

General Compulsory Couorses

1. Religious Education

Module Name	:	Islamic Education					
Module Level	:	Bachelor					
Code, if applicable	:	23U01110202					
Subtitle, if applicable	:	-					
Courses, if applicable	:	Geophysics					
Semester(s) in which the module is taught	:	I (First Semester)					
Module coordinator(s)	:	Haeriyyah, S.Ag.,M.Pd.I.					
Lecturer(s)	:	Haeriyyah, S.Ag.,M.Pd.I.					
Language	:	Bahasa (Indonesian language)				
Relation to curriculum	:	Compulsory course in the first Geophysics	Compulsory course in the first year for Bachelor Degree in Geophysics				
Type of teaching, contact hours	:	Contact hours for each teachir practical, project, seminar, etc Teaching Method Lecture Exercises (structured assignment & independent learning) Practical	Contact Hours Per Week	-			
Workload	:	(Estimated) workload, divided study, fieldwork, and laborator preparation, specified in hours Contact Hours Private structure Per Week per week	y session), examinat ady Semester	•			
Credit points	:	2 SKS (3.2 ECTS)					
Requirements according to the examination regulations	:	Students are eligible to attend examination if their absences are less than 20% of the lectures					
Recommended prerequisites	:	-					
Module objectives/intended learning outcomes	:	After completion of this module CLO 1. Able to internalize the contained in the basic	values of Islamic tea	chings			



		CLO 2. Able to analyze religious values and diversity to achieve independent individuals with character with a spirit of social sensitivity;					
		CLO 3. Able to integrate Islamic teaching values with science and technology based on scientific disciplines both independently and in teams;					
		The fol	The following is the mapping of the ILO and the CLO of this course:				
					ILO 1	ILO 2	
				CLO 1	✓		
				CLO 2	√		
				CLO 3		✓	
							1
Content	:	1.	Internalizat	ion of Isla	mic religi	ous value	es
		2.	Proof of the monotheisr			and the	concept of
		3.	Actualization	on of mora	al values i	n daily life	Э
		4.	Law and hu	uman righ	ts in Islan	n	
		5. The concept of a civil society and the welfare of the ummah					
		6. Religious, cultural, and political diversity in religious, national, and state life					y in religious,
		7.	Integration according t			•	vith Islamic values



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Study and exami	nation
requirements	

Participants are marked based on their performance in theory: Task (25%), Project Base Learning (10%), Case Study (65%).

Students are marked based on their percentage of points obtained and based on the following grade scale:

Percentage of Achievement	Grade	Conversion Value
85 – 100	Α	4.00
80 - <85	A-	3.75
75 - < 80	B+	3.5
70 - < 75	В	3.0
65 - < 70	B-	2.75
60 - < 65	C+	2.5
50 - < 60	С	2.00
40 - < 50	D	1.00
< 40	E	0.00

Exams and assessment
formats

Lecture:

- Assignments
- Discussion
- Presentations

Reading list

Main References:

- 1. Teaching Team of Hasanuddin University. (2014). *Islamic religious education*. UPT MKU Hasanuddin University.
- 2. Directorate General of Higher Education. (2016). *Islamic religious education for universities*. Directorate General of Learning and Student Affairs, Ministry of Research, Technology, and Higher Education.

Additional References:

- 1. Mukti Ali. (2020). *The method of understanding Islam*. Jakarta: Bulan Bintang.
- 2. Abdullah, M. A. (2006). *Islamic studies in higher education: An integrative-interconnected approach*. Yogyakarta: Pustaka Pelajar.



	3. Maman. (2012). Patterns of scientific thinking: Reviving the Islamic scientific tradition. Bogor: QMM Publishing.
	4. Al-Faruqi, I. R., & Al-Faruqi, L. L. (1986). <i>The cultural atlas of Islam</i> . New York: Macmillan Publishing Company.
	5. Nasr, S. H. (1994). Exploring the modern world: A guide for young Muslims. Bandung: Mizan.
	6. Aman, S. (2013). <i>Trends of spirituality in the third millennium</i> . Jakarta: Ruhama.
	7. Madjid, N. (2008). <i>Islam: Modernity and Indonesian identity</i> . Bandung: Mizan.
	8. Hakim, L. (2012). Islam, religious plurality, and the formation of civil society in Indonesia. Harmoni, 11(1), 26–33.
	9. Munawar-Rachman, B., & Sukidi. (2001). <i>Islam and pluralism: The discourse of equality among believers</i> . Jakarta: Paramadina.
	10. Hade Masyah, H. T. S. (2008). <i>Encyclopedia of the miracles of the Qur'an and Hadith</i> . Jakarta: Sapta Sentosa.
	11. Pramono, A. (2021). The development of science and technology in the Islamic perspective. Sleman: Deepublish.
Last revision date	July 1 st , 2025

