alia_ grg/likit/sitoonikavants/upcoming/webinarihttotolik	Wee-Ming Boon				a salization														
The state of the s	Australian National Data Service (ANDS)	Heatm are Medical Date Funders and Publishers (short Lunchtime Bibs webhars in May 2017). The Australian National Data Bervine (ANDS) is hosting a series of three short 30 minute lunchtime Health and Medical Data webinars in May 2017 which aim to support batter.	0000	1.5 hours total (30 minute	l N/A	Online	N/A	http://blogs.unimelb.edu.au/researcher- library/2017/04/04/health.and-medical-data- funders and publishers short-funchtime-bles- meliane in man 2017/	Jeremy Kenner Peter D'	disciplinary/fu nder	athir-		nuribs														
Deligibility Review Burk (25 Loss) (cultivate Pre-Contract Control Excellent State (25 Loss) (cultivate Pre-Control Excellent State (25 Loss) (cultivate Pre-Co	University of Melbourne Library  Beyond the Numbers 2018 Federal Reserve Bank of St. Louis	Round the Number Confessor: The Economic Data Economics	Open	3 days				https://esearch.stlouisled. org.com/instross/bayond-the-	U-igna	disciplinary/fu nder	ancs	secu	bunes.	consultation restruction/s	ns/i outr												

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Organization(s)	Focus	Who's Eligible	Time Ole Commitmen	Certificate? nt Degree?	Online? In person?	Cost	Link(s)	Instructor(s Organizer(s Jian Qin, Synacuse University, Chair	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08	Topic 09						
								Syracuse University,															
								Chair															
	Big metadata exists in bibliographic, indexing, and research data repositories and is an important							Chaomei Chen, Drexe University	'														
	Big metadata exists in bibliographic, indexing, and research data repositories and is an important part of the spherinfrastructure supporting information and data management, discovery, shaling, visible compared to the one for management, discovery, shaling, and resear of information and data. Research in big metadata analytics has been nyturnic and encorprisesses a wide range of logic, methods, and applications that have been listedied and belicheratics, caliform analysis.							Jane Greenberg, Drexel University															
	data. Research in big metadata analytics has been dynamic and encompasses a wide range of topics, methods, and applications that have been labeled as bibliometrics, citation analysis, releastmentries, and information. Now family received the first metadate such as I label Data are							Drexel University															
	also gaining momentum.  As big metadata is pivotal for the data-intensive research, learning, health, and business, there							Jeff Hemsley Syracuse University	١.														
	has been a lack of discussion on what big metadata analytics encompasses, what theoretical, methodological, and computational issues need to be addressed, and how it might be applied to support decision making at team, organizational, and even national levels. Although using							Dietmar															
	bibliographic metadata as the data source in research has a long history, using big metadata in data repositories is still a new area waiting to be explored. The purpose of this workshop is to							Dietmar Wolfram, University of Wisconsin at Milwaukee															
Big Metadata Analytics: Setting an Agenda for Data-intensive Future (BMA2018)	Specia, methods, and applications for fair them been belief as a bidenestics, claims on any accommodate, and imprinces have been presented on English section of English section and a citized Dala and Asi Englished any south of for the data-sensitive seasons, bearing, Beath, and business, there are controlled any controlled produced any section of the data section in season of the data section in the data section	Open	8 hours	No	In person	Cost of annual meeting	http://metadataetc.org/BMA2018/bma2018.ht	Milwaukee	analytics	big data	metadata	security	infrastructi	re .									
				No	In person		https://digitalcommons.du. edu/collaborative/ibrarianship/voll/iss1/4/		metadata														
CESSDA ERIC (the Consortium of European Social Science Data Archives European Infrastructure Consortium)	Canazian United class commits  Research Data Management Plans  CESSDA Training can help you to write a plan, assess the data management needs of your particular project, and assist in identifying solutions for long-term preservation and data reuse.	Social	NIA	N/A	N/A	N/A	edulcollaborativelibrarianshiptyothiss 1/4/ https://www.cessda.eu/Research- infrastructure/Training/Research-Data- Management, Plans	NA	DMP	data storage													
	CESSDA Training events held regularly are:																						
CESSDA ERIC (the Consortium of European Social Science Data Archives European Infrastructure Consortium)	Introduction to Research Data Management for Social Scientists First steps towards digital preservation Teaching an introductory workshop in digital preservation (train the trainers) CESSOA Expert Seminar (in cooperation with CESSDA partners)	Social scientists					https://www.nessda.eu/Research. Infrastructure/Training/Customised-Training																
	CESSDA Expert Seminar (in cooperation with CESSDA partners)  Expert Tour Guide on Data Management	scientists	N/A	N/A	N/A				data storage														
CESSDA ERIC (the Consortium of European Social Science Data Archives European Infrastructure Consortium)	Expert Tour Guide on Data Management This tour guide by CESSOA ERIC (the Consortium of European Social Science Data Archives European Inflastructure Conscrium) aims to put social scientists like yourself at the heart of making their research data findable, understandable, sustainably accessible and reusable.	Social scientists	N/A	No	Online	N/A	https://www.cessda.eu/Research- infrastructural fraining Expert-Tour-Guide-on- Data-Management	(DANS)   Project leads	r data curation														
CESSDA ERIC (the Consortium of European Social Science Data Archives European Infrastructure Consortium)	Research Data Management The CESSDA User Guide on research data management	Social scientists	N/A			N/A	https://www.oessda.eu/Research- Infrastructure/Training/Research-Data- Management	NA	data curation														
Infrastructure Consortium) CESSDA ERIC (the Consortium of European Social Science Data Archives European Infrastructure Consortium)				No	Online	NIA	Management https://www.cessda.eu/Research-		data curation	DMP	data storaç	ige ethics											
Infrastructure Consortium)	Data Archives and Digital Preservation The CESSDA User Guide on digital preservation	Social scientists Librarians	NA	No	Online	N/A	Digital-Preservation	NA	data storage	metadata	security												
		curators, faculty, and																					
		professionals from the Unite	k ned																				
	The meeting will bring together researchers, librarians, curators, faculty, and other professionals	abroad to wor toward	rk																				
Community Standards for 3D Data Preservation (CS3DP) Forum 2	The meeting will bring together researchers, Steraians, curators, facuty, and other professionals from United States and aboutd to confine work toward evolutionment of interdisciplinary, community developed standards for 3D data preservation. This event will include preservations and discussions on best practices, management/biosage, metalata, rights/ownership, and accessificon-reality of 3D data, as well as the organization of fature effective and consideration of their effective processing the state of th	scientists Librarians, curations, faculty, and other professionals from the Unite States and abroad to wor toward development standards for 3D data preservation	of		In person Online materials																		
(CS3DP) Forum 2	access/discoverability of SO data, as well as the organization of future efforts.	preservation	2.5 days	N/A	materials	N/A	https://osf.jo/ewt2h/wiki/home/	Rachel	data storage	metadata	ethics												
								Rachel Leventhal- Weiner Data Engagement Specialist Designs creative CTData academy workshops to increase dat iteracy rhw@cdata. org															
								Engagement Specialist															
								creative CTData															
	Data Basica							workshops to increase dat	:														
Connecticut Data Collaborative	This is the CTData Academy's introductory session designed to expand data literacy. Participants						http://deleta.com/con/2019/blabahana	iteracy riw@ctdata.															
CTData Academy	This is the CTData Academy's introductory session designed to expand data Blensy. Participants come away with a grader and restancing of data collection and analysis and a more direction lyer Digital Preservator Training Programme, DICTP Our courses seek to demysfly digital preservation; concepts that are hard to understand are clarify explained. We address the gain skills inconsecting currently faced by archivists, records managers, thereion, currains, and manusors tald.	Open	3 hours	No			http://ctdata.org/academy/sept2018/bhebroni (example)	uy	data literacy	open data													
	Our courses seek to demystify digital preservation; concepts that are hard to understand are clearly explained.  We arthrost the nan in skills / innerelative remembridance the archivists, records managers.					Access to the																	
	Strarians, curators, and museum staff.					programme can be purchased	h																
	Li What is Ogital Preservation, and why do we need it?  2. Approaches to digital preservation.					as 14 individual courses	1																
	3. A detailed CNIS-like workflow for digital preservation 4. What are File Formats 5. Tools for File Formats					meaning that students can pick and																	
	Metadata types, and their uses for digital preservation     Storage configuration for digital preservation     Definite and personation for the Land Community					choose courses that will align																	
	Making digital content accessible for users     Legal issues affecting digital preservation	Open				and interests. Individual																	
	Morante, control, and molaries and Characteristics and control and Characteristics and	Records Managers	d 2 days worth			courses cost between £30 and £50.								consultations	ns/i								
CoSector - University of London	14. Risk Management and Risk Assessment	Archivists and Librarians	d 2 days worth material	N/A	Online Face-to-Face	(14°30=\$420, 14°50=\$700)	https://www.cosector.com/digital-preservation training/frg+training	£	data storage	metadata	security	ethics	infrastructi	rstruction/ou re each	ult								
	Lunch and Learn with Code Ocean In preparation for the Code Ocean Workshop as part of Open Access Week, join us for an introduction and demo of Code Ocean.																						
	Researchers and students can now not only make their code and data available for their academic papers, but also enable others to reproduce the results with a single-click. Code Ocean																						
	Researchers and students can now not only make their code and data available for their academic papers, but also enable others to reproduce the results with a single-click. Code Ocean is an easy-to-use executable report, and reproducibility platform that facilitates reproducibility, replication, and resist of research code.							Speaker:															
	This demo will provide an overview of the Code Ocean platform and explore benefits such as:							Hewgley, Director of															
	Preservation: Code will work today, tomorrow, next week, next year. Impact: Enable easy reuse of code to extend research. Advanced ten's Saite of today which follow recroducibility best tractices.							Speaker: Travis Hewgley, Director of Institutional Partnerships Code Ocean															
Countway Library Code Ocean	impact. Entable liable yelicide for color in observant repeaturity.  Advanced facil: Suite of tools which follow repeaturity for Color in observant repeaturity.  Collaboration: Code is easily as share and discover.  Speaker: Transit Hengley, Director of Institutional Partinerships, Code Ocean	Open	1 hour	N/A	In person	Free	https://ibcal.ibrary.harvard.edu/event/435058		n data storage	security													
	Integrating reproducible best practices into biomedical and clinical research: A hands-on workshop for researchers  Countway Library Open Access Week Program																						
	With the aim of improving the reproducibility of the research they publish and fund, journals and funders are increasingly calling for multiplied research to share accomplated materials. However																						
	With the aim of improving the reproducibility of the research they publish and fund, journals and funders are increasingly calling for published research to share associated materials. However, many researches have not received training in the best practices and tools for reproducibly sharing their research.																						
	This workshop inhoduces reproducibility best practices for biomedical and clinical research. We sell provide a savely of the history and cornect landscape of reproducibility and identify the hard provided of the producibility and identify the hard promotion and official researchers overcome barriers to propulously the opportunities and producibility and produced barriers and produced the producibility and produced barriers are produced by the produced barriers and produced barriers are produced by the produced barriers and produced barriers are produced by the produced barriers and produced barriers are produced by the produced barriers are produced by the produced barriers and produced barriers are produced by the produced by the produced barriers are produced by the produced by the produced barriers are produced by the produc																						
	barriers. We will present practical solutions and resources. Finally, we will demonstrate tools that help biomedical and clinical researchers overcome barriers to reproducibility and practice using these tools during hands-on activities, including how to share their research code using Code							April Clybume-															
	Ocean. Workshop coals:	Biomedical or dinical	r					Sherin, Director of															
Countway Library, Office for Postdoctoral Fellows, Harvard Dataverse Code Ocean	Learn best practices for creating a reproducible biomedical or clinical research project	Biomedical or clinical researchers who use code in their research and wish to share	•				https://hirdm.library.harvard. edu/event/integrating-reproducible-best-	April Clyburne- Sherin, Director of Scientific Outreach, Code Ocean															
Harvard Dataverse Code Ocean	Learn best practices for creating a reproducible biomedical or clinical research project Assess reporting guidelines for transparent reporting of biomedical and clinical research Submit code and data for publishing on Code Ocean	research and wish to share	it 2 hours	NA	In person	Free	practices biomedical and clinical research- hands-workshop	India Coldma	n security	software	hands-on												
CSIRO	Good Enough Practices in Research Data Management Based on FAIR principles and "Good enough practices in scientific computing"	In process	In process	In process	In process	In process	Tweet @machinical 2018-08-22	Carmi Cronji	disciplinary/fu nder requirements														
	IDCC16 Workshop	Librarians, researchers,																					
Data Curation Contro	professionals who need to develop and advance their organisation's support for research data management. Participants will gain practical knowledge about how to scope, implement, refine	and technolog support	gy		In person		http://www.doc.ac.uk/workshopsindm-services idec11	L	disciplinary/fu nder requirements		consultations restructions	ons/i /outr											
Data Colation Centre	and sussess their runn services along with polities to userus their look and resources.	Researchers, digital	i I Gay	NA	in person	NIA	0211	N/A	requirements	Pinastructure	e each												
		repository managers, sta	self																				
		information ar research	nd																				
		organisations, data curators, data centre	k.																				
	Research Data Management From (RDMF)	managers, da scientists, research	ata																				
	Our Research Data Management Forum events bring together researchers, digital repository managers, staff from library, information and research organisations, data curators, data centre	funding organisations																					
Data Curation Centre	managers, data scientists, research funding organisations and research networks. The events are organised thematically, with a mixture of presentations and breakout and discussion sessions. Introduction to Research Data Management	and research networks	2 days	N/A	In person	N/A	http://www.doc.ac.uk/events/research-data- management-forum-rdmf	NIA	data science	security	data curati	tion infrastruct	ture										
	Land held products for carefur a sepreductive boundary or critical research program.  Assess sourcing splanter to improve processing formations and official research  flowers and productive for the productive formation of the																						
	nart-say workshop provides an introduction to research data management and curation, the range of activities and roles that should be considered when planning and implementing new projects, and an overview of tools that can assist with curation activities. A key goal for these workshoos is	1																					
	to bring together different communities of practice to share their experiences and to identify where, when and how they can best cooperate to meet data curation challenges.																						
	By the end of this workshop participants will be able to:																						
Data Curation Centre	unormature surrouse requirements for data management and sharing learn how research data management and curation can facilitate data sharing and help to increase citations								disciplinary/fu														
Robert Gordon University, Aberdeen Sheffield Hallam University	understand what a data management plan is and how to go about completing one be aware of some of the free services and tools available	organizations	Half day	N/A	In person	Free, internal	http://www.doc.ac.uk/training/do-101/rgu		disciplinary/fu nder requirements		security												
Data Curation Centre University of Cape Town (UCT)		support staff a the University	at y		In person Online materia		http://www.dcc.ac.uk/news/ucl-strategy- workshop		disciplinary/fu nder requirements														
University of Cape Town (UCT)	MDM in South Africa - UCT Research Data Management Policy and Strategy Workshop	of Cape Town	n 2 days	N/A	Online materia	s N/A	workshop	Joy Davidso	requirements	infrastructure	e security												

