

## Course Outcomes – Program Outcomes (COPO) Mapping and Attainment

### Program Outcomes (PO): B.A. (H) History

#### UGCF (NEP)

The Preamble of the Undergraduate Curriculum Framework-2022 underlines the historical perspective, philosophical basis, and contemporary realities of higher education as enshrined in the National Education Policy 2020 and endeavours to synchronize these cornerstones while charting the road ahead for the state of higher education. On completion of graduate in History discipline students are expected to have acquired the skills of critical thinking, rational enquiry, effective communication, and exploring the relationship between past, present and historiography.

#### ABBREVIATIONS / NOMENCLATURE

Sno.	Nomenclature	Description	Aggregate Courses
1.	DSC	Discipline Core Courses	DSC1, DSC2...
2.	DSE	Discipline Specific Electives	DSE1, DSE2...
3.	GE	General Electives	GE1 , GE2 ...
4.	MDSC	Multidisciplinary Discipline-Specific Core	MDSC1, MDSC2...
5.	MDSE	Multidisciplinary Discipline-Specific Elective	MDSE1, MDSE2...

Sno.	Program Outcomes (PO): B.A. History	Statements
1.	PO1	<p><b><i>Construct Historical Narratives:</i></b></p> <ul style="list-style-type: none"> <li>● Describe significant developments within the historical contexts, covered in the syllabus,</li> <li>● Identify and analyse the significance of historical changes that take place within a society or culture,</li> <li>● Explain the patterns of such transitions,</li> <li>● Assess patterns of continuities within such historical contexts.</li> <li>● Familiarity with the significant patterns of development in certain parts of the modern and early modern world as well as certain non-Indian ancient societies.</li> <li>● Sensitivity to gender and social inequities as well as acquaintance with the historical trajectories of these issues.</li> <li>● Greater respect for basic human values and ideals of equality, freedom, respect for diversity, and other constitutional values</li> </ul>
2.	PO2	<p><b><i>Formulate arguments based on a historiographical engagement:</i></b></p> <ul style="list-style-type: none"> <li>● Formulate, sustain, and justify a historical argument,</li> <li>● Support and establish such arguments with historical evidence drawn mainly from secondary sources and wherever possible also from primary sources,</li> <li>● Situate historical arguments within a larger scholarly narrative</li> <li>● Explain that while chronology and knowledge of the basic facts of history are necessary, the study of history involves critical evaluation and processing of those facts to arrive at coherent interpretations of the past.</li> <li>● Exhibit a familiarity with “the historian’s craft methods and rigours of the discipline.</li> <li>● Greater respect for basic human values and ideals of equality, freedom, respect for diversity, and other constitutional values</li> </ul>
3.	PO3	<p><b><i>Engage with scholarly writings and presentations:</i></b></p> <ul style="list-style-type: none"> <li>● Abstract the main arguments/concepts/ideas embedded in scholarly writings in History,</li> <li>● Comprehend, and explain the structure of arguments and claims made in such writings,</li> </ul>

		<ul style="list-style-type: none"> <li>● Note the empirical evidence used to establish such claims.</li> </ul>
<b>4.</b>	<b>PO4</b>	<p><i>Answer questions, write essays and research papers:</i></p> <ul style="list-style-type: none"> <li>● Access and identify reliable and appropriate source materials, Evaluate source materials, Incorporate ideas from these sources.</li> <li>● Synthesize arguments and facts culled from scholarly writings, Articulate a persuasive and well-structured historical argument on the basis of such synthesis,</li> <li>● Employ multiple forms of evidence in this historical argument,</li> <li>● Formulate relevant and meaningful historical questions, Read and interpret primary sources, at least at an elementary level, wherever there is an opportunity or requirement,</li> <li>● Interpret appropriately and answer questions based on the above,</li> <li>● Write clear, cogent, and well – researched essays and academic papers, to make an argument based on appropriate evidence about a selected topic or question in his- tory (evidence could include secondary and/or primary sources), avoiding plagiarism,</li> <li>● Use proper citations and footnotes within formal written assignments, Deliver presentations based on such well – researched material orally as well, Participate in debates and other forms of verbal historical discussion.</li> </ul>