Module Name	:	Protestant Religious education
Module Level	:	Bachelor
Code, if applicable	:	23U01110302
Subtitle, if applicable	:	-
Courses, if applicable	:	Geophysics
Semester(s) in which the module is taught	:	I (First Semester)
Module coordinator(s)	:	Haeriyyah, S.Ag.,M.Pd.I.
Lecturer(s)	:	Haeriyyah, S.Ag.,M.Pd.I.
Language	:	Bahasa (Indonesian language)



Relation to curriculum	:	Compulsory course in the first year for Bachelor Degree in Geophysics					
Type of teaching, contact hours	:	Contact hours for each teaching method: lecture, lesson, practical, project, seminar, etc					
		Teaching Met	thod	Contac	t Hours Per Wee	k Class Size	
		Lecture			1.7	40	
		Exercises (structured independent learning)	assignment &		4.0	40	
		Practical			: ·		
Workload	:	study, fieldwork, ar preparation, specif	Estimated) workload, divided into contact hours (lecture, private study, fieldwork, and laboratory session), examination preparation, specified in hours.				
		Contact Hours Per Week	Private st	7-07-08-00	Semester Workload	ECTS Credit	
		1.7	4.0	-44	91.2 h	3.2	
		<u>-1</u> :				4	
Credit points	:	2 SKS (3.2 ECTS)					
Requirements according to the examination regulations	:		Students are eligible to attend the examination if their absences are less than 20% of the lectures				
Recommended prerequisites	:	-					
Module objectives/intended learning outcomes		CLO 2. Students (Protesta (Protesta characte CLO 3. Able to th integrity a	are able to ant) as inde are able to ant) to achie r; nink criticall and be able aindepende	o interna penden o descri eve inde ly, syste e to con ently in	alize religious of the team;	s values n character; values ople with novatively, with fectively, and	



Content	:	1. Religi	ous knowledge and	interfaith l	narmonv			
			2. Humanity and sin					
		3. Salva	•					
			ife and the growth o	of faith				
			_	n raiti				
			5. Morality and ethics					
			6. Good social interaction7. Guardians of God's creation					
					faith and saignes			
		The relationship between Christian faith and science, technology, and art						
		9. Religi	on and society					
		10. Religi	on and culture					
		11. Religi	on and politics					
		12. Religi	on and law					
Study and examination requirements		Participants are marked based on their performance in theory: Independent Task (50%), Group discussion (5%), Presentation (5%), Written Examination (40%). Students are marked based on their percentage of points						
		Obtained	and based on the for Percentage of		Conversion			
			Achievement	Grade	Value			
			85 – 100	Α	4.00			
			80 - <85	A-	3.75			
			75 - < 80	B+	3.5			
			70 - < 75	В	3.0			
			65 - < 70	B-	2.75			
			60 - < 65	C+	2.5			
			50 - < 60	С	2.00			
			40 - < 50	D	1.00			
			< 40	Е	0.00			
				I				