			Time	Certificate?	Online? In			Instructor(s)	,																		
Organization(s)	Focus Specialized Data Curation Workshops	Who's Eligi	ble Commitmen	Certificate? nt Degree?	person?	Cost	Link(s)	Organizer(s)	Topic 01	Topic 02	Topic 0	03 To	opic 04	Topic 05	Topic	: 06 To	opic 07	Topic 08	Topic 01	9							
	Specialized Data Curation Workshops The Data Curation Network is pleased to announce the launch of a series of three free specialize that Curation Network is pleased to announce the launch of a series of three free specialize data curation volkshops. These 1 5 day long training sessions will bring together library data specialized data curation.	d																									
	Attendees will:																										
	Increase understanding of data curation practices and tools in various disciplines, data types, and formats. Share expense and enhance curation capacity for Ibrarians nationwide. Most like-minded colleagues who are interested in building and extending curation practices at their institutions.	Data libraria subject	ns, 1.5 days /				https://sites.google.																				
Data Curation Network	Share expertise and enhance curation capacity for librarians nationwide  Meet like-minded colleagues who are interested in building and extending curation practices at  Back institutions.	specialists, a t functional	and workshop (o attend 1	nly	In person	Essa	https://sites.google. com/site/datacurationnetwork/ https://sites.google. com/site/datacurationnetwork/workshops	N/A	data curation	restruction/ou	utr utr																
Data Collabor Herinox	Med 1th-e-imited critisques who are interested in building and externing cursion practices at their installation.  The ESP Predientain, in cooperation with NOAA and the Data Conservancy, seeks to plane the action of the Conservancy of the Conservancy seeks to plane the seeks to support workforce development for men data management professionate. Over the next several years, the ESP Federation expects to evolve basings courses which seeks to improve the conductanizing of secretific data management among scientists, emerging scientists, and data preferences of all corts.		waranopy	NA.	in person	1100	Commissional and the incommission of the	16.0	Cata Colaton	eac.																	
	as to support workforce development for new data management professionals. Over the next several years, the ESIP Federation expects to evolve training courses which seeks to improve the	Scientists e Data							disciplinary/fu																		
Data Management Short Course for Scientists	understanding of scientific data management among scientists, emerging scientists, and data professionals of all sorts.	managemen professional	it is N/A	NA	Online materials	Free	http://commons.esipfed. org/datemanagementshortcourse	NA	nder requirements	metadata	ethics	se	ecurity	DMP													
		Open																									
	Gain mastery of the Databricks Platform with in-depth, interactive, self-paced training. Learn about teopics you care about most, on your own time and at your own pace.	Audience: D	vata																								
	the topics you care about most, on your own time and at your own pace.	Secondary Audiences:																									
Databalata	Gain mastery of the Databricks Platform with in-depth, interactive, self-paced training, Learn abor the topics you care about most on, you own time and all your own pace.  Learn by doing: run and write Apache Spark code in minutes. Each self-paced course contains telescens with demost and hards on exercises.  The skills concern and hybrids one secretary of the contractive of the packet of the contractive of t	Data Scienti and Engines	sts Course irs licenses for	1 N/A	Online		https://databricks.com/training- querview/training-self-paced		hands-on																		
Lieutrios	The skills people and businesses need to succeed are changing. No matter where you are in you	ır						N/A	nangs-on	SOTMATE	Clatta SC	iciense an	narytics														
DataCamp/DataCamp for the Classroom	The shall papels so find insensess need to socioed are changing. No malter when you are it you Challenge, you lain data solvines being and quight favorers.  Data Chang, you lain data solvines being and quight favorers.  Data Sangarent Stalland point.  Destinations of the solvines being and quight favorers.  Data Sangarent stalland point.  Destinations of the other solvines be their data management and is ones to be dred data management and is ones to be dred data management and in ones to be dred data management and in ones to be dred data management and in one of the solvines solvines are destinated to the solv	Open	3+ hours	Available	Online	education	https://www.datacamp.com/groups/aducation	NIA	analytics	software	data so	cience															
	The Data Management Skillbuilding Hub contains resources for better data management and is open to community input and update. These resources are adaptable across a range of contexts																										
	and intended for use by researchers, teachers, librarians, or anyone who wants to fearn better data management practices. Each tile below links to community contributed education materials,							Community Engagement and Outreach Working																			
	such as best practices and tesson plans. The resources presented on the Data Management Skillbuilding Hub can be updated by users to moreote a rument well-maintained and sustainable advantaged tool.				Online			Working Group at																			
DataONE		Open	NIA	NA	Online materials	Free			DMP	metadata	security	ity da	ata science	ethics	data o	curation											
							https://www.dataone.org/dataone-users- group/2018-meeting?	Community Engagement and Outreach																			
DataONE	2018 DataCNE Users Group Meeting DUG 2018: Building a Community of Scientific Data Repositories in an Open Science Landscape	Oner	N/A	NIA	In person Online materials	N/A	https://www.dateone.org/dateone-users- group/2018-meeting? utm.sourcie-meeting?utm.medium-emailSu tm.cempegn-register.now.for.the.dateone. users_group_meeting&utm_term=2018-06-20	Working Group at	motor	infrastructure																	
										disciplinary/fr nder requirements	fu																
DataTrain Archaeology Data Service	Open Access Post-Graduate Teaching Materials in Managing Research Data in Archaeology	Open	N/A	N/A	Online materials	Free	http://archaeologydataservice.ac. uk/leaming/DataTrain.xhtml	JISC	DMP	requirements	ts																
	Upon Access Productionals reasoning institution and managing research Load in Accessing State of Facility programs assignment (Resp. State) and assignment (Resp. State) and the (Resp. State). The control of the (Resp. State) are supported in the Control of the (Resp. State) are supported in the Control of																										
	"Disciplinary RDM Training The JISC Managing Research Data programme funded five disciplinary training projects under DDMTrain. The proceeding bank of describes for																										
	The training materials they created are mapped to the lifecycle model below. The projects were:																										
	CARDO portioning aris Martinar - American para desirance of the Cardon part of the Cardon para desirance of the Cardon para desiranc																										
	DMTpsych - psychology DMTpsych - psychology Research Data MMTBB - neneripares sorial sripare & riiniral reuntrelaw																										
	Other useful courses (not mapped onto the lifecycle below)																										
Digital Curation Center (DCC)	Research data bootcamp - general introduction UK Data Sarvice - training videos covering a variety of topics for the social sciences VADSHR toolist - ordine training modules in RDM for visual arts researchers*	Open	N/A	NIA	Online materials	Free	http://www.doc.ac.uk/training/train- trainer/disciplinary-dm-fraining/disciplinary-	NA	data curation		softwar		ata storage		secur												
Digital Curation Center (DCC)	VALISAN toolets - online training modules in HDM for visual arts researchers* DC 101	Open	NIA	NIA	materials	Free	com-training	NA	data curation	DMP	softwar	are da	ata storage	ethics	secur	ty											
	Digital Curation 101 employs the curation lifecycle model sections as a means of presenting content to students.																										
	The DCC is keen to support the reuse of our generic training materials as the basis of more specific training aimed at different disciplines and/or institutions. Our generic materials are accessible below for review and tabloring.		NA		Online materials	Free Reusable	http://www.doc.ac.uk/training/train-the- trainerido-101-training-materials	NA					frastructure	consultation retruction/o	ons/i loutr												
Digital Curation Centre	accessible below for review and tailoring.	Open	NA	NA	materials	Recisable in the UK £1480 for a half-day session with one trainer £2340 for a half-day session with two trainers £3180 for a full day which covers two trainers	trainerido-101-training-materials	NA	data curation	data storage	e DMP	int	rinastructure	each													
						£1460 for a half-day																					
						one trainer																					
						half-day session with																					
						two trainers £3180 for a full																					
						day which covers two																					
						Outside of the																					
						UK £470 per day +																					
						Estimated travel costs + A																					
						of £45 per trainer, per day																					
						Outside of the UK £470 per day + Estimated travel costs + A subsistence for of £45 per trainer, per day out of the office + Incidental airport transfer costs																					
						airport transfer costs																					
						Online Prines start																					
					In person Online materials	Online Prices start from £840 for a half-day session																					
Digital Curation Centre	Digital curation training RDM for librarians The course covers	Varies	Varies	N/A	materials	session	http://www.doc.ac.uk/training	NA	data curation																		
	The course covers:																										
	Date management planning Date sharing																										
Digital Curation Centre University of Northhampton	Research data and RDM Data management planning Data sharing State sharing State State RDM	Open	3 hours	N/A	Online materials	Free Reusable	http://www.doc.ac.uk/training/rdm-librarians	NA	DMP	security																	
	Fill dat Normarpine  2018 of 11 Oligia di Laway Prelagogy Twifer C set  2018 of 11 Oligia di Laway Prelagogy Twifer C set  2018 of 11 Oligia di Laway Prelagogy Twifer C set  2018 of 11 Oligia di Laway Prelagogy Twifer C set  2018 of 11 Oligia di Laway									consultations	ns/i																
Digital Library Federation	case vocumization care of useful to exploring digital collections in new ways. Join us as we talk about what teaching data visualization looks like for your	Open	Open	N/A	Online	Free	https://wiki.diglib.org/2018.09.11 _Digital_Library_Pedagogy_Twitter_Chat	NA	data visualization	each each	ur																
	octomers Preservation Webnar Series The Software Preservation Webnar Series provides a survey of software preservation contexts. Each episode explores a different software preservation context by new-trian an constitution and c																										
	discussion with guest speakers (specialists in digital preservation, software studies, scholarly communication, open source software and more) and open discussion with attendees. The																										
Digital Preservation Coalition & Software Preservation Network	webinar is jointly hosted by the Digital Preservation Coalition and the Software Preservation Network.	Open	14 hours	N/A	Online materials	Free	http://www.softwarepreservationnetwork. org/events/#spnevent1-episode1	NA	software	data storage																	
EIFL University of Tartu Library in Estonia		participants from the subject field: Social scien and Humani																									
Improving Nesearch Data Management skills in relation to the Open Research Data Pilot in Horizo	University of Tartu Library in Estoria will host a FOSTER co-funded training course on improving Research Data Management skills in relation to the Open Research Data Pilot in Horizon 2020.	Social scien	s of ces	N/A	In-person Online materials	Free (?)	http://www.eifl.net/events/research-data- management-training	Elena Sipria-	disciplinary/fu nder requirements		Desc		retadata	othir-	data s	steroor											
2020 EIFL (Electronic Information for Libraries)	Research Data Management skills in relation to the Open Research Data Pilot in Horizon 2020. Collection of resources on licensing, copyright for libraries, open access, library consortium development, fiee and open source software (FOSS) for libraries, and public library innovation	Open	ties 1 day	N/A N/A		Free (?)	management-training http://www.eifl.net/resources		open data					ants	data	rage											
EIFE (ENGINNE INORMATION OF LIGHTNA)	development, nee and open source sommere (POSS) for iteraties, and public iterary innovation	Target	NIA.	NIA	materials	rise	IND NAME OF THE PROPERTY.	N/A	Open cara	SOTMATE	Clata St	norage in	ITABITUCIUNE														
		Target audience: Life Science Researchers																									
		Data manag																									
		Data libraria	na																								
		PhD student	ts,																								
	FAIR Data Management in Life Sciences	Pla in Life Sciences,																									
	FAR Data Management in Life Sciences Any outcome fact of the management, of the research groups handle that data management professor Day to worst to engage with only the amounted insearchers in loss practice by group professor Day to worst to engage with only the amounted insearchers in loss practice by group professor day of the data of the amounted insearchers of the fact of the come and professor day of the data fact insearchers of the data of the come and professor day of the data fact insearchers of the data fact insearch group in the angelong professor day with the data fact insearch group in the angelong professor in the angelong professor in the angelong professor in the angelong professor in the data fact in the loss of the data fact in the data fact	t Biomedicine and																									
	data management? Are you overwhetmed by new regulations from funders requiring data management plans? Or are you a developer in the data management sphere? Then come and light our windershoot your market on a "EMB" Data Management in J. 16. Data provides a substitute.	Bioinformation with little or i	no ur																								
	meeting of the ICSB 2018 in Lyon France. It will be held Saturday 27th October before the main meeting. Registration is free, and is first come first served. Research projects with advanced dates	network bioli	ogy																								
	management pipelines will be presenting their best practice. Thought leaders in data managemen will be there to help you with any questions you have. Importantly, YOU get to decide on break or	nt interested in ut learning how	r to																								
	ropics or sweet discussion during the day.  This workshop will be hosted by the FARDOM infrostructure (https://lais.dom.org/) and hulan	appry such tools in their research																									
	topic or laterial decisional country to 400. This workshop of the horizontal phtps://list-dom.org/j. and bring topicher //RCCOM sees, FARP patient on evolution, and researches from across the world to supplies //RCCOM sees, FARP patient overlaps, and researches from across the world to community used and experiented of FARR data gladerine. Out by present tips are all of the presentation by research groups who are promoting data management in systems, synthetic, and approximate all sections (i.e.) effectively exercise of the farmer of the presentation of the presentation of the farmer of the presentation of the farmer of the presentation of the farmer of FARR and data management with the decrease.	Life science																									
	community use and requirements of FAIR data platforms. Our key theme this year will be integrating the data pipeline for cross platform data exchange. Throughout the day there will be: (	industry (i)																									
	presentations by research groups who are pioneering data management in systems, synthetic, and agricultural life-sciences; (ii) networking events so attendess can get to know FAIR platform	You do not need to be	99						decining "																		
ELIXIR	FAIRDOM platforms, and COMBINE standards; (iv) discussions about the future of FAIR and date management within life sciences.	workshop	our 1 dev	No	In person	N/A	https://tess.elivir-europe.org/events/fair-data- management-in-life-sciences	N/A	disciplinary/fu nder requirements	metariata																	
		-nenerop.	- uny	PEU	prenaum				- Apprendits																		