**Course Outcomes (CO): B.A (H) History**

<b>SEMESTER 1:</b>			
<b>DSC 01: History of India I (Form the Beginning to Fourth Century BCE)</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
231210110 1	History of India I (Form the Beginning to Fourth Century BCE)	CO1	After completing the course, the students will be able to appreciate the diverse histories of our past and the significant technological, social and cultural changes in the Indian Subcontinent from prehistoric times.
		CO2	The students will understand the significance of environment and ecology and have an understanding of the historical trajectory of the relationships between communities and their subsistence strategies, regions, landscapes and resources.
		CO3	They will be able to understand the transitions to early state formations, social complexity and emergence of religious and philosophical traditions.
		CO4	The students will learn about early artifacts, texts, coins and epigraphs, and recognise the need to study and preserve the rich cultural heritage of our past while also realizing the possibilities and future potential of the study of ancient Indian history.
<b>DSC 02: Social Formations and Cultural Patterns of the Ancient World-I</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
231210110 2	<b>Social Formations and Cultural Patterns of the Ancient World-I</b>	CO1	Trace long term changes in the relationship of humans to their landscapes, to resources and to social groups.
		CO2	Discuss that human history is the consequence of choices made in ecological and biological Context and that these choices are not forced by

			external forces like environmental change but are also enabled by changes in technology and systems of cultural cognition.
		CO3	Delineate the significance of early food production and the beginning of social complexity.
		CO4	Analyze the process of state formation and urbanism in the early Bronze Age Civilizations.
		CO5	Correlate the ancient past and its connected histories, the ways in which it is reconstructed and begin to understand the fundamentals of historical methods and approaches.

**DSC 03: History of the USA: Independence to Civil War**

<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
2312101103	History of the USA: Independence to Civil War	CO1	Explain the emergence of a new independent nation in the Western Hemisphere (USA) at the cost of placing Indigenous tribes behind reserves and introduction of the institution of slavery and racism.
		CO2	Examine the limits of American democracy in its formative stages along with the foundation of the U.S foreign policy.
		CO3	Describe the economics of slavery in the USA along with details of slave culture and forms of resistance.
		CO4	Trace the main issues related to the Civil War and its critical evaluation

**GE-01**

**Delhi Through the Ages: The Making of Its Early Modern History**

<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
2314001002	<b>Delhi Through the Ages: The Making of Its Early Modern History</b>	CO1	To acquaint students with the history of Delhi till the early modern period
		CO2	Analyse the processes of urbanization as shaped by political, economic and social changes.

**BA PROGRAM: (MULTIDISCIPLINARY)**

**MDSC-01:History of India: from earliest times up to c. 300 CE**

<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
231220110 1	History of India: from earliest times up to c. 300 CE	CO1	Explain the importance of various sources for study of prehistory and proto-history
		CO2	Distinguish between civilization and culture, particularly in the context of the Harappan civilization
		CO3	Understand the concept of production and costs in detail Locate the developments related to the introduction of Iron in early societies leading to urbanism and state formation
		CO4	Outline the key features of the Mauryan period.
		CO5	Locate the shift of historical focus from Gangetic belt to newer areas alongside the process of assimilation.
<b>MDSC-02 Ancient Societies</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
231220110 2	Ancient Societies	CO1	Define and explain concepts like Urban Revolution, Bronze Age and Civilization.
		CO2	Discuss the debate around metal technology.
		CO3	Describe ecological and other reasons for emergence of the various civilizations.
		CO4	Understand social complexities of different civilizations.
		CO5	Explain trends in the economy of these civilizations.
		CO6	Gain an understanding of cultural patterns and religious developments.