Exams and assessment formats Reading list	Lecture: - Assignments - Discussion - Presentations - Written Examination Main References: 1. Lembaga Alkitab Indonesia. (2008). The Holy Bible. Jakarta: LAI. 2. Ministry of Research, Technology, and Higher Education of the Republic of Indonesia. (2016). Christian religious
	 education for universities (1st ed.). Jakarta: Directorate General of Learning and Student Affairs, Ministry of Research, Technology, and Higher Education of the Republic of Indonesia. 3. Hadiwijono, H. (2001). Christian faith. Jakarta: BPK Gunung Mulia. 4. Suseno, F. M. (1987). Fundamental ethics. Yogyakarta: Kanisius.
	5. Universitas Terbuka. (2019). Christian religious education.
	Additional References:
	Niyoko. (2017). Christian religious education for universities (1st ed.). Yogyakarta: Indonesian Christian Literature Park (Taman Pustaka Kristen Indonesia).
	2. Van Niftrik, G. C., & Boland, B. J. (1987). Contemporary dogmatics. Jakarta: BPK Gunung Mulia.
	3. Mendrofa, E. (n.d.). <i>Science, technology, and theology</i> [Manuscript].
	4. Savitra, K. (n.d.). <i>An easy way to socialize</i> [Manuscript].
Last revision date	July 1 st , 2025

Module Name	:	Catholic Religious Education
Module Level	:	Bachelor
Code, if applicable	:	23U01110202



Subtitle, if applicable	:	-				
Courses, if applicable	:	Geophysics				
Semester(s) in which the module is taught	:	I (First Semester)				
Module coordinator(s)	:	Haeriyyah, S.Ag.,M.Pd.I.				
Lecturer(s)	:	Drs. Fredryk Welliam Mandey,	M.Sc			
Language	:	Bahasa (Indonesian language)			
Relation to curriculum	:	Compulsory course in the first Geophysics	year for Bachelor Deg	ree in		
Type of teaching, contact hours	:	Contact hours for each teachir practical, project, seminar, etc	ng method: lecture, les	sson,		
		Teaching Method	Contact Hours Per Week	Class Size		
		Lecture Exercises (structured assignment &	1.7	40		
		independent learning)	4.0	40		
		Practical	-	-		
Workload		(Estimated) workload, divided into contact hours (lecture, private study, fieldwork, and laboratory session), examination preparation, specified in hours. Contact Hours Private study Semester ECTS Cred Workload 1.7 4.0 91.2 h 3.2				
Credit points	:	2 SKS (3.2 ECTS)				
Requirements according to the examination regulations	:	Students are eligible to attend are less than 20% of the lecture		ir absences		
Recommended prerequisites	:	-				
Module objectives/intended	:	After completion of this module	e, students will be able	e to:		
learning outcomes		CLO 1. Able to consistently int Catholic faith and actions in ev	_	een his		
		CLO 2. Able to implement contraditions of Catholic faith in ev	•	gs, and		
		CLO 3. Able to integrate the values, teachings, and traditions of Catholic faith in an effort to help solve strategic problems in social and national life;				
		The following is the mapping of course:	of the ILO and the CLC	of this		



					ILO 1	ILO 2			
				CLO 1	√				
				CLO 2	√				
				CLO 3		√			
							l		
Content	:	1.	The Nature, Ba Religious Educ				of Catholic		
		2.	Basic Concepts	s of Relig	ion and F	aith			
		The Relationship between Revelation and Faith between God and Humankind							
		4. Holy Scripture (the Bible): God's Work of Salvation began with the People of Israel (the Old Testament) and reached peak in Jesus (New Testament)							
		5.	The Catholic C	hurch					
		6.	6. Sacraments in the Catholic Church						
		7.	 Socialized Faith: Interfaith Dialogue from a Catholic Perspective 						
		8. Morality and Professional Ethics from a Catholic Perspective							
		9.	Science, Techr Church's Persp		d the Env	vironment	from the Catholic		
		10	. Economic, Soc Social Teachin			-	/ Issues: The		



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Study and	examination
requiremen	nts

Participants are marked based on their performance in theory: Group discussion (65%), Presentation (35%).

Students are marked based on their percentage of points obtained and based on the following grade scale:

Percentage of Achievement	Grade	Conversion Value
85 – 100	Α	4.00
80 - <85	A-	3.75
75 - < 80	B+	3.5
70 - < 75	В	3.0
65 - < 70	B-	2.75
60 - < 65	C+	2.5
50 - < 60	С	2.00
40 - < 50	D	1.00
< 40	E	0.00

Exams and assessment
formats

Lecture:

- Assignments
- Discussion
- Presentations

Reading list

Main References:

 Kotan, D.B. 2021. Menjadi Saksi Keselamatan – Buku Ajar MK Pendidikan Agama Katolik PTU, Komisi Kateketik KWI, Penerbit OBOR Jakarta

Additional References:

- 1. ahya, K. B. (2007). Core materials of Catholic religious education. Commission on Catechetics of the Archdiocese of Makassar. (Original work published 1995, Catechism of the Catholic Church, Nusa Indah Publisher, Ende.)
- 2. Hardawiryana, R. (Trans.). (2017, 13th ed.). *Documents of the Second Vatican Council*. OBOR Publisher, Jakarta.