The content of the	Organization(s)	Focus Research data management	Who's Eligible	Time Commitment	Certificate? Degree?	Online? In person?	Cost	Link(s)	Instructor(s)/ Organizer(s)	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08	Topic 09							
The state of the		Research data management																							
Part		its an increasingly common consistent of running that the case associated with your work should be made available, accessible, discoverable, and usable.																							
Section   Sect		Our senies of data management modules conflain all the information you need to help you compty with these requirements. You will also discover how sharing research data can help with reproducibility issues and provide your pears with existing work to build on.																							
Section   Sect		The modules explain the solutions already in place to support you in sharing, and explore how you can ribe data and why that can benefit your causer. You will also be introduced to data						https://psearcherararlemy.elsevier																	
Part	Elsevier	management plans and receive advice on building an effective one.	Open	2 hours	N/A	Online	Free	com/research-preparation/research-data- management	NA	data curation	DMP	data storage													
Part		Researcher Academy Researcher Academy provides free access to countless e-learning resources designed to support researchers on overy sten of their research instruct. Remove our extension module catalogue to																							
Part		uncover a world of knowledge, and earn certificates and rewards as you progress. How researchers store, share and use data																							
Second State		So in Research data management How researchers store, share and use data																							
Second State																									
Market Brown and State S		Research preparation																							
Market Brown and State S		Publication process Navigating peer review																							
## 14 Properties of the content of t	Elsevier		Open	NIA	NA	Online	Free	https://researcheracademy.elsevier.com/profile	NA	restruction/out each	ethics	open data													
Set les		During the interactive workshops, participants were able to take their own data through the best- practice data life cycle following open data and FAIR principles. We also identified specific																							
Set les		Publication in the released comments of plants, immake, microses and release near the make the public research data, the importance of rich metadata in making understanding of where to find public research data, the importance of rich metadata in making							Schneider																
Set les		their own data useful and discoverable, ortiologies and controlled vocabulanes, and where and how to deposit biological datasets in public repositories.						https://tess.elixir-europe.org/materials/embl- abr-best-oractice-workshop-series-the-data-life-	Jyoti Khadake, Sandra																
Second	FMRI JARR Rest Prantine workshop series: the	This series of five workshops covered the best practice data life-cycle for researchers working with plants, animals, non-model, microbial and medically relevant genomes. It aimed to provide insights in the rifflorant phases of the data life-cycle and man what is respect or miscinn in	Biologists, highrographicia	n				cycle https://www.amhl.ahr.com.au/workshoo.ho.	Orchard, Dan Bolser, Syzanna		disciplinary/fu														
Second	data life-cycle	Australia for the specific biological domains in terms of open data and FAIR principles.  Bringing data to life: data management for the biomolecular sciences	9	1 week	NA	In person	NA	series/	Lewis	data curation	requirements	open data													
Set Manuschander and Ma		From June to August 2018 EMSL-EBI is running a webiner series on data management for the broniccular sciences. This series will introduce key concepts in data management, highlight common myths and provide biological researchers with hints and tios on how to accreach data				Online		uk/training/events/2018/bringing-data-life-data-							disciplinary/fu nder										
Set Manuschander and Ma	EMBL-EBI	management in their own research. DataBasic	Open	6 hours	N/A	materials	Free	platform-hootsuite	NA	data curation	ethics	data storage	metadata	DMP	requirements										
Set Manuschander and Ma		DataBasic is a free suite of easy-to-use web tools for beginners that introduce concepts of working with data. These simple tools make it easy to work with data in fan ways, so you can learn how to find great strong to tell. Start using these tools today by clicking each of the headers.							Catherine																
Set Manuschander and Ma	Emerson College	below. At the bottom of the page you will also find classroom activity guides and introductory videos to use in your classroom, workshop, or other learning environment. You can see all of this end move of Dashadeir his	Onen	NIA	N/A	Online materials	Free	https://glab.amarson.ark.incoinstellates	D'ignazio and Rahul Rhamz	software	data seinen-	analyrin													
Series of the se	ESIP	ESID Events Tologo & Marriag Calculus	Eron					http://www.esipfed.org/get-involved/telecon- calendar	N/A			modution	data curation	infrastructure											
Registration of the properties		The Data Management Training (DMT) Clearinghouse is a registry for online learning resources for a registry for online learning resources	0000									ethics	disciplinary/fu nder												
Series of the se	ESIP DMT Clearing house							http://dmtdearinghouse.eapted.org/ y	NA	DMP	metadata	ethics	requirements												
Series of the se		An introductory course for those people who (want to) support researchers in storing, managing, archiving and sharing their research data.	Onen				free. The full course costs 6 ene				maggitudior - r														
Part	Essentials 4 Data Support	Essentials 4 Data Support is a product of Research Data Northerlands.	Data supporters	50 hours	For paid course	Online or Hybrid	exclusive of VAT.	https://datasupport.researchdata.nl/en/	NA	data curation	ristruction/outr														
The state of the production of		I'm a librarian at the St. Louis Fed, and several colleagues and I have developed resources to teach data literacy. Some are brief activities, one is a complete lesson (https://www.stouisfed.																							
The state of the production of		crigations or water in the state of the stat																							
Series of the se	Federal Reserve Bank of St. Louis	I'm very interested in this subject and look forward to hearing about others' work and resources.	Open	NA	N/A	N/A	Free	ACRL Listserv	Katrina Stierholz	data literacy															
Series of the se	Fort mays State University Potayor Library	data information seemely occurse (in progress)  A three-step approach to practical trainings on Open Access policy development and Research  Data Management (ROM):																							
Series of the se	FOSTER	Introduction to Research Data Management for Social Scientists     World Callé Italining seminar on OA policy development in Estonia     Development experience materials are not on or training output	Subject fields of Social Science and Humanitio	of is a 1 day	NIA	In nerson	NIA	https://www.fosteropenscience.eu/event/three- sten-approach-practical-trainings-open-access- noliny-transforment.pnd_usepanh_data	Astrid Recker Sebastian Naturbar	disciplinary/fu nder requirements	DMP	metariata	ethics	riata storano	men data	infrastructu									
Series of the se	TOUTER	Managing and Sharing Research Data Data-driven research is becoming increasingly common in a wide range of academic disciplines,		a i cay	in in	iii peraoii	in in		New Control	requience	Line		esics .	Cata straigh	Open Gasa	***************************************									
Series of the se		from Archaeology to Zoology, and spanning Arts and Science subject areas alike. To support good research, we need to ensure that researchers have access to good data. Upon completing this name, you will.																							
Marked 14 Marked		understand which data you can make open and which need to be protected																							
Marked 14 Marked		understand the FAIR principles be able to select which data to keep and find an appropriate repository for them						https://www.fosteropenscience,		disciplinary/fu															
Section 1.	FOSTER Plus	learn tips on how to get maximum impact from your research data  Data Revisation and Ethion	Open; account needed	N/A	Badge	Online	Free	eufeaming/managing-and-sharing-research- data-Wild Sa85986r-5d4288a288070e1	NA	nder requirements	DMP	data storage													
Section 1.		This course covers data protection in particular and ethics more generally. It will help you understand the basic principles of data protection and introduces techniques for implementing																							
Manufact		data protection in your research processes. Upon completing this course, you will know: what personal data are and how you can protect them																							
Manufact		what to consider when developing consent forms how to store your data securely how to anonymise your data	Open: account					https://www.fosteropenscience.																	
Well-dotted to light-rise, fracting-using and relatively flat of the grant residue of the plants of	FOSTER Plus		needed Harvard's	NIA	NIA	Online	Free	euleaming/data-protection-and-ethics/	NA	security	ethics														
Well-dotted to light-rise, fracting-using and relatively flat of the grant residue of the plants of		Research Data Management Program The Harvard Library Research Data Management Program connects members of the	practitioners, subject experts	a s.																					
Well-dotted to light-rise, fracting-using and relatively flat of the grant residue of the plants of	Harvard Librariay	Harvard community to services and resources that spain the research data lifecycle, to help ensure that Harvard's multi-disciplinary research data is findable, excessible, inforeceptable, and resusable (FAII)	and service an resource providers	N/A	N/A	N/A	N/A	https://hirdm.library.harvard.edu/	Ceilyn Roud	data curation	DMP	softwere													
The processor of the standing based root of th		Introduction to gathering, managing, analyzing, and visualizing textual data	_ unusus						_ Jayn waya																
The processor of the standing based root of th		Hands-on experience with text analysis tools, including the HTRC's off-the-shelf algorithms, datasets, such as the HTRC Extracted Features, and using the command line to run basic text analysis processes																							
March or cognormed which products for the county of process and process of the county of process and process of the county of of the cou		Topics include:																							
Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to on basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engings processes.  Man Counting of Source fine to one basic set engine of Source fine to one basic set engings of Source fine to one basic set engine of Source f																									
Mil Countewy Livency  Research Rigor A Regunshability, Unberdandening the Cores Livency State of State		mantas-on expensence with text analysis tools, including the HTRC Analytics' off-the-shelf algorithms and datasets, such as the HTRC Extracted Features;	Librarians and LIS					treps.//www.eventbrise.com/e/text-mining-with- the-half-thrust-empowering-librarians-to- support-digital-scholarship-research-ifle-fickets-																	
Research Right & Respectability Understanding the State Research Conference and Asset Asset Research Conference and Asset Rese	Hathi Trust	Using the command line to run basic text analysis processes.	professionals	7 hours	N/A	In-person	Free	45684079311		data curation	analysis	software													
Research Right & Respectability Understanding the State Research Conference and Asset Asset Research Conference and Asset Rese									"Research Rigor and																
Research Right & Respectability Understanding the State Research Conference and Asset Asset Research Conference and Asset Rese									Reproducibility * series lectures to																
Research Right & Respectability Understanding the State Research Conference and Asset Asset Research Conference and Asset Rese									incorporate into new																
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Research Right & Respectability Understanding the State Research Conference and Asset Asset Research Conference and Asset Rese									RDM for postdocs																
Best Prestrate for Groundards Research Data Management (mode).  All the ord of this course, you To be able to:  Describe the select visible of place of research data.  Execution to research data Research  Execution to data profession between company and between the date of personal controlly research data and advantage or research and data of advantage for research  Execution to research ground data research and case of advantage for research  Execution to research ground data research and case of advantage for research  Execution to research data and advantage for research  Execution to research data and advantage or research  Execution to research data and presented or research data.  Extending the order and research data and presented or research data.  Extending that or research data and presented or research data.  Extending that or research data and research data data research data and research data and research data data research data and research data data described and approach data in research data contage or research data research data data described and approach data and research data described and approach data and research data described and research data data described and research data data desc	HMS (Countries Library)	Research Ripor & Reproducibility: Understanding the Data I Kerwise for Research Common	Postdocs Graduate students	2 hours	Certificate	In person Recorded	Free	https://canvas.instructure, com/courses/1312140	sadly no registrants :(	data curation	disciplinaryifu nder requirements														
All the end of this country, which the skelds to:  Discribe the skeld variety of type of anisone drugs.  Discribe the season of side blocks.  Expert he season for all selections.  Expert he season for all selections and have been energing and dentify the major generated sharing intentify the state of season positions that have been energing and dentify the major generated sharing intentify the state of season positions and have been energing and dentify the major generated sharing intentify the state of season sharing and dentify the major generated sharing intentify the state of season sharing and dentify the major generated sharing intentify the state of season sharing and season sharing and sharing and season sharing and sharing and season sharing and sharing and season sharing and	· · · · · · · · · · · · · · · · · · ·	Best Practices for Biomedical Research Data Management This course is designed to address present and fusive data management needs.		_ 1541.6	Levices			The state of the s			quremell3														
Management of data policies that have been emerging and intentify the manage generated and policies that have been emerging and intentify the management of policies generated and intentification of the policies of the poli		At the end of this course, you'll be able to:																							
Management of data policies that have been emerging and intentify the manage generated and policies that have been emerging and intentify the management of policies generated and intentification of the policies of the poli		Describe the wide variety of types of research data. Describe the research data lifecycle.																							
Quarties toos availables to base calebration and sharing of tensorates.  Charing with a collection of the collection and sharing of tensorates.  Charing with an observation of the collection o		expans the documentation headed to facilitate accessibility and reproducibility of research findings.  Identify intent of data policies that have been emerging and identify the major covernment funding																							
Quarties toos availables to base calebration and sharing of tensorates.  Charing with a collection of the collection and sharing of tensorates.  Charing with an observation of the collection o		agencies currently requiring data management plans. Identify the basic principles that govern both human subject research and use of animals for research.																							
Taxast Audison This name is stored at a board audison introduced bismotion. International Internatio		Describe tools available to foster collaboration and sharing of resources. Explain why managing and sharing research data in important.																							
Taxast Audison This name is stored at a board audison introduced bismotion. International Internatio		unimproved the support role an information professional can play in research data. Understand the support role an information professional can play in research data management planning and recognize the potential partnerships between librarians and researchers.																							
Cyan 7 touriseas Cedificals Orine Fee Regulatescence objectables Orine Fee Regulatescence objectables on the Cedifical Security of the Cedifical Sec		Target Audience: This course is aimed at a broad audience including librarians, biomedical						https://www.canvas.net/browse/harvard- mericalingurses/hirmed.assemb.4445.com/	Julia Goldenon			disciplinary/fu													
	HMS (Countway Library)	individuals.	Open	7 hours/week	Certificate	Online	Free	https://datascience.nih.gov/MOOC	Elaine Martin	data curation	security	requirements	infrastructure	ethics	data storage										