### COPO MAPPING

<b>SEMESTER I: COPO MAPPING</b>					
Paper s	Program Outcome : PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
DSC0 1	CO1	✓			
	CO2	✓	✓		
	CO3	✓			
	CO4			✓	✓
	CO5				
DSC0 2	CO1	✓			
	CO2	✓	✓		
	CO3	✓			
	CO4	✓			
	CO5			✓	✓
DSC0 3	CO1	✓		✓	
	CO2	✓			
	CO3	✓	✓	✓	
	CO4	✓			
GE1	CO1	✓			
	CO2	✓		✓	✓
MDS C1	CO1			✓	✓
	CO2	✓	✓		
	CO3		✓		
	CO4	✓	✓		
	CO5				
MDS C2	CO1	✓			
	CO2		✓	✓	

	CO3	✓	✓		
	CO4	✓	✓		
	CO5		✓		
	CO6	✓		✓	✓

<b>SEMESTER II:</b>			
<b>DSC 04: History of India – II: c.4th century BCE to 750 CE</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
2312101201	<b>History of India – II: c.4th century BCE to 750 CE</b>	CO1	Discuss the ways in which historians have questioned the characterization of the Mauryan state.
		CO2	• Delineate changes in agriculture, technology, craft-production, urban development, trade and use of currency.
		CO3	• Analyse critically the changes in the varna/caste systems and the changing nature of gen-der relations and property rights.
		CO4	• Write and undertake projects related to religious developments, art, architecture, and forms of patronage.
<b>DSC05 : Social Formations and Cultural Patterns of the Medieval World –II</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>



231210120 2	<b>Social Formations and Cultural Patterns of the Medieval World –II</b>	CO1	Identify the main historical developments in Ancient Greece and Rome.
		CO2	• Gain an understanding of the restructuring of state and society from tribe-based polities to those based on territorial identity and citizenship.
		CO3	• Trace the emergence and institutionalisation of social hierarchies and marginalisation of dissent.
		CO4	• Explain the trends in the medieval economy.
		CO5	• Analyse the rise of Islam and the move towards state formation in West Asia.
		CO6	Understand the role of religion and other cultural practices in community organisation.
<b>DSC-06</b>			
<b>History of the USA: Reconstruction to New Age Politics</b>			
231210120 3	<b>History of the USA: Reconstruction to New Age Politics</b>	CO1	Explain the reasons for the implementation of ‘Radical’ Reconstruction and the causes for its limited success
		CO2	• Analyze the growth of capitalism in the USA
		CO3	• Discern the history of Populist and Progressive Movements
		CO4	• Describe the nature of the Women’s Liberation Movement and its changing contours from the nineteenth to twentieth centuries
		CO5	• Trace the significance of the African-American Movement and how it eventually assisted in the emergence of Civil Rights Movement under Martin Luther King Jr.
<b>GE-02</b>			
<b>Delhi through the Ages: From Colonial to Contemporary Times</b>			

231400120 1	Delhi through the Ages: From Colonial to Contemporary Times	CO1	Analyse the political developments and their legacy for the shaping of the city.
		CO2	• Discern the importance of ‘local’ social, ecological and cultural processes that shape and reshape the city
		CO3	• Explain the historical roots of the problems of sustainable urbanization with regard to Delhi.
<b>BA PROGRAM (MULTIDISCIPLINARY)</b>			
<b>MDSC-03 History of India, 300 CE to 1200 CE</b>			
231220120 1	History of India, 300 CE to 1200 CE	CO1	Develop an understanding of the ever fluid political scenario of the period identified in this paper, with special focus on regional politics.
		CO2	Identify the historical importance of the accelerated practice of land grants issued by ruling houses.
		CO3	Delineate changes in the realm of economy, society and culture with emphasis on newer forms of art and architecture.
		CO4	Contextualize the evolution and growth of regional styles of temple architecture and the evolving role of these temples as centers of socio-economic and political activities.
<b>MDSC-04 Medieval Societies: Global Perspectives</b>			
231220120 2	<b>Medieval Societies: Global Perspectives</b>	CO1	Identify the medieval societies in global context especially focussing on Europe, Central Asia, India and China with clarity in.
		CO2	Analyse the rise of Islam and move towards state formation in west Asia.
		CO3	Understand the role of religion and other cultural practices in community organisation.
		CO4	What was medieval China and the science and civilization there.
		CO5	Finally the technological growth that led to cultural efflorescence during the later period. (Ming period )