	3. Hardawiryana, R. (Trans.). (2014, 3rd ed.). Catechism of the Catholic Church. Nusa Indah Publisher, Ende.
	4. Pontifical Council for Justice and Peace. (n.d.). Compendium of the social doctrine of the Church (translated ed.). Kanisius Publisher, Yogyakarta.
Last revision date	July 1 st , 2025

Module Name	:	Buddhist Religious Education							
Module Level	:	Bachelor							
Code, if applicable	:	23U01110502	23U01110502						
Subtitle, if applicable	:	-							
Courses, if applicable	:	Geophysic							
Semester(s) in which the module is taught	:	I (First Semester)							
Module coordinator(s)	:	Hasdy,S.Si,M.Si	Hasdy,S.Si,M.Si						
Lecturer(s)	:	Hasdy,S.Si,M.Si							
Language	:	Indonesian Language	Indonesian Language						
Relation to curriculum	:	Compulsory course in the first year for Bachelor Degree in Geophysics							
Type of teaching, contact hours	:	l .	Contact hours for each teaching method: lecture, lesson, practical, project, seminar, etc						
		Teaching Method		Conta	act Hours Per Weel	Class Size			
		Lecture Exercises (structured assignment independent learning) Practical	nent &		4.0	40			
Workload	:	(Estimated) workload, divided into contact hours (lecture, private study, fieldwork, and laboratory session), examination preparation, specified in hours. Contact Hours Private study Semester ECTS Credit							
		Per Week per week Workload							
		1.7	4.0		91.2 h	3.2			
Credit points	:	2 SKS (3.2 ECTS)							
Requirements according to	†:	Students are eligible to a	attend	the ex	camination if th	eir absences			
the examination regulations		are less than 20% of the lectures							
				-					



Recommended prerequisites	:	-								
Module objectives/intended	:	After com	pletion o	f this mod	ule, stude	nts will b	e able to:			
learning outcomes		CLO 1.Ab	ole to ma	master the ability to think, be rational, and						
		CLO 2 Ab Man	CLO 2 Able to hold broad view as a Buddhist and Intellectual Man							
		CLO 3 Able to deliver students as a Buddhist intellectual model to become a scientist, personality that upholds humanity								
		The follow course:	ving is the	e mapping	g of the IL	O and the	e CLO of	this		
					ILO 1	ILO 2				
				CLO 1		√				
				CLO 2	√					
				CLO 3	√					
Content	:	The Buddhist Religious Education course focuses on the study of Divinity, Humanity, Law, Morality, Religion and Science-Technology, Harmony, Society, Culture, and Politics.								
Study and examination requirements		Participar Group Dis Examinat	scussion	(45%), Ca		•		theory:		
		Students obtained				_	•	ts		
				ntage of vement	Grade		ersion lue			
			85	- 100	А	4.	.00			
	80 - <85 A- 3.7						.75			
			75 -	- < 80	B+	3	3.5			
			70 -	- < 75	В	3	3.0			
			65 -	- < 70	B-	2.	.75			
			60	- < 65	C+	2	2.5			
			50	- < 60	С	2.	.00			