			Time	Contillators	Outline? In			lesterotes/e	v															
Organization(s)	Focus Research Data Management Seminar Series	Who's Eligible	e Commitment	d Degree?	Online? In person?	Cost	Link(s)	Organizer(s	Topic 01	Topic 02	Topic 03	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08	Topic 09							
	Increasing Openness and Collaboration This class is part of the Research Data Management Seminar Series																							
	There is a lot of focus aimed at increasing transparency and accountability throughout the research life cycle, with a special emphasis on open access, to increase the speed of the flow of information from funder desearch to action.																							
	information from funded research to action.  In order to work openly and collaboratively, researchers are turning to solutions that assist with design study, project documentation, version control, analyzing data, and publishing shared results.																							
	design study, project documentation, version control, analyzing data, and publishing shared results.																							
	We will present tools and resources available, and help you walk away understanding the benefit working open and collaboratively.	s																						
	Feel free to bring your lunch!																							
	Instructors: Julie Goldman, Research Data Services, Countway Library Meghan Kerr, Archivist and Records Manager, Center for the History of Medicine																							
HMS (Countway Library)	Guest Presenter: Scott Lapinski, Scholarly Communication & Research Librarian, Countway Library	Open	50 minutes	N/A	In person	Free	https://libcal.library.harvard.edu/event/4452015	Scott Lapinsi Meghan Ken Julie Goldma	r en analysis	ethics	security													
	Gesti Presenter: Scott Lapinski, Scholady Communication & Research Librarian, Countway Library Research Data Management Seminar Series Data Sike: Patening for Research Success This class is part of the Research Data Hangement Series																							
	Research Data Management (RDM) is essential for responsible research and planning should																							
	Research Data Management (RDM) is essential for responsible research and planning should begin early. Your well-organized and documented data will meet funding agency requirements, b preserved, discoverable and reproducible.	•																						
	Learn what RDM is, how it applies to your research, and who to contact for assistance.  Feel free to bring your funch!																							
	Location: HSPH Kresge Building Room 200																							
HMS (Countway Library)	Instructors: Julie Goldman, Research Data Services, Countway Library Meghan Kerr, Archivist and Records Manager, Center for the History of Medicine	Open	50 minutes	NIA	In person	Free	https://libcal.library.harvard.edu/event/4522717	Meghan Ken	r on data curation	DMP														
	Open Access Week 2018 Please join us in a week of workshops, talks and opportunities to engage with the community in making your work more open, inclusive, and sustainable! ICPSR Summer Programme 5-day workshop on Curating and Managing Research Data for Re-						https://datamanapement.hms.harvard.																	
HMS (Countway Library)	making your work more open, inclusive, and sustainable! ICPSR Summer Programme 5-day workshop on Curating and Managing Research Data for Re-	Open Data librarians	Varies	N/A	In person	Free ICPSR	edulopen access-week-2018	Julie Goldma	an open data	data curation	n													
	Use. This workshop is for individuals interested or actively engaged in the curation and management or research data for sharing and reuse, particularly data librarians, data archivists, and data producers and stewards with responsibilities for data management.	Data librarians of Data archivists Data curators				ICPSR Members = \$1700 Non-members	https://www.icosr.umich.																	
ICPSR Summer Programme	producers and stewards with responsibilities for data management.		5 days	NIA	In person	= \$1700		N/A	data curation	data storage	hands-on													
IMLS and COSLA (via WebJunction)	Measures that Matter	Open	1 hour	NIA	Online materials	Free	https://www.weburschon. org/events/weburschon/measures-that-matter- 2.html	N/A	DMP															
	Curation in the cloud workshop.  The aim of this 2-day workshop is to assess the potential and practicalities of using cloud-based solutions for the curation and long-term preservation of digital materials, focusing particularly on data that originates from research or that supports research processes.	Invited					https://www.isc.ac.uk/events/curation-in-the- cloud-workshop-07-mar-2012																	
Jac	data that originates from research or that supports research processes.	participants Senior Managers	2 days	N/A	In person	NIA	coud-workshop-07-mar-2012	N/A	data curation	data storage														
		Directors for Research																						
		Principle Investigators. Research																						
		participants Senior Managers Directors for Research Principle Investigators. Research Liaison Officers and Research Librarians. Research	9																					
		Librarians. Research																						
	Selecting the research data challenges Market will yee lawer clade assay? An own-view of Service of the way issues for universities to address when thirsting about research integrity and data management; Highlights of the current leading edge work that the abic is funding in this area; An opportunity be discoust the practical actions that universities can take to support best practice.	Support Officers and Experimental																						
	integrity and data management; Highlights of the current leading edge work that the Jisc is funding in this area;	Officers with data support	45 minutes		Online	N/A	https://www.jsc.ac.uk/events/meeting-the-	Sarah Porter Simon Hodan	on	security	data storage													
Jac	An apportunity to declare the practical actions that chromates can see to support one practice.  Managing data and teams: Advanced bods for new research.  This JBSC-sonnersor markshow for researchers and those notwitten IT support will introduce.	Researchers	45 Hindas	NIA	Onine	NIA	tokator-osa-channos-12-cc-2011		missinciare	security	Cata storage													
F	Managing data and learns: Advanced tools for new research. This JIDC-apprisoned roadshow for researchers and those providing IT support, will introduce some of the interactions available the immensional, national, regional and local level to help nesearchers collaborable in multidisciplinary learns and manage ever increasing volumes of possearch data.	and those providing IT	6 hours	N/A	In person	N/A	https://www.isc.ac.uk/events/managing-data- and-learns-advanced-tools-for-new-research-			consultations restruction/ou each	si utr													
Jac	research case.  On-design consultation: data challenge We're currently running a consultation to help us understand what issues people are facing in education and research and what we can do to help.	support	6 nours	NIA	in person	NIA	20-10-2019	NIA	missinciare	each	Cata storage													
Jisc Association for Learning Technology (ALT)	education and research and what we can do to help.								consultations ristruction/out each	ń														
Association for Learning Technology (ALT)	One of the six challenges that we've identified looks at how we can use data to improve teaching and familing.  Incremental protect	Open	1 hour	N/A	Online	N/A	https://www.isc.ac.uk/events/co-design- consultation-data-challenge-21-nov-2018		each															
JISC Cambridge University Library HATII at the University of Glasgow	Incremental project. The project was understanding researchers' data management concerns and needs, namely how should you create data to make sure in can be found, accessed, understood and reused in the long-latm:—and importantly who can help with that?	Open	N/A	N/A	Online	N/A	http://www.dcc.ac.uk/projects/incremental	ALUA.	data curation	disciplinary/fi nder requirements	fu v. DMAD													
					CHINE				CHIR COMION	disciplinaryfi	fu													
JISC University of Oxford	Supporting Data Management Infrastructure for the Humanities (Sudamin) project	Open	N/A	N/A	Online	N/A	http://sudamih.ours.ox.ac.uk/ https://www.webarchive.org, uk/wayback/archive/20140614073310http:	NA	data curation															
JISC Managing Research Data programme RDMTrain					Online materials		//www.jsc.ac. uk/whatwedo/programmes/mrd/idmtrain/cairo.			disciplinary/fi nder requirements	fu													
RDMTrain  Johns Hopkins via Coursera	CAIRO: Curating Artistic Research Output  Data Science Specialization	Open	N/A 3-6 months	N/A Certificate (if paid)	materials Online	Free (without certificate)	asox https://www.coursera.org/specializations/hu- data-science	N/A N/A	data curation data science	requirements	a DMP													
Jorum's Research Data Management Collection (JISC)							harmonistano il construcción de la construcción de			disciplinary/fi	fu consultations restruction/our is each	uń dr												
(JISC)	Data management resources Research Data Services Survey (from Carol Tempin)		NIA	N/A		Free	2520management https://libereurope.eu/blog/2017/02/16/webinar recording-research-data-services-survey/	N/A	DMP	requirements	s each													
LIBER	(florn Carol Tenopir)  23 Things About Research Data Management		N/A N/A	N/A N/A	Online materials	Free	recording research-data-services-survey/ https://ibereurope.eu/blog/2017/02/28/webinar- video-23-things-research-data-management/	Carol Tenopi	data curation															
LIBER	Are the FAIR Data Guidelines Really Fair?		N/A	N/A		Free	https://ibereurope.eu/blog/2017/03/24/webinar video-fair-data-quidelines-really-fair/	Alastair Dunning	infrastructure															
LIBER	A Data Citation Roadmap for Scholarly Data Repositories	Open			Online materials	Free	https://libereurope.eu/blog/2017/05/30/webinar	N/A																
LIBER		Open	NIA	N/A			repositories/ https://ibereurope.eu/blog/2017/06/08/webinar		data storage															
LIBER	Systems and Services – Adding Value For Research Data Assets	Open	N/A	N/A		Free	data-assets/	NA	open data	consultations	si													
LIBER	Supporting Data Literacy	Open	N/A	NIA	Online materials	Free	https://libereurope.eu/blog/2017/12/14/webinar video-supporting-data-literacy/	Robin Rice John Southa	data literacy	restruction/ou each	utr													
LIBER	Turning FAIR Data Into Reality	Open	N/A	N/A	Online materials	Free	video supporting-data-literacy/ https://libereurope.eu/blog/2018/05/07/webinar- video.tuming-fair-data-into-reality/	Sarah Jones Maria	on ethics	infrastructure														
LIBER	GDPR & What it Means For Researchers	Open	NA	N/A	Online materials	Free	https://ibereurope.eu/blog/2018/05/22/gdpr- webnar-recording/	Rehbinder Marlon																
Library Carpentry Although Library Camentry is not fiert to any	GUPPLA WHAT I MASTO FOI PROSESTOR'S	Open	NIA	NIA	ITIADETIALS	Prior	with a recording	Domingus	missouciure															
institution or person, it is associated with, and organisationally supported by, The Carpentries, a																								
LIBEM Library Carpentry Although Library Carpentry is not field to any institution or person, it is associated with, and organisationally supported by, The Carpentries, a merger of Solvance Carpentry and Data Carpentry non-profit volunteer projects and individual lesson organisations whose members leach foundational coding and data science skills to researchers.	Software and data skills training																							
coding and data science skills to researchers.																								
Library Carpentry has received funding from the Software Sustainability institute. The Software Sustainability institute. The Software Sustainability institute cutificates world-close research with software. The Institute is based at the universities of Ediribungh, Manchester, Southampton, and Oxford.	Unix Shell An introduction to command line interfaces and task automation using the Unix shell																							
research with software. The Institute is based at the universities of Edinburgh, Manchester, Southamoton, and Oxford.	OpenRefine An introduction to cleaning up and enhancing a dataset using OpenRefine																							
The Institute of Muneum and Liberton Consister has	Oit Intro for Librarians An introduction to version control using Oit and OitHub for collaboration																							
Digital Library to support Library Carpentry development.	SQL for Librarians																							
We are indebted to the Centre for Information Science at City University London for agreeing to	An introduction to relational database management using the SQLite tool  Webscraping An introduction to extracting structured data from websites using a range of tools																							
host the first Library Carpentry programme on November 2015.	An introduction to extracting structured data from websites using a range of tools.  Tirty rate for literatures.																							
	Tidy data for librarians An introduction to good data organisation, which is the foundation of much of our day-to-day work is in brainis.	4																						
	Introduction to Python An introduction to Python, a general purpose programming language																							
Thanks also go to Universities New Zealand for funding a 2018 Library Carpentry roadshow for academic libraries in New Zealand.	Data Inten for Archivists	Open	NA	N/A	Online In person	Free+	https://ibrarycarpentry.com/	Depends	data curation	software														
A CAMPAN I I WAY ARRESTS.	An introduction to data structures, regular expressions, and computing terms for archivists.  Library Carpentry is made by librarians, for librarians to help you:	The course is	no.	no.	or person	. 1666	The state of the s	Japan 1929	uese CUMION	ev-metre														
	automate repetitive, boring, error-prone tasks create, maintain and analyse sustainable and receable data work effectively with IT and systems colleagues bother understated the use of software in research	The course is for librarisms, archivists, and other information workers. You don't need to have any previous knowledge of the tools that will be presented at the workshop.																						
	better understand the use of software in research and much more	information workers. You																						
	(includes: Introduction to Data Intro to data Jaroon busting	don't need to have any previous						Instructors: Joshua Dull, Kristin Lee, Kate Nyhan																
	better untrestrained the use of software in research and must more.  and must more.  August the software of the software in research and in the software in th	knowledge of the tools that				-670																		
Library Carpentry Brown University Library	Regular expressions Reference)	presented at the workshop.	7.5 hours	N/A	In person	~\$79 unaffiliated ~\$53 affiliated	https://nesclic.github.io/2018-10-22-NEASIST- Brown/	Helpers: Andrew Creamer	software															