## COPO MAPPING

<b>SEMESTER II: COPO MAPPING</b>					
Paper s	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
DSC4	CO1	✓			
	CO2	✓			
	CO3	✓			
	CO4		✓		
	CO1	✓	✓		
DSC5	CO2	✓	✓		
	CO3	✓	✓		
	CO4	✓	✓		
	CO5	✓	✓		
	CO6	✓	✓		
	CO1	✓	✓	✓	✓
DSC6	CO2	✓	✓		
	CO3	✓	✓		
	CO4	✓	✓		
	CO5	✓	✓		
	CO1	✓	✓		
GE2	CO2	✓	✓		
	CO2	✓	✓	✓	✓
	CO1	✓	✓		
MDS C3	CO2	✓	✓	✓	

	CO3	✓	✓		
	CO4	✓	✓		
MDS C4	CO1	✓	✓	✓	
	CO2	✓	✓	✓	
	CO3	✓			
	CO4	✓			
	CO5	✓		✓	

<b>SEMESTER III: DSC 07: History of India – III: 750 – 1200</b>			
Unique Paper Code	Name of the Paper	Course Outcome: CO	Statement
231210230 1	<b>History of India – III: 750 – 1200</b>	CO1	Critically assess the major debates among scholars about various changes that took place with the onset of early medieval period in India.
		CO2	<ul style="list-style-type: none"> <li>Explain, in an interconnected manner, the processes of state formation, agrarian expansion, proliferation of caste and urban as well as commercial processes.</li> </ul>
		CO3	<ul style="list-style-type: none"> <li>Discuss the major currents of developments in the cultural sphere, namely Bhakti movement, Puranic Hinduism, Tantricism, architecture and art.</li> </ul>
		CO4	
<b>DSC08 : Rise of the Modern West – I</b>			
231210230 2	<b>Rise of the Modern West – I</b>	CO1	Outline important changes that took place in Europe from the mid fifteenth century.

		CO2	Acquire an integrated approach to the study of economic, social, political and cultural developments in Europe.
		CO3	Explain the processes by which major transitions unfolded in Europe's economy, state forms, social structure and cultural life. Examine elements of early modernity in these spheres.
		CO4	Critically analyse linkages between Europe's State system and trade and empire.
<b>DSC-09 History of Modern China ( 1840 –1950s)</b>			
231210230 3	<b>History of Modern China ( 1840 –1950s)</b>	CO1	Develop an in-depth understanding of China's engagement with the challenges posed by imperialism, and the trajectories of transition from feudalism to a bourgeois/ capitalist modernity.
		CO2	Analyse significant historiographical shifts in Chinese history, especially with reference to the dis-courses on nationalism, imperialism, and communism.
		CO3	Investigate the political, economic, social and cultural disruptions caused by the breakdown of the centuries old Chinese institutions and ideas, and the recasting of tradition to meet modernist challenges.
		CO4	Comprehend the genesis and unique trajectories of the Chinese Communist Revolution.
		CO5	Locate the rise of China and Japan in the spheres of Asian and world politics respectively.
<b>DSE 01</b>			
<b>Global Environmental History</b>			
231310200 1	Global Environmental History	CO1	Critique an understanding of environmental concerns based on a narrow scientific / technological perspective
		CO2	Understand the interconnected histories of the relationship between social formations and environmental transformations around the globe from prehistory to the present.
		CO3	Discuss environmental issues within a socio-political framework.

