



**CERTIFIED HEALTH<sup>TM</sup>  
INFORMATICIAN  
AUSTRALASIA**

# Sample Study Plan

Sample Study Plans  
Edition 1.1  
May 2022

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1.0	25 September 2020	D McNeile McCormick CHIA Examination Committee	Formatting for public release
1.1	16 May 2022	D McNeile McCormick	Updates to align to the Australian Health Informatics Competency Framework (AHICF)

This document was produced for the CHIA community. Any future changes will be determined by the Examination Committee and new versions of this document will be produced as a consequence.

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# Introduction

The Certified Health Informatician Australasia (CHIA) examination tests a candidate's knowledge of health informatics competencies.

The examination provides for ninety (90) days of self-directed study, with a recommendation to allow for eight (8) hours of study per week to cover the six core domains of expertise taken directly from the [Australian Health Informatics Competency Framework \(AHICF\)](#).

# Study Plan

A suggested study plan has been provided which candidates can utilise to organise their study time or can modify and adapt to their own study requirements.

The sample study plan has been designed for candidates who may utilise the 90 days in its entirety, with the examination being undertaken 2 weeks prior to the final date that the examination can be undertaken.

The sample study plan provides time for each of the 53 competencies to be reviewed, with time to read through the resources located within either the Examination Study Guide or the [A Practitioners Guide to Health Informatics in Australia](#) and time to undertake the second attempt of the examination if required.

***Candidates should consider their own knowledge base and learning style when utilising one of the sample study plans, and factor in that some candidates may need to spend less time on some competencies, or more time on other competencies and so may modify or adapt the sample study plan accordingly.***

## Sample Study Plan

This sample study plan has been created for CHIA Candidates to prepare for the CHIA Examination.

### Month 1

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>90 Days from today</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>
<i>Day off</i>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Health Sciences <b>Domain A</b>	Information Science <b>Domain B</b>	Information Science <b>Domain B</b>
<i>Day off</i>	Information Science <b>Domain B</b>	Information Science <b>Domain B</b>	Information Science <b>Domain B</b>	Information Science <b>Domain B</b>	Information Technology <b>Domain C</b>	Information Technology <b>Domain C</b>
<i>Day off</i>	Information Technology <b>Domain C</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>
<i>Day off</i>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>				

### Month 2

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>	Leadership and Management <b>Domain D</b>
<i>Day off</i>	Social and Behavioural Sciences <b>Domain E</b>	Social and Behavioural Sciences <b>Domain E</b>	Social and Behavioural Sciences <b>Domain E</b>	Social and Behavioural Sciences <b>Domain E</b>	Social and Behavioural Sciences <b>Domain E</b>	Social and Behavioural Sciences <b>Domain E</b>
<i>Day off</i>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>
<i>Day off</i>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>
<i>Day off</i>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>		

## Month 3

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					Core Health Informatics <b>Domain F</b>	Core Health Informatics <b>Domain F</b>
<i>Day off</i>	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)
Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	Revision (read through Resource Links)	<b>First Attempt</b>	<i>Day off</i>
<i>Day off</i>	Revision (if needed)	Revision (if needed)	Revision (if needed)	Revision (if needed)	Revision (if needed)	Revision (if needed)
<i>Day off</i>	Revision (if needed)	Revision (if needed)	Revision (if needed)	<b>Second Attempt (if needed)</b>	<b>End of 90 Days</b>	

## Chapters and Competency Checklist

This sample check list can be used to tick off each competency as you complete it.

Domain	Competency	Level	Status
<b>Health Sciences</b>  <i>16 questions</i>	A.1	Health concepts	Understanding
	A.2	Health determinants	Understanding
	A.3	Health language	Understanding
	A.4	Clinical decision making	Understanding
	A.5	Evidence informed practice	Understanding
	A.6	Care delivery models	Understanding
	A.7	Epidemiology concepts	Understanding
	A.8	Health sector structures	Understanding
<b>Information Science</b>  <i>12 questions</i>	B.1	Information science concepts	Applying
	B.2	Data and information analysis	Applying
	B.3	Data and information visualisation	Understanding
	B.4	Design and development	Applying
	B.5	Implementation, adoption, and evaluation	Applying
	B.6	Data governance principles	Applying
<b>Information Technology</b>  <i>6 questions</i>	C.1	System design concepts	Understanding
	C.2	System lifecycle	Applying
	C.3	System security	Applying

Competency	Competency	Level	Status	
<b>Leadership and Management</b>  <i>22 questions</i>	D.1	Leadership Strategies	Applying	
	D.2	Information and system governance	Applying	
	D.3	Business alignment	Applying	
	D.4	Stakeholder engagement	Applying	
	D.5	Program and project management	Applying	
	D.6	Change management	Applying	
	D.7	Risk management	Applying	
	D.8	Quality management	Applying	
	D.9	Value management and benefit realisation	Applying	
	D.10	Process reengineering	Applying	
	D.11	Information culture	Applying	
<b>Social and Behavioural Sciences</b>  <i>12 questions</i>	E.1	Sociotechnical concepts	Applying	
	E.2	Problem solving	Applying	
	E.3	Legislative and regulative requirements	Applying	
	E.4	Information privacy	Applying	
	E.5	User experience	Applying	
	E.6	Health literacy	Applying	
<b>Core Health Informatics</b>  <i>36 questions</i>	F.1	Informatics history	Understanding	
	F.2	Informatics specialisation	Analysing	
	F.3	Informatics theories	Applying	
	F.4	Health economic concepts	Applying	
	F.5	Stakeholder education	Analysing	
	F.6	Information structure and design	Analysing	
	F.7	Data and information attributes	Analysing	
	F.8	Emerging concepts	Analysing	
	F.9	Data governance practices	Analysing	
	F.10	Indigenous Data Sovereignty	Applying	
	F.11	Information system architectures	Analysing	
	F.12	Information system types	Analysing	
	F.13	Digital divide	Applying	
	F.14	Participatory health informatics	Analysing	



Competency		Competency	Level	Status
<b><i>Core Health Informatics (continued)</i></b>	F.15	Clinical safety risks	Analysing	
	F.16	Interfacing and interoperability standards	Analysing	
	F.17	Knowledge sharing and translation	Applying	
	F.18	Literature analysis	Analysing	

# Acknowledgements

The continuation and improvement of the CHIA program would be possible without the dedication and generosity the CHIA Examination Committee. We thank all members past and present for sharing your wisdom and time.

## **Members of the CHIA Examination Committee (May 2022)**

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