Output in the last	E	When Stalker	Time	Certificate? Degree?	Online? In	Cost	Link(a)	Instructor(s)	Tools 84	Tonio 82	Tonio 01	Topic 04	Tools 05	Tonio 66	Tonio 67	Tonio 69	Tomic 68							
Organization(8)	Focus Research only many data transparent is a place where information professionals can make research only many data management is a place where information professionals can make a difference by bringing our opporties to a firmly need. The purpose of this course is to expire the processes of data production and stall amenagement, and he rise of LTS professionals and institution in supporting data producers. The course is geared towards academic librarians, but can be more broadly applicable. The course will cover the following topics:	no s Engible	- committee	. Jegreer	parson	Cost	Limpy	O-garazer(s)	-opic u1	ropic uz	ropic us	ropic us	- Opic us	opic us	opic u/	opic us	opic us							
	a difference by bringing our expertise to a timely need. The purpose of this course is to explore the processes of data production and data management, and the role of LIS professionals and																							
	institutions in supporting data producers. The course is geared towards academic librarians, but can be more broadly applicable. The course will cover the following topics:																							
	The role and lifecycle of research data																							
	The role and filecytic of research data State-indices and stakes in data mategement Data sharing radio data seuse Data sharing radio data seuse Repositoris and registrise Data management sindersides Took for writing funder-required data management plans The risk of witishing and ordinational biomass.																							
	Repositories and registries Data management standards	Open; geared																						
	Tools for writing funder-required data management plans. The role of institutions and institutional libraries.	towards academic																						
	During the course students will be exposed to various policy reports and current research, and will be exposed to various policy reports and current research, and will be exposed to the property of the prop	can be more		2.26 CEU to or			http://bean.in/consenses/com/192.dots																	
Library Juice Academy	data curation profile, or an institutional data management policy.  Doubt You real Research Data Management Training Kit for Literatures.	applicable	~1 month	2.25 CEUs or 22.5 PDHs	Online	\$250	http://ibranyi/iceanademy.com/082-data- management.php	Jillian Wallis	data curation	infrastructure	e security	data storage	DMP											
	Created by the UK Data Archive, Digital Curation Centre, Purdue University and the University of Edinburch, the course providers course content, exercises (individual and group), podcasts of the																							
MANTRA Research Data Management Training	Impositions and registration of the control of the	Open	N/A	N/A This program	Online	Free	https://mantra.edina.ac.uk/libtraining.html	NIA	DMP	metadata	data storage	security	ethics											
				This program was approved for 5																				
				Technology LEUs for Indiana library staff.	In person		https://www.main.com/braining.com/state/state/																	
Midwest Collaborative for Library Services	Linked Data Summit	Open	1 day	staff.	materials	NA	https://www.mcis.org/haining-events/archived- events/inked-data-summit/	NA	infrastructure	data storage	open data	security												
		Midwesterners who support research data management and research data services (RDS) at their institutions																						
	MDLS is a low-cost, 2-day, hands-on, unconference style event for Midwesterners who support	management and research				Desferation star																		
Midwest Data Librarian Symposium (MDLS) - Iowa	MDLS is a low-cost, 2-day, hands-on, unconference style event for Midwestermers who support research data management and research data services (RDS) at their institutions. The greater data community, not limited to data branians, is invited to present interactive sessions at this year's event. Presentiers from all disciplines and regions are encouraged to apply.	(RDS) at their	2 days	N/A	lo nomon	\$30 Shutoster from	https://mwdatalibrariansymposium.wordpress.	NU.	hands-on	ethics	software	infractouchum	retruction/our each	r										
	,							Teresa Auch Schultz																
						registration is		Teresa Auch Schultz Mathewson- IGT Knowledge Center University of Nevada, Ren																
		librarians and research data specialists, students				registration is \$35 with a discounted student rate of \$15		Knowledge Center					consultations	1										
Mountain West Data Librarian Symposium (University of Colorado Boulder)	Mountain West Data Librarian Symposium Data Science for Undergraduates: Opportunities and Options	specialists, students	2 days	NIA	In person	\$15	https://mountainwestdla.github.io/	Nevada, Ren	data literacy	data visualization	data curation	data sharing	each											
	Data Science for Undergraduates: Opportunities and Options  Processing of Indianación have data literatur er sources with once connectancies. Thou offer a																							
	ist of 10 broad categories.  Need to upgrade faculty perceptions of data science																							
NASEM Division of Behavioral and Social Sciences	Need place to share best practices – websites, journals See ethics as a main competency.						https://mailchi.mp/nas/may-2-report-release-																	
NASEM Division of Behavioral and Social Sciences and Education NASEM Math and Statistics National Consortium for Data Science in collaboration with North Carolina State University, PENCI and the Odum Indibate for Research in Social Science at UNC-Chapet Hill	Leas action for Undergrade have disaffered, operating and Update.  Recommend dis inches glade have disaffered, or canners with core competencies. They offer a set of 10 found categories.  Set of 10 found categories.  Annual control of the science.  Name of the science of the science.  Name of the science of the science.  Set efficies as a main competency.  Everyone in fallow software need to understand data filecycles to be effective.  They have been desirable and the science of th	Open	N/A Week-long series of one and two-day courses	N/A	Online	Free	https://mailchi.mp/ngs/may-2-report-release- webinar-on-date-science-for-undergraduates? e=61d477818f	NA	data science															
National Consortium for Data Science in collaboration with North Carolina State University, PENICL and the Orbital Indiana.	Data Matters		Week-long series of one																					
Social Science at UNC-Chapel Hill	Data Matters gives students the chance to learn about a wide range of topics in data science, analytics, visualization, curation, and more from expert instructors.	Open	oourses	NA	In person	\$200+	https://datamatters.org/course-descriptions/	NA	data science	visualization	software	analytics												
	analysis, vasuaszanos, curation, aria more timo superi restructions.  Data annaugement and visualization vorsitations (Malaguest feature) and the instrument of data. This grant provided participant in support for two workings on the instrumenting importance of data. This grant provided participant insupport for two workings on the instrumential provided provided in the control of the state of the control of the state of the Advisory Committee for Cybertificatious drug members of the Advisory Committee for Cybertificatious drug members of the Advisory Committee for Cybertificatious drug members of the Advisory Committee for Cybertificatious drug members.																							
	September and October 2010, in Redmond, Washington and in Berkeley, California on October 10, 2010. The primary purpose of the workshops was to gather community input into																							
	(ACCI).						https://www.ei.useich.org/																	
National Science Foundation University of Michigan School of Information	Start diate: 9/1/2010 End diate: 11/90/2012	Onen	Multiple days	NIA	In person	NIA	https://www.si.umich.edu/node/12943 https://www.nsf.gov/awardsearch/showAward? AWD_ID=1058204&HistoricalAwards=false	Margaret Heristrom	data curation	infrastn mtura														
and a secondary of the	critic user. I (30/2012)  It discussing making data librarians and data librarianship the theme of their January conference. The focus will be "techning with people who work with data" and discuss the role of the data librarian across institutions.	- Jan			person				Late CuretOn															
NEASIST	"What is the role of a data librarian today?" Diverse perspectives on the work of data librarians in different settings in statutions.  As introducing in the horizont of Government Data.	Open	1 day	No	In person	Free (?)																		
	"What is the rule of a dail biomism body." Owner perspections on the roat of dail biomism in American and the American and																							
	background material for students planning to attend a workshop on research data management. Feedback from previous workshops have indicated that many workshop attendees do not have a close consoled of what received who extends not been an experience of workshop attendees on the seconds.																							
Network of Data and Information Curation Communities (NeDICC)	data. This animated video has as its purpose the explanation of the basics of research data, in a simplistic, entertaining and interesting manner. It is hoped that the information contained in the																							
Communities (NeDICC)	vidéo will better prepare research data novices for a future research data management course/workshop.	Open	N/A	N/A	Online materials	Free	https://www.youtube.com/watch? v=q2aEUzzPuw&leature=youtu.be	Louise Patterton	data curation															
	The New England Collaborative Data Management Curriculum (NECDMC) project is led by the Lamar Souther Library at the University of Massachusetts Medical School in partnership with																							
	several libraries in the New England region.																							
	rectant to an interactional tool for learning data management best practices to undergoodstates, graduate students, and researchers in the health sciences, sciences, and engineering disciplines. Facility of the customism's seven notine instructional modules alone with the National Science.																							
	Foundation's data management plan recommendations and addresses universal data management challenges. Included in the curriculum is a collection of actual research cases that																							
	provides a discipline specific context to the content of the instructional modules. These cases come from a range of research settings such as clinical research, biomedical labs, an engineering																							
	project, and a qualitative behavioral health study. Additional research cases will be added to the collection on an ongoing basis. Each of the modules can be taught as a stand-alone class or as not of a series of risesse. Instruments are welforme to rustomize the content of the instrument and the content of t	s, graduate shufents and						Flaine Russo																
	modules to meet the learning needs of their students and the policies and resources at their institutions.	researchers in the health						Martin Julie Goldmar	3															
	Built upon the Frameworks for a Data Management Curriculum developed by the Lamar Soutier Library and the George C. Gordon Library at Worcester Polystechnic Institute, the NECDMC is designed to address present and future researchers' data management learning needs.	sciences, sciences, and						Donna M. Kafel	disciplinary/fu															
New England Collaborative Data Management Curriculum	Lamb Equality Library of the University of Ministrushmeth Medici Stood in Springerskep einit consist in the Windowski Stood S	disciplines	NIA	N/A	Online materials	Free	edulissources/recomplindex	Creamer	requirements	DMP	hands-on	security	data storage	metadata	ethics									
								Roundtables	disciplinary/fu nder requirements															
								by a group of New England																
								librarians, including:																
								Thea Atwood co-founder, University of Massachuset s Amherst																
								University of Massarhuset																
								s Amherst																
								Patricia Condon, University of New Harrpshire Jessica O'Toole, Worcester Polytechnic Institute																
								University of New																
								Jessica O'Toole																
								Worcester Polytechnic																
								Molania																
New England Research Data Management Roundtables								Melanie Radik, Brandeis University																
	Research Data Management Hands on Workshop		6 hours	No	In person	Free	https://rdmroundtables.github.io/	University	infrastructure															
	This project includes material designed for teaching a 1.5 hour research data management							Marcha -																
	recovering. It improves a case study that requires workshop participants to navigate massy data to identify the data that corresponds with the data represented in a figure from an article. Workshop attendeds are then required to modify the massy value to follow research state are not				Online			Kevin Read Nicole Contaxis Alisa Surkis																
New York University	This project includes material designed for teaching a 1.5 hour research data management workshop. It includes a class slowly that requires workshop participating to manigate messay data to statements are the required to modify the messy data to follow research data management best practices.	Open	1.5 hours	N/A	Online materials	Free	https://osf.io/fms4u/	Alisa Surkis	DMP	hands-on														
	This course will provide you with training on the research data management (RDM) tooics listed																							
	This course will provide you with training on the research data management (RDM) topics fisted below in a biomedical content. The material presented began as an NIH-funded research study to seesses material for teaching RDM to Berafies. It is designed to prepare you to understand and subsequently teach RDM at your own institution, and offers strategies for identifying opportunities to teach RDM in your own environment.																							
	nacempowersy whech reuns at your own measurers, and others strategies for identifying opportunities to teach RDM in your own environment.	NYU School of							disciplinary/fi				consultations	1										
New York University	At the end of each module there is a link to a Teaching Toolkit that provides librarians with a script, slides, and evaluation materials to teach RDM at your institution.	NYU School of Medicine affiliates	N/A	NIA	Online materials	Free	https://compass.iime.cloud//mix/G3XSE/	Kevin Read Alisa Surkis	nder requirements	DMP	data storage	infrastructure	rstruction/our each											
	Data Access Webinar The interactive webinar will cover data access functionality for beginners and advanced users. Jupyter Nebbooks will be used to illustrate the topics with informational slides and sample code						https://mailchi.mp/mail/still-time-to-register-for-																	
NIMH Data Archive (NDA) NNLM Training Office			1 hour		Online	Free		NA	software															
NNLM Training Office National Library of Medicine (NLM) and the National Network of Libraries of Medicine Training Office (NTO)	NNI M Requestris Data Management Weising Spring	Open	1 hour per session	1 MLA CE Contact Hour per session	Online	Free	https://innim.gov/classes/innim-research-data- management-webinar-series	N/A	data come-	jefragte vet	e software	data otorox												
	Big Data in Healthcare: Exploring Emerging Roles The Big Data in Healthcare: Exploring Emerging Roles	-press	ana and the	pre addition			All III	·	Jane CUMION	***************************************	- AUTOMINE	Command Storage												
	better understand the issues of big data in clinical outcomes and what roles health sciences librarians can take on in this service area. Course content comes from information whereit he may																							
NNLM Training Office	presenters at the March 7, 2016 NNLM Using Data to Improve Clinical Patient Outcomes Forum, top selections from the NNLM MCR Data Curation/Management Journal Club and NNLM PSR	Open (limited to	to	Continuing																				
National Library of Medicine (NLM) and the National Network of Libraries of Medicine Training	Data Curation/Management Journal Club's articles, NINR's Nursing Research Boot Camp, recommended readings from previous cohorts, and Cognitive Class' Big Data Fundamentals	40) Health sciences librarians	89	Continuing Education Credits: 9	Online	Free	https://nnim.gov/classibig-data-healthcare- exploring-emerging-roles/8497	Derek Johnson Elaina Vitale	No. data	infrastructure														
Omos (NTO)	Grime course.  Biomedical and Health Research Data Management Training for Librarians	ibranans	8 weeks	9	Omne	rree	exposing-emerging-rotes/8497	ctana Vitale	org data	intrastructure														
	NALLY income. One throughouse of brains are come and tap is not a																							
	recommended but not required.																							
	The major goal of this course is to provide an introduction to data issues and policies in support of the major goal of this course is not provided an introduction to data issues and policies in support your residution. The material is casersial for discision-making and implementation of these programs, particularly introductional and reference services. The course topic introduced an overview of data management, choosing appropriate metadate descriptors or taxonomies for a dataset, adversaring privacy and security issues who that, and creating data management places.																							
revum iraning Office National Library of Medicine (NLM) and the National Network of Libraries of Martinia Training	your immusion. This material is essential for decision-making and implementation of these programs, particularly instructional and reference services. The courses topics include an overview of data management, choosing appropriate materiate descriptions or temporalise for a detection	Health Sciences			Online		https://nnim.gov/classes/biomedical-and-health- research-data-management-librarians	Jessi Van De Volgen							disciplinary/fi									
Office (NTO)	addressing privacy and security issues with data, and creating data management plans.	librarians in US	S 7 weeks	MLA CE	Online asynchronous	Free	research-data-management-librarians	Shirley Zhao	data curation	DMP	security	data storage	infrastructure	metadata	requirements									