		CO4	Identify the historical roots of the current climate crisis.
		CO5	Apply interdisciplinary methods of Humanities and Social Sciences to understand the past.
		CO6	Examine the role of social inequality, i.e., unequal distribution of and unequal access to environmental resources. This is critical in gaining an understanding of the environmental crisis of the world - from the global to the local
		CO7	Locate solutions to environmental problems within a framework of greater democratisation of resource use.
		CO8	Problematise the notion of a pristine past and of perfect balance between human societies and nature in pre-modern times.
<b>GE-03 Making of Post-Colonial India</b>			
231400200 2	Making of Post-Colonial India	CO1	Draw a broad outline of the history of the early years of the Indian Republic, focusing on the framing of the Constitution, the integration of princely states, the reorganization of states and the features of our foreign policy.
		CO2	Examine critically patterns of economic development in the early years of Independence and the subsequent shifts and the persistent problems of uneven development.
		CO3	Trace a broad history of political organizations at the national level and political developments in the regional contexts.
		CO4	Examine issues of critical relevance with respect to the assertions and mobilization in the movements on the questions of caste, tribe and women.
<b>BA PROGRAM (MULTIDISCIPLINARY)</b>			
MDSC05 -History of India 1200 – 1550			
231220230 1	History of India 1200 – 1550	CO1	Identify the major political developments in the history of India during the period between the thirteenth and the first half of the sixteenth century.

		CO2	Outline the changes and continuities in the field of culture, especially with regard to art, architecture, Bhakti movement and Sufi movement.
		CO3	Discuss the economic history of the period under study in India especially, where agrarian production and its implications are concerned.
		CO4	Delineate the development of trade and urban complexes during this period.
<b>MDSC-06 Cultural Transformations in Early Modern Europe-I</b>			
2312202302	<b>Cultural Transformations in Early Modern Europe-I</b>	CO1	Understand the different perspectives of cultural developments in Europe.
		CO2	<ul style="list-style-type: none"> <li>● Explain the Renaissance in the realm of art, literature, science and philosophy and the processes by which major transformation unfolded in European society and culture.</li> </ul>
		CO3	<ul style="list-style-type: none"> <li>● Trace the upheaval in Religion in the form of Protestant Reformation and Counter Reformation.</li> </ul>
		CO4	<ul style="list-style-type: none"> <li>● Identify the material, social and cultural aspects after the conquest of the New World.</li> </ul>
		CO5	

<b>COPO MAPPING</b>					
<b>SEMESTER III: COPO MAPPING</b>					
Paper s	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
DSC7	CO1		✓	✓	
	CO2	✓			

	C03	✓	✓		
DSC8	C01	✓			
	C02		✓	✓	
	C03		✓	✓	
	C04		✓	✓	
DSC9	C01	✓			
	C02		✓	✓	
	C03	✓	✓		
	C04			✓	
	C05		✓	✓	
DSE1	C01		✓		
	C02	✓	✓		
	C03	✓	✓		
	C04		✓	✓	
	C05	✓	✓		
	C06		✓	✓	
GE3	C01	✓			
	C02		✓		
	C03	✓	✓		
	C04		✓	✓	
MDS C5	C01	✓	✓		
	C02	✓			
	C03	✓	✓		
	C04	✓			
MDS C6	C01	✓	✓		
	C02	✓	✓		
	C03	✓			



	CO4	✓			
--	-----	---	--	--	--

<b>SEMESTER IV:</b>			
<b>DSC 10: History of India – IV: c.1200 – 1500</b>			
<b>Unique Paper Code</b>	<b>Name of the Paper</b>	<b>Course Outcome: CO</b>	<b>Statement</b>
231210240 1	<b>History of India – IV: c.1200 – 1500</b>	CO1	Discuss different kinds of sources available for writing histories of various aspects of life during the thirteenth to the fifteenth centuries.
		CO2	Critically evaluate the multiple perspectives from which historians have studied the politics, cultural developments and economic trends in India during the period of study.
		CO3	Appreciate the ways in which technological changes, commercial developments and challenges to patriarchy by certain women shaped the times.
		CO4	
<b>DSC11 : Rise of the Modern West – II</b>			
231210240 2	<b>Rise of the Modern West – II</b>	CO1	Explain major economic, social, political and intellectual developments in Europe during the 17th and 18th centuries.
		CO2	Contextualize elements of modernity in these realms.
		CO3	Discuss the features of Europe's economy and origins of the Industrial Revolution.
		CO4	Analyse the relationship between trade, empire, and slavery and industrial capitalism.
		CO5	Examine the divergence debate.
<b>DSC-12 History of Modern Japan (c. 1868 –1950s)</b>			
231210240 3	<b>History of Modern Japan (c. 1868 – 1950s)</b>	CO1	Explain Japan's attempts to create new institutional structures and recast traditions to encounter challenges of the west.
		CO2	<ul style="list-style-type: none"> <li>Analyse historiographical shifts in Japanese history in the context of global politics. Examine the divergent pathways to modernity followed by Japan.</li> </ul>