			Time	Certificate?	Online? In			Instructor(s)/																
Organization(s)	Focus	Who's Eligible	le Commitmer	Certificate? nt Degree?	Online? In person?	Cost	Link(s)	Organizer(s)	Topic 01	Topic 02	Topic 03 disciplinary/fu	Topic 04	Topic 05	Topic 06	Topic 07	Topic 08	Topic 09							
Northumbria University	Research Data Management: An Overview	Open	N/A	NA	Online materials	N/A	http://nuweb.northumbria.ac. ukirdm/story_html5.html	NA	data storage	data curatio	disciplinary/fu nder on requirements													
	Notacianto Utala Management. An Civerniow  CCC. CResearch Mini-Symposium on Research Data Management  Al this mini-symposium in Laisten, guesta learned about recent collaborative work done in the area  Al this mini-symposium in Laisten, guesta learned about recent collaborative work done in the area  Data Management of the Collaborative Management of the Collaborative Work of the Composition of the Collaborative Management and the Collaborative Management and the Collaborative Management of the Collaborative Management and				In person																			
OCLC	throughout the Netherlands.	Completed OCLC Research	1 day	NA	Online materials	N/A	https://www.ocic.org/research/events/2018/04. 20.html	NIA	infrastructure															
		Partnership. (Those who ar	re					Brian Lavoie,																
	Works in Progress Webinar: Understanding Institutional Research Data Management (RDM) Services (1 of 3 part series) This webinar Indodoces the ways in which RDM services are developing at research universities worldwide and offers a model of RDM services to support discussion and decision making.	with the OCLO RLP will be able to access	9		Online		https://www.ocic. org/research/events/2018/100218-	Brian Lavoie, Senior Research Scientist, OCLC Research																
OCLC	worldwide and offers a model of RDM services to support discussion and decision making.	a recording after the event	t.) 1 hour	N/A	Online Online materials	NIA	understanding-institutional-research-data- management-services html	OCLC Research	infrastructure															
		OCLC Research Library Partnership. (Those who as not affisated with the OCLC RLP will be able to access a reconfine	me C																					
	Works in Progress Webinar: Collections as Data  Join this webinar to learn more about the concept of collections as data and hear an update on current work on the Collections as Data: Parts to Whole grant project.	RLP will be able to access a recording			Online Online materials		https://www.ocic. org/research/events/2019/021219-collections-																	
		Research	f.) 1 hour	NIA	materials	N/A	as-data hmi	NA	data curation															
	Research Information Management in the US University Enterprise Environment: A Case Study	Partnership. (Those who as not affiliated with the OCLC RLP will be able to access a recording after the event	re C		Online Online materials		https://www.ocic.org/research/svents/2016/09- 19 how																	
OCLC	review, current awareness and more.	OCLC Research	t.) 1 hour	N/A	materials	NIA	19.hml	NA	data curation	infrastructur	re .													
	Works in Progress Webinar: Visualizing Library Services – Case Studies from Ohio State and	OCLC Research Library Partnership. (Those who as not affisiated with the OCLC RLP will be able to access	re C																					
	This webinar will be of interest to those looking to think about new ways to use data, and those interested in thinking about the impact and future of library services.	able to access a recording after the event	•	N/A	Online Online materials	N/A	https://www.ocic.org/research/events/2016/05.		data															
OCLC	interested in thinking about the impact and subine of library services.	OCLC Research Library Partnership. (Those who as not affiliated with the OCLC RLP will be able to access	E) 1 hour	N/A	materials	NIA	18 nms	N/A	visualization															
	Works in Progress Webinar: All About OPenn	not affiliated with the OCLO	0																					
OCLC	Join this webinar to learn about the challenges and solutions of presenting cultural heritage materials as open data, and discover (Penn, a website hosting open data from cultural heritage institutions in the Philadelphia area. Context-driven Approach to Data Curation for Reuse Workshop	able to access a recording after the event	s 6.) 1 hour	NIA	Online Online materials	N/A	https://www.ocic.org/research/svents/2018/03, 23 html	N/A	data storage	open data														
ocic	All who are interested in learning more about the practical approaches and trade-offs to data curation given the nearts of revenry and repositivise are welcome to attend this free workshop		3 hours	NIA	Online Online materials	N/A	https://www.ocic.org/research/events/2016/02- 22.html	N/A	data curation															
Online Data Management Course from the	Rockinselatori RILDCCTD  Resulting from an IMLS grant and designed for graduate students. Seven short videos are presented online, which are accomparied by in-person class meetings. The videos and course materials are also available entire for others to under	Free			In-person College		https://www.lib.umn.																	
University of Minnesota	materials are also available online for others to use.  Webinar: Data Skills Curticula Framework Implementation Datable: How can the data community help researchers develop data skills?	Free	N/A	N/A	materials	Free	edulfatamanagament/workshops	NIA	data curation	DMP	data storage	ethics												
	From discipline specific venues for researchers to wide-ranging conferences and forums for data professionals, many groups are investigating data skills. Then is a global interest in convergence on what alkills are needed for different tasks, effective training methods, and where to find appropriate educational materials to help make data more shareable, open, transparent when possible, and FAR (findable, accessible, introperable, re-usable).																							
	On 19 April 2018, a one hour webinar will offer introductory information about a collaboratively developed Bahmert Forum Data Skills Curlicular Framework by a key author for the Framework, Vicily Lucas. Ms. Lucas' presentation will be followed by Q&A and discussion on collaboration opportunities, development options, and related optics.						https://www.rd-afiance.org/groupleducation- and-training-handling-research-data- ig/www/webina-data-skills-comouta-		disciplinary/fu nder requirements	consultation	no/i													
RDA	opportunities, development options, and related topics.  RDMRose was a JBC funded project to produce taught and continuing professional development (CPD) learning materials in Research Data Management (RDM) tailored for Information professionals.	Free	N/A	N/A	Online	Free	framework	Vicky Lucas	requirements	each														
	RDMRose developed and adapted learning materials about RDM to meet the specific needs of fasion fibrarians in university libraries, both for practitioners' CPD and for embedding into the postgraduate taught (PQT) curriculum. Its deliverables included OER materials suitable for learning in multiple modes, including face to face and self-directed learning.																							
	RDMRose brought together the UK's keading iSchool with a practitioner community based on the White Rose University Consortium's Istransia the Universities of Leeds, Shaffeld and Yosh Development of Content and teaching was Installed. Easied on a highly participative curriculum development process and with a strong strand of student evaluation of learning materials and activities.																							
	Deliversibles included: OER on RDM for information professionals which can be reused by other LIS educates and with a version for self-supported Continuing Professional Development. As of April 2015 a new version of the learning materials is now available - click on RDMRose 201 tabl	5																						
	Sides from the 2015 version are also available on slideshare.																							
	The project was funded by JISC for one year from July 2012 to June 2013. In 2014, we conducted RDMRose's sister project Wicked ways with RDM.	Open	N/A	N/A	Online materials Online materials	Free	https://www.sheffield.ac. uk/is/research/projects/rdmrose http://rdmrose.group.shef.ac.uk/?page_id=10	NA	infrastructure	disciplinary/ nder requirement	ofu ots hands-on	DMP												
Repository Support Project	Setting up a repository / Growing a repository	Open	N/A	N/A	Online materials	N/A			data storage															
	Fundamentals of Research Data Curation  Data cription:  Data cription:  Any your changed with providing services around research data curation? Not sure where to stat?  In this course you'll examine the main considerations needed to deliver. This includes training and consistation, infrastructure, tools and applications. In perficient, emphasis will be paid to have all																							
	consultation, infrastructure, tools and applications, in perficular, emphasis will be paid to have all of these certificates to supporting a losal research data file cycle. Latering Outcomes.  Latering Outcomes.  Latering Outcomes.  The second of the second outcomes are considered to the control of the second outcomes. The second outcomes is considered to the second outcomes of the second outcomes of the second outcomes ou	Archivist practitioners																						
SAA	Upon comparison or this course, you to be able to:  Plan research data curation services that are appropriate for your environment Make decisions regarding relevant tools and services  Make decisions regarding relevant tools and services  Make recommensations for future wink or resealcomment for your constriction	Archivist managers	1 hour	1 ARC	Online	N/A	https://www2.archivists.org/prof- education/course-catalog/fundamentals-of- research-data-curation	Reid Otsuji David Minor	data curation	sriftware	infrastn r ture													
5/4	мине гисоптиводилов от води мож от окумпортнен не усот сединалися	managers	THOU	TARC	Orana	NIA	(estato)-cata-curator	Stacy Winchester, University of South	data curation	sotware	Pinastructure													
								Stacy Winchester, University of South Carolina Sciences and Engineering Librarian, Thomas Cooper Library																
Science Boot Camp for Librarians Southeast Gunter Library, Gulf Coast Research Laboratory University of Southern Mississippi	2018 Science Boot Camp for Librarians Southeast During the "Data Bitz," we will learn about STEM librarianship, research data management, and student learning assessment.	Open	1 hour	N/A	In person	N/A	http://libquides.lib.usm.edu/kl.php? content_id=43346313	Denise A. Wetzel	data literacy	consultation ristruction/o each	nsi disciplinaryifu outr nder requirements													
	SLA 2018 Annual Conference Library Carpentry: Building Skills for Data Savvy Librarians -Full Day (8:00am-4:40pm lunch and breaks provided).		1 day	NIA			https://www.sia.org/attend/sia-2018.annual- conference-2/aducation-sessional	N/A																
	SLA 2018 Annual Conference Introduction to Data Analysis and Visualization with R -Helf Day (8:00am - 12:00 cm break	Open		N/A		\$125 for SLA members / \$200 for non-	https://www.sia.org/attend/sia-2018-annual-	N/A																
SLA	provided)	Open	1 day	NIA		\$225 for SLA		niA.																
SLA	SLA 2018 Annual Conference EDirect for PubMed: Get the Data You Need -Full Day (9:00am-4:40pm lunch and breaks provided) SLA 2018 Annual Conference	Open	1 day	N/A	In person	\$415 for non- members	https://www.sla.org/attend/sla-2018-annual- conference-2/aducation-sessional	N/A																
	provised) SLA 2018 Annual Conference SLA Management Planning Case Studies That Management planning Case Studies That Management and Town aspectated data management glanning including spice of data. The Management and Case Studies Studies, and preservation. Cases will be used to highlight visions aspected of data. Perforants will reverse engineer a data management plans (SMP) for the projects that might have generated the data. No prior horsishing of data management plans (SMP) for the projects it might have generated the data. No prior horsishing of data management plans (SMP) for the projects it might have generated the data. No prior horsishing of data management plans (SMP) for the projects it might have generated the data. No prior horsishing of data that the strongle data of the dat							Carolyn																
SLA Sporsored by ACS Publications	(DMP) for the projects that might have generated the data. No price knowledge of data management glanning is required. The participants should be able take the knowledge they gain from this session to help patrons develop their DMPs.	Open to conference registrants	1.5 hours	NIA	In person	Conference registration	https://sia-quirkmobile. carrier/Wisvert/fich042955a26ce010593/18075 2026/436273/Schedule/EV/0007	Jackson Arny Koshoffer Kendra Levine	DMP	consultation restruction/o each	ns/i outr													