		CO3	• Locate and contextualise the history of Japan in world politics.
		CO4	Critically discuss contemporary international studies with much greater clarity based on the knowledge of history and culture of Japan.
<b>DSE 02 :Environmental History of the Indian Subcontinent</b>			
231310200 5	Environmental History of the Indian Subcontinent	CO1	Understand the historical methodologies and concepts to explain the environmental contexts of the past social and cultural transformations.
		CO2	Develop a historical perspective on the complex relationship between society and nature from prehistory to the present in the context of the Indian subcontinent.
		CO3	Discuss how societies developed technologies, sources of energy, and modes of organising lives to adapt to varied ecological landscapes.
		CO4	Discuss environmental issues within a socio-cultural framework.
		CO5	Examine the social, political and economic contexts of creating inequalities in resource use, with reference to the case studies regarding water rights, forest rights, and the right to have liveable cities.
		CO6	Locate solutions to environmental problems within a framework of greater democratisation of resource use.
<b>GE-04 Religious Traditions in the Indian Subcontinent</b>			
231400000 5	Religious Traditions in the Indian Subcontinent	CO1	Describe the basic chronological, spatial and substantive contours of each of the religious traditions as well as certain intellectual currents that questioned them.
		CO2	Analyse and articulate the long-term changes that each religious tradition undergoes in a dynamic relationship with its own past, with non-religious aspects of life, and with other <b>religious traditions</b> .
		CO3	Identify and describe the formation of religious identities and the scope for the liminal spaces in between.
		CO4	Appreciate, examine and relate to the debates on the ways in which the modern Indian

			state and its constitution must deal with the issue of plurality of religious beliefs and practices.
<b>BA PROGRAM (MULTIDISCIPLINARY)</b>			
MDSC-07 -History of India c. 1550 – 1700			
231220240 1	History of India c.1550 – 1700	CO1	Identify the major political developments in the history of India during the period between the sixteenth century and between the beginning of the eighteenth century.
		CO2	• Outline the changes and continuities in the field of culture, especially with regard to art, architecture and Sufi movement.
		CO3	• Discuss the economic history of the period under study in India especially, where agrarian production and its implications are concerned.
		CO4	• Delineate the development of trade and urban complexes during this period.
<b>MDSC-08 Cultural Transformations in Early Modern Europe – II</b>			
231220240 2	<b>Cultural Transformations in Early Modern Europe – II</b>	CO1	Understand the different perspectives of Cultural and Scientific developments in Europe.
		CO2	Explain the impact of Renaissance in the realm of art, literature, science and philosophy and the processes by which major transformation unfolded in European society and culture.
		CO3	Trace the developments in Literacy and artistic field.
		CO4	Identify the social and cultural aspects after the transitions in popular culture and mentalities.

<b>SEMESTER IV: COPO MAPPING</b>					
Papers	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
DSC10	CO1		✓	✓	
	CO2		✓	✓	
	CO3	✓	✓	✓	

DSC11	CO1	✓	✓	✓	
	CO2		✓	✓	
	CO3	✓	✓	✓	
	CO4	✓	✓		
	CO5		✓	✓	
DSC12	CO1	✓	✓	✓	
	CO2	✓	✓		
	CO3	✓	✓		
	CO4			✓	
DSE 2	CO1		✓	✓	
	CO2		✓	✓	
	CO3	✓	✓		
	CO4		✓		
	CO5		✓	✓	
	CO6			✓	✓
GE4	CO1	✓			
	CO2		✓		
	CO3			✓	✓
	CO4		✓	✓	
MDSC 7	CO1	✓	✓		
	CO2	✓	✓		
	CO3	✓	✓		
	CO4	✓	✓		
MDSC 8	CO1	✓	✓	✓	
	CO2	✓	✓		
	CO3		✓		
	CO4		✓	✓	