				0.45.40	0-110-1-																				
Organization(s)	Focus 8th Annual Social Science Librarians Boot Cemp	Who's Eligib	ble Commitme	Certificate? nt Degree?	person?	Cost	Link(s)	Organizer(s)	Topic 01	Topic 02	Topic 03	Topic 04	Topic 0	5 Top	pic 06	Topic 07	Topic 08	Topic 09							
	Consider for Social Science   Bendon																								
	Learn the basics of copyright law and what you need to know about research publication, copyright and data, e-resource licensing, fair use, and library and classroom copyright exception (Kade Zimmerman)	16.																							
	Mapping Census Data Participants will create a choropleth map of population density using census data. Learn how to																								
	explore and find spatial data to join to census data to create the choropleth map using ArcGIS. Two online free platforms will be introduced to geolocate multiple amenities to be added to the																								
	map. The instituting is melitised, the spligits in fluciously (calculars distance declinates).  Research Data Massengment in the Social Sciences  Librarians are more frequently being staked to hisly with and review the data management plans.  (CMF) that are non-equival by more full-ingle agencies as part of opinion proposals. This workflow focusis on questions to consider when creating (DMFs for social science research. The session interactive. A Place calculation of this workflow, place sciences with the more limited with the more interactive. A research interactive of this workflow, placed services of this workflow, placed and promotive to addressing floore challenges, (Patricia Control).							Patricia Condon																	
	Librarians are more frequently being asked to help with and review the data management plans (DMP) that are now required by most funding agencies as part of grant proposals. This workship forcess on mustifers to resiste when reaction DMPs for sortial entires reaction. The session	p in						Bahare Sanaie- Movahed																	
	interactive. At the conclusion of this workshop, attendess will be more familiar with the components of a DMP, and be able to describe key data management/data sharing challenges in	in								disciplinary/fu	u														
Social Science Librarians Boot Camp Tisch Library, Tufts University	research involving human subjects and approaches to addressing those challenges. (Patricia Condon)	Open	1 day	N/A	In person	\$30-60	https://sites.tufts.edu/ssibc2018/	Katie Zimmerman	DMP	nder requirements	s security	ethics	software	a han	nds-on										
	Controls)  Social Solence Liberaleses Boot Camp-Richmond, VA Edition  SSLBS (RAN is a two-cost, one-day-orderence for liberaleses, academic sechnologists, and other  SSLBS (RAN is a two-cost contents that will offer an insiste book at the processes and bods  sand by researches in the social accinetions.  While the contents is the contents of the contents of the accinetion accinetions and accinetions of the contents	rs academic technologists																							
Social Science Librarians Boot Caren	used by researchers in the social sciences.  Additionally, we'll get hands on experience with some of the tools & processes of the trade — for rearries orthware for monitative, molitative, and CIS analysis and visualization, research and	and others r supporting the work of social	ne al							disciplinaryifu nder requirements	u														
Social Science Librarians Boot Camp University of Richmond	data management tools, survey procedures, considerations for grant applications, and more.	scientists Librarians an	1 day	NIA	In person	\$20-50	https://biog.richmond.edu/ssibc/	NA			a analysis		consulta	ations/i											
Southeast Data Librarian Symposium	Southeast Data Librarian Symposium	other research data specialis	ch ista 2 days	NIA	In person	\$5	60 https://se-datalibrarian.github.io/program/	NA	infrastructure	data visualization	software	data curatio	rstruction each	on/outr ope	ın data										
	I have covered some data accessing and analysis for our undergraduate Journalism program. Here is an outline on how we have approached this (very much at the introductory level).																								
	Before the session students watch the "How we found the work place to park in New York City— using big data" TED Talk. A good way to introduce using data and seeing how it can be useful and interesting.																								
	Reverse as outsets on now we make approximations (every must as the introductory waves). Before the assistant sets with the Thow we found the work place to park in New York City- using big data? TED Talk. A good way to introduce using data and seeing how it can be useful and interesting. combiashine, wellington, how we, found, the worst, place to park, in_new_york_city_using_b- data.	nig .																							
	_data I direct them to a LibGuide with Data resources for them to explore and we walk through some																								
	I direct tham to a Lib-Quide with Data resources for them to explore and we walk through some searchs, usually using the New York State data (examples include: use of state parks, local restaurant health inspections, an																								
	I show them the basics of using the filters on those sites and then how to download the data sets	9																							
	I show them the basics of using the filters on those sites and then how to downtoad the data sets and use them in Excel. Subsents then are given a workshed with some topics they they have to find data on and explain how they regist incorporate it into a newspaper story on that topic. The inset class period we have one of the certified sechnology trainers come in and show the students how to see pivot tableto to the privat tableto them analyze the data.	Undergradual	100		In person Online	Free for					consultations ristruction/ou	s/i													
SUNY Plattsburgh Feinberg Library	students how to use pivot tables to further analyze the datal.  Doing Data Better: How	students	NIA	NA	resources	students	ACRL Listery	Michelle Toth	data science	big data	each														
The University of Melbourne	Researchers' data needs are varied and complex, which is why we've put together some hints as	nd Open	N/A	NIA	Online materials	Free	https://research.unimelb.edu. au/infrastructure/doing-data-better/how	NA	DMP	metadata	data storage	security													
	tools to make you financing your state encourage. The course will provide learners with a introduction to research data management and sharing. This course will provide learners with an introduction to research data management and sharing management and provide an interest of the sharing the data provides and the sharing will be a management and provides and the sharing with the practices for working with data including the organization, concernition, and storage and except of data. Learners will also understand that important and importance of understanding said when gotte as well as how to assess the tradiscontinuous of propositions.					-			-																
	After completing this course, learners will understand the diversity of data and their management needs across the research data lifecycle, be able to identify the components of good data researched data. And the feeding with heat environment of the production of the control production.	it					https://www.courses.com/scenistes																		
The University of North Carolina at Chapel Hill, Th University of Edinburgh (via Coursera)	organization, documentation, and storage and security of data. Learners will also understand the impetus and importance of archiving and sharing data as well as how to assess the			With payment		Free Paid for certificate	https://www.coursera.org/seam/deta- management https://www2.archivists.org/sites/all/files/Tibbo- ResearchForumAbstractBio2016.pdf																		
		Open										consultation	s/i												
UK Data Service	Video tutorials	Open	N/A	N/A		Free			analysis		DMP	restruction/or each	**												
UK Data Service	Prepare and manage data Managing research data (including Research Data Bootcamp)	Open	N/A	NIA		Free	https://www.ukdataservice.ac.uk/manage-data	NIA	data curation	DMP															
	respect was managed case.  Managing research data (including Research Data Bootcamp).  The Research Data Service is part of the Unany and supports pain-University research addition.  The Research Data Service is part of the Unany and supports pain-University research additions to interest part of the Commission of th				Online (In person for University of Bristol associates)								disciplin	on/fi											
University of Bristol	help with data management plans and provide data management training for research staff and PhD students.	Open	N/A	NA	Bristol associates)	N/A	http://www.bristol.ac.uk/staffiresearchers/data/	NA	DMP	data storage	security	ethics	nder requiren	nents											
	Violating with personal & sensitive research data Researchers today are pressured to share their research data and make it accessible to other researchers. Dut what if you have collected sensitive or confidential data?																								
	For many researchers, the sensitivity of research data is one of the main barriers to data sharing																								
	For many researchers, the sensitivity of research data is one of the main barriers to data sharing. Fear of violating ethical or legal obligations, lack of knowledge about disclosure control and the time required to anonymise data to a suitable standard often prevent valuable datasets from seeing the light of day.						https://www.ed.ac.uk/information- services/research-support/research-data- service/training																		
	In this two-hour awareness raising course, we introduce how to collect, share, store, and protect	Conse to all st	and a			Econ for staff	service/training																		
University of Edinburgh	sealing the light of day' In this ten-how resources at Island ground, we introduce how to collect, share, stone, and protect the deficiency data you may encounted as part of your work. This course is open to all staff and POR students. Handling data using SPSS.	and PGR students	2 hours	N/A	In person	and PGR students	https://www.ed.ac.uk/information-services/help- consultancy/is-skills/classroom-courses/digital- research-scholarship	NIA	ethics	security	data curation	n													
	Handling data using SPSS The aim of this half-day course is to show you how the facilities provided by SPSS can help with						https://www.ed.ac.uk/information- services/research-support/research-data- service/training																		
	Handling data laring "SPI day course is to show you how the facilities provided by SPSS can help with the aim of this half-day course is to show you how the facilities provided by SPSS can help with the management of your research data and to suppost some ways of lospering a record of your data work and geting your data out of SPSS, whether for long-sterm preservation or for further analysis in other software. The course is open to all postgradular research students who are interested to be sent how to use SPSS to handle their days.						service/training																		
University of Edinburgh	This murse is men to all students	shufonts	Half day	NA	In person	Free for students	https://www.ed.ac.uk/information-services/help- consultancy/is-skills/classroom-courses/digital- research-scholarship	N/A	enelysis	software	data storage														
	Creating a data management plan for your grant application. This is a short course open to all research staff (including postgraduate researchers) who are interested in finding out about data management plans and creating a data plan for their grant application or projects.																								
							https://www.ed.ac.uk/information- services/research-support/research-data- service-training																		
	This course is open to all staff and PGR students.  If you have five (minimum) to eight (micrimum) people who want to learn more about creating a data management plan for a particular funder (see below) we can run a session especially for yo	Open to all st	telf		Online	Free for staff				disciplinary/fu	u consultations	s/i ulr data curatio													
University of Edinburgh	in you nave the (minimum) as upon (macerum) people who want to saim more acout creating a data management plan for a particular funder (see below) we can run a session especially for yo Managinin your research data: why is it important and what should you do?	ou. students	N/A	N/A	5-8 people)	students	research-scholarship	NA	DMP	requirements	each	data curation	1												
	data management plain for a particular funder (see ballow) we can run a session especially for yo Managing your research data: why is it important and what should you do? This workshop is aimed at all research staff and post graduate research students. It will shed light on the following questions:	ME.																							
	What is reasoned found an emangement? Why is it important? What is reasoned data an emangement is requirement from the association? What is the found and behavior of the control of the c																								
	What is a data management plan? Why is it important to have one? What is DMPonline?						https://www.ed.ac.uk/information- services/research-support/research-data- service/training																		
	venine could you sake your data available openly? What are the options?  What are the services and tools available to you at the University to help manage your research	Open to all st	teff			Free for staff	https://www.ed.ac.uk/information-services/help			disciplinary/fu	u consultations	sń													
University of Edinburgh	data effectively and efficiently? This course is open to all staff and PGR students.	and PGR students	NIA	NA	In person	and PGR students	https://www.ed.ac.uk/information-services/help- consultancy/is-skills/classroom-courses/digital- research-scholarship	NA	DMP	nder requirements	restruction/ou each	s/i utr data curation	n security	ope	ın data	ethics	software								
	Good practics in research data management. This ocurse is alread at all postgraduate researchers who are interested in finding out how to manage their research data effectively and efficiently during their research projects.																								
	The course explores key data management topics (including day-to-day data management, back up and security, metadata and documentation, data sharing and preservative and risks	k-					https://www.ed.ac.uk/information-																		
	management planning) based on the MANTRA course. It includes presented content, group discussions and exercises, and is delivered by means of a participative seminar where you will be	be .					services/research-support/research-data- service/training																		
	encourages to commutal and ask questions. You will also have a chance to work on a simple da management plan for your own research project.	Open to all st and PGR	teff			Free for PGT and PGR students	https://www.ed.ac.uk/information-services/help- consultancy/is-skills/classroom-courses/digital- research-scholarship																		
University of Edinburgh University of Florida (UF) Merston Science	This course is among all protyproclaim insecretions who are invested in finding out how to manage their reasons the affectively and efficiency. Any officer insecretion process are the course segment steps of the contracting only only one sense properties. The transparent primary leads on the MATTA course. Exclude presents contract group, and the contracting of the course of	students	N/A	N/A	In person	students	research-scholarship	NA	hands-on	metadata	data curation	n data storage	DMP	sec	curity										
University of Florida (UF) Marston Science Librarians UF Digital Worlds Institute National Science Foundation (NSF)	This course is open to all PCT and PCP disubsets.  The Course is open to all PCT and PCP disubsets.  The Course is open to all PCT and PCP disubsets.  The Course is open to all PCT and PCP disubsets in the course of the course	Open	N/A	NIA	Online	Free	https://digitalworlds.ufl.edu/research- production/projects/paming-against-plagiarism- gag/	N/A	software	ethics															
	The Role of Research Data Management in Advancing Educational Research Emerging trends in educational research and practices continue to rely more heavily on							Arny L. Numberger																	
	case, whether that is big data in terms of organizational data or the data that makes learning analytics and personalized learning possible. But where do those data come from and how do they work together? In this talk. Ann Numberson will address in the time and how do they work together? In this talk. Ann Numberson will address in the property of the second s							Research Data Manager.																	
University of Hong Kong: Division of Information and Technology Studies (I&TS)	of research data management in the field of education research in terms of what they mean for our students, our practices, and our intellectual legacy	Open	1 hour	No	In person	Free	https://web.edu.hku_ hk/fevent/4225/20170606%20-%20AN.pdf	Columbia University	big data																
								Dr David B. Resnik The National																	
	Ethical, Social, and Legal Issues in International Collaborative Research This seminar will discuss some of the ethical, legal, and social issues that can arise in international research collaborations, including roles and responsibilities, data management, authorship,							Institute of Environmenta																	
	intellectual property, misconduct, and regulatory oversight. It will also consider the value of using written							Anny L. Numberger Research Data Manager, Columbia University Dr David B. Resnik The National Institute of Environmenta Health Sciences, National																	
University of Hong Kong: Division of Information and Technology Studies (I&TS)	agreements for international research collaborations.	Open	1 hour, 15 minutes	No	In person	Free	https://web.edu.hku.hk/f/event/3299/Seminar% 20-%2020151117%20%28DR%29.pdf	Institutes of Health, USA	ethics																
	Interest and controllers in Controllers of the set of reproductions, data measurement, and root of interest and interest	is r						Drofessor Pleas																	
	of recently exposed scientific fraud cases inside and outside The Netherlands, and ask what the implications are for the scientific enterprise and its public image. Second, I will switch to Questionable Research Practices (QRPs) and person that command to found one. ***	ir						Professor Klass Sijtsma Department of Methodology and Statistics School of Socia and Behavioral																	
	constitute a much bigger problem for science. I discuss the origins of QRPs, and pay attention in particular to the use of statistics. I explain why statistics is so difficult for researchers and why it is	is						Methodology and Statistics																	
	unreasonable to expect that researchers can use statistics without running into serious problems. Third, I explain why science policy rather than additional statistics training may help to improve the use of statistics and reduce the occurrence of ORPs. Fourth. I discuss some of re-views.	s. he					https://web.edu.hku.hk/event/detail-gane/never																		
University of Hong Kong: Division of Information and Technology Studies (I&TS)	experiences with data fraud and QRPs and explain some of the interventions we introduced at Tilburg University to fight QRPs.	Open	1 hour, 15 minutes	No	In person	Free	waste a good crisis toward responsible data- management	Tilburg University	ethics	security															
	LIB 573: Introduction to Research Data Management  Description: Research data management is a major issue faring modern across disciplines. — 18-																								
	Description: Research data management is a major issue facing modern across disciplines, with contractive contractive contrac	UIC students (Public Healt)	n m																						
	identify data types, rules, and requirements in their own disciplines; explore research data types across disciplines; and identify opportunities to improve sharing, reproducibility, and	sign up, according to																							
University of Illinois at Chicago	interdisciplinary contationation. This course will include asynchronous lectures and discussions, optional synchronous group chats, partner and small group discussions and projects, and development of a personal research data management states northin.	2018-08-22 Tweet by @horiviets	1 Credit	NIA	Asynchronous Online Course	N/A	https://ahs.uic.edu/inside-ahs/news/new- course-intro-to-research-data-management/	Abigail Coloni	data curation	ethics	disciplinary/fi nder requirement	tu s security													

This man can be a second or can	TEM and Management Boat Practices Implementation Program for Clarataris Students in TEM and Hasin Sciences are as in a management paining for students. we are in terms endoural mentation of data management paining for students, are proposed pitch of Ripped Gaseroom mode to present students with suppropriet research, data proposed by the Ripped Carlos of Ripped Carlos on Carlos of Ripped Car																						
This man exp class	is project will plot a rilipped classroom model to present students with appropriate research data management practices in an eight-west intensive program. In this program, the students are specified to engage with the instructional content councils the classroom, within using the in-person content to the legislary in activities that incomplaint completency and undestanding of the material. The Jeanskip program to cover the following bipter.																						
E P F F C	Introduction to Data management principles;																						
E P F F C	Introduction to Data management principles;																						
P F T 0 0	Introduction to Data management principles; Deep Dive – discipline standards, DMP draft;																						
I D																							
	Dielep Love — onscripter searcrandor, some rares; Project may, project miarrative status; Folder structure develops; File naming; latels of contents, indexing develop;																						
	Templates develop: DMP finalized, project narrative finalized; and Ongoing practice, personal policy developed																						
1104																							
Jniversity of Illinois at Chicago / NNLM into	ne classroom time will be used by the students to systematically develop and holistically segate these practices in to their research projects. This pilet project is unique in that it diverses both education about data management practices and the integration of best practices to the research workflow in a personalized manner.	Open (?)	8 weeks	N/A	Hybrid	N/A	https://news.nnlm.gov/gmr/2018/06/gmr-funds- innovative.plot.program.to.search-graduate- students-research-date-management/	Tina Griffin	DMP	handa-on	disciplinaryifu nder requirements												
Cut	urating your research: Research Data Management for Artists	Open (1)	U WEEKS	No.	iiya u	NA.			Lini	I I I I I I I I I I I I I I I I I I I	requients												
can Go	in take the form of material experimentation, documentation, interviews, surveys and more, tood research data management practices enables sharing and reuse of your data, keeps your that sade, supportly your future research and can very research outcomes, in this seasion, you Il learn how you can manage your research data, and some tools to make life a bit easier.						au/developing-my-skills/development-and- training/managing-my-graduate-research;	Georgina Binns, Ruth McConchie and Peter Neis	disciplinaryflu nder requirements														
		Open	1 hour	No	In person	Free	research-data-management for artists	Neis Neis	requirements	security													
mm wid	mensive informatics was a distinctive training pilot program which aimed to provide participants th the essential browledge required to describe, manage, identify, access, preserve and re-use search data. The project was a collaboration between the University of Melbourne and UKOLN formatics.																						
Info	search data. The project was a collaboration between the University of Melbourne and UKOLN formatics.																						
The licer Joiversity of Melbourne Library ples	te training material from the pilot program has been released under a Creative Commons ence. To learn more about the pilot and receive updates on the release of the training materials, lease contact the digital scholarship team (digischol-library@unimetb.edu.au).	Need to contact		NIA	Online	Free	https://ibrary.unimelb.edu.au/digital-	NA	data curation														
	nase contact into organ acciocamin passem (organizationarray gottimeta socialiu). EES Craduata Research Skills - Research Data Management is a module module for all SEFS graduate students to support and develop their research skills and self-test						http://primeth.librorides.com/c.php?		disciplinary/fu														
University of Melbourne Library A m	module for all SEFS graduate students to support and develop their research skills and self-test	Open	NIA	NA	Online	Free	g=6188248c=4360713	N/A Peter Neish,	requirements	security	ethics	data curation	DMP										
							https://ibrary.unimelb.edu	Peter Neish, Jared Winton, Lyle Winton, Catherine Nie and Chris Stueven	decinferently														
University of Melbourne Library Dat	ata @Melbourne: current and future services	Open	1 hour	No	In person	Free	2018 program-2018 data-@-melbourne- current-and-future-services	and Chris Stueven	disciplinary/fu nder requirements	data visualization													
Dat ts s	tale Management Planning and DMPToot vortishing a Data Management Planning and DMPToot vortishing for your research? Woold you like to plan the management of your research data to make life easier down the road? Learn about Data anagement Plans and get hands-on experience using DMPToot, an online wizard for creating MPP shat ment experied further requirements.																						
for t Man University of South Carolina DM	r the management of your research data to make life easier down the road? Learn about Data anagement Plans and get hands-on experience using DMPTool, an online wizard for creating MPs that meet specific funder requirements.	Open	1 hour	N/A	In person	Free to affiliates	https://sc. edulabout/offices_and_divisions/university_libr arias/find_services/workshops/index.php	Stacy Winchester	DMP	software													
Dat Fire	ata Management Planning Workshop om April 2-5, the UW Libraries is offering Data Management Planning, an asynchronous online																						
wor star	or a nut meut spiciori currair inquienterias.  La Management Perinning Workshop on April 2.5. The UVIL Libraries is offering Duta Management Plianning, an apynchronisa osline on April 2.5. The UVIL Libraries is offering Duta Management Plianning, to observe the Control of the																						
carr	mpus support to aid researchers.																						
Not res	ote: we will be offering two concurrent versions of this class, one for health sciences searchers, the other for multiple disciplines outside of health sciences. When you register for the sis, please inclose which version of the class you'd like to aftend.																						
	ass, please information and link to registration is below. Contact us with any questions.																						
	ata Management Planning Workshop																						
	free, tutor-supported online learning workshop																						
Dur Tirr	uration: Monday, April 2 – Thursday, April 5 (4 days) me Commitment: Approximately 30 minutes to 1 flour per day, for 4 straight days trept audience: UW community mambers engaged in research with data. esequialists: Access to the internet for each of the 4 days identified. A valid UW NetID is also																						
Pre																							
	ascription:	UW health science researchers																					
This tips																							
opp opp Iniversity of Washington Health Sciences Library be	is microus-ceases womanip consists or invitinies are peer accusion instrum that we provide so in how to difficultively plain for data management over the lifecycle of your research project, vaking students to share experiences with one another, this workshop gives you the opportunity to reflect on your research workflow and to see how various techniques and tools can employed to most effectively manage, share and preserve your data.	outside of the health science	(4 days, 1 hour per day)	N/A	Online	Free to affiliates	https://hal.uw.edu/data-management-planning- workshop-april-2-5/	NA	data curation	DMP													
REI	EDCap Training Series 2018																						
Inversity of Washington Institute of Translational reconstants Sciences con	te new ITHS REDCap training curriculum has been divided into three skill levels. We commend that you only take classes in one of the higher levels if you feel that you mastered the nospts in the lower levels.	UW ITHS researchers	1 hour	N/A	In person	Free to affiliates	org/investigators/services/bmi/redcap/2018- curriculum/	NA	software	data curation													
Dati Co	niceps in the lower levels.  The standard section of managing research data, including file naming and organization conventions, its documentation and best practices in data storage and backups.																						
University of Wisconsin-Milwaukee Libraries No	ita documentation and best practices in data storage and backups.  precistration necessary.	UWM affilates	1 hour	N/A	In person	Free to affiliates	https://www.edu/news/event/data-management- 101/	Kristin Briney	data storage	data curation													
		Onne usual			In-person Online materials				consultations/i	data													
			N/A	NA		Free (?)	http://www.vads4r.vads.ac.uk/p/events_25.html	NA	each disciplinary/fu	visualization	data storage	infrastructure	digital curation	n DMP	data storage								
AUS4H / Dr Hobin Burgess at Glasgow School of rt Prir			N/A	NA	Online materials	Free	http://www.vads4r.vads.ac.uk/plonine-learning. html	Robin Burgess	requirements disciplinary/fu														
/ADS4R / Dr Robin Burgess at Glasgow School of Art The	ne Discoverability and Reuse of Arts Research Data		N/A	NA	Online materials	Free	http://www.vads4r.vads.ac.uk/p/online-learning. html	Robin Burgess	requirements	security													
/ADS4R / KAPTUR Project (2011-13) Intre	troduction to Research Data	Open; Visual arts researchers	N/A	N/A	Online materials	Ema	https://werte.ucreative.ac.uk/play.php? template.id=32	Marie-Therese	data curation	disciplinary/fu nder requirements	data eterano												
		Open: Visual		NIA		rise	https://wete.ucreative.ac.uk/play.php?	Marie-Therese		disciplinary/fu nder	Clata Storage												
/ADS4R / KAPTUR Project (2011-13) Date	ata Management Planning	Onen: Visual	NIA	NIA		Free	template_id=31	Marie-Therese Gramstadt	riscinling rulls	requirements													
/ADS4R / KAPTUR Project (2011-13) Mar	anaging the Material	arts data managers Onen	N/A	N/A	Online materials	Free	https://xerte.ucreative.ac.uk/play.php? template_id=30	Marie-Therese Gramstadt	nder requirements														
		Open; postgraduate students and																					
		early careers researchers in the visual arts			Online materials		http://www.vads4r.vads.ac.uk/p/online-learning.		disciplinary/fu nder														
/ADS4R / KAPTUR Project (2011-14) How	ow to Avoid a Data Disaster	Open; postgraduate students and	N/A	NIA	materials	Free	bles	NA	requirements														
		postgraduate students and early careers							disciplinary/lu														
/ADS4R / KAPTUR Project (2011-14) Will	liting the AHRC Technical Plan	researchers in the visual arts	N/A	NA	Online materials	Free	http://www.vads4r.vads.ac.uk/p/online-learning. html	NIA	disciplinary/fu nder requirements	DMP													
Dat	ata Management for Clinical Research																						
stor dar	ns course presents critical concepts and practical memorals to support painting, collection, orage, and dissemination of data in clinical research. Understanding and implementing solid till management principles is critical for any scientific domain. Recordless of your current for																						
enti me	sticipated) role in the research enterprise, a strong working knowledge and skill set in data anagement principles and practice will increase your productivity and improve your science. Our skill is to use these models to be the set leads and excellent the skill set. This excess our productivity and improve your science.																						
goa ven foc	vis ocurse presents ortical concepts and practical methods to support planning, collection, reapy, and dissemination of data in nicrial research. Understanding and implementing sold production of the support of the					Free Paid for	https://www.coursera.org/leam/clinical-data- management/Sociation	Stepany Duda															
/anderbilt University (Coursera) prac The	actices for data management. he aim of the Wicked ways project is to bring together a network of those involved in tackling the	Open	6 weeks	With payment	Online	certificate	managementExyllabus	Paul Harris	data curation	DMP													
wici pro	actions for disk minaragement.  action for following ways project is to bring together a network of those involved in tacking the clear EOM problem on different institutions and through an iterative, reflective and participative between the problem of the problem in the problem of the wide problem concept. The process will also itself help to create a proportion community of prostation to practicate.																						
	iderstanding of the wicked problem concept. The process will also itself help to create a																						
un. Sup																							
unt sup The	the collaborators in creating the learning resource are drawn from the various stakeholders in																						
The RDI and	on collaborations in creating the learning resource are chains from the various statesholders in the state of the state o				In person			Andrew Cox Eddy Verbaan Liz Waller Mike Mertens															

Eligibility	Eligibility count
Open	104
Affiliates	25
Researchers	11
Librarians and other LIS professionals	10
N/A	7
Conference attendees	6
Invite	1

Time Commitment											
N/A	73										
1 hour	24										
1 day	14										
2 days	8										
2 hours	4										
3 hours	4										
1.5 hours	3										
6 hours	3										
1 hour, 15 minutes	2										
1 week	2										
3 days	2										
4 hours	2										
50 minutes	2										
8 weeks	2										
Half day	2										
1 month	1										
1 year	1										
1.5 days	1										
11 hours	1										
14 hours	1										
2.5 days	1										
3-6 months	1										
3+ hours	1										
45 minutes	1										
5 days	1										
50 hours	1										
6 weeks	1										
7 hours	1										
7 hours/week	1										
7 weeks	1										
7.5 hours	1										
8 hours	1										

11/28/2018

Documentation	
N/A	150
Certificate	6
Continuing Education Credits	6
Badge	1

Online? In person?	
In person	54
Online	44
Online materials	41
Hybrid	18
N/A	5

	Cost
79	Free
43	N/A
11	Free for affiliates
4	Conference registration \$160-475
2	\$2,000
2	\$225-415
2	\$40-140
2	\$43-206
2	Conference registration
1	\$50
1	\$99
1	\$250
1	\$1,700
1	\$125-200
1	\$140-210
1	\$15-35
1	\$20-50
1	\$200+
1	\$30-60
1	\$43-310
1	\$53-79
1	£420-700)
1	£840 -£3180
1	Free-\$30
1	Free-€695

data curation	52
disciplinary/funder requirements	46
DMP	45
data storage	44
infrastructure	36
security	33
software	32
ethics	26
consultations/instruction/outreach	23
metadata	21
analysis	16
data science	10
hands-on	10
open data	10
data visualization	9
data literacy	6
big data	4
data sharing	1