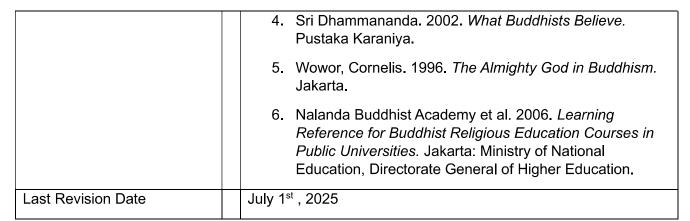


		40 - < 50	D	1.00						
		< 40	Е	0.00						
Exams and assessment	Lecture:									
formats	- Assign	- Assignments								
	- Discus	sion								
	- Preser	ntations								
	- Writter	Examination								
Reading list	Main Re	eferences								
		Arya Tjahyadi. 1994. <i>I</i> Surabaya: Dhammad			ence.					
	A	Dhammika, Shravasti A <i>nswers.</i> Translated t Surabaya: Dhammad	oy Surja Ha	andaka Vijjanan						
	3. Hasdy, S.Si., M.Si. 2012. Buddhist Religious Eductor for University Students. Makassar: Buddhist Religious Education Lecturer Association of South Sulawesi Province.									
		Kirthisinghe, Buddhad Science. Translated b Aryasuryacandra.	•	•	sm and					
		Mukti, Krishanda W. 2 lakarta: Dharma Pem			scourse.					
		Narada. 1996. <i>The Bเ</i> Dhammadīpa Ārāma			2. Jakarta:					
	Additio	nal References								
	 P.A. Payutto. 2005. Buddhist Economics: The Path for Business World. Translated by R. Sur Jakarta: PP Nagabudhi. 									
	E T	Piyadassi, Mahathera Buddha's Teachings. Fitin Negsi. Jakarta: T Foundation.	Translated	by Hatih Rusli,	Vivi, and					
		Rashid, Teja. 1997. S Buddhist Publisher.	īla and Vin	<i>aya.</i> Jakarta: Bo	odhi					



Bachelor Program in Geophysics Faculty of Mathematics and Natural Sciences

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Module Name	:	Hindu Religious Education								
Module Level	:	Bachelor								
Code, if applicable	:	23U01110402								
Subtitle, if applicable	:	-								
Courses, if applicable	:	Geophysics								
Semester(s) in which the module is taught	:	I (First Semester)								
Module coordinator(s)	:	I Ketut Mundra,S.Ag								
Lecturer(s)	:	I Ketut Mundra,S.Ag	I Ketut Mundra,S.Ag							
Language	:	Bahasa (Indonesian language)								
Relation to curriculum	:	Compulsory course in the first year for Bachelor Degree in Geophysics								
Type of teaching, contact hours	:	Contact hours for each teach practical, project, seminar, e	•	thod: lecture,	lesson,					
		Teaching Method	Contac	t Hours Per Week	Class Size					
		Lecture		1.7	40					
		Exercises (structured assignment & independent learning)		4.0	40					
		Practical								
Workload	:	(Estimated) workload, divided into contact hours (lecture, private study, fieldwork, and laboratory session), examination preparation, specified in hours.								
		Contact Hours Private s Per Week per we		Semester Workload	ECTS Credit					
		1.7 4.0	91.2 h		3.2					



Credit points	:	2 SKS (3.2 ECTS)						
Requirements according to the examination regulations	:	Students are eligible to attend the examination if their absences are less than 20% of the lectures						
Recommended prerequisites	:	-						
Module objectives/intended	:	After completion of this module, students will be able to:						
learning outcomes		CLO 1. Able to internalize the values of the teachings of the Vedas contained in the basic framework of Hinduism;						
		CLO 2. Able to analyze religious values and diversity to build a prosperous life;						
		CLO 3. Able to integrate the values of Hindu teachings with critical thinking, transparency, work hard and justice;						
		The following is the mapping of the ILO and the CLO of this course:						
		ILO 1 ILO 2						
		CLO 1 🗸						
		CLO 2 🗸						
		CLO 3						
Content	:	The course on Hindu Religious Education covers topics related to the sources of Hindu teachings, the fundamentals of Hindu faith, Brahmavidya, Catur Marga, Hindu ethics, human nature, the culture of critical thinking, openness, diligence and fairness, religious moderation, sacred places, holy days, Nawa Darsana, and the concept of a prosperous society in the Hindu perspective.						
Study and examination requirements		Participants are marked based on their performance in theory: Group discussion (35%), Case Study (65%).						
		Students are marked based on their percentage of points obtained and based on the following grade scale:						
		Percentage of Achievement Grade Value						
		85 – 100 A 4.00						
		80 - <85 A- 3.75						
		75 - < 80 B+ 3.5						



		70 - < 75	В	3.0	
		65 - < 70	B-	2.75	
		60 - < 65	C+	2.5	
		50 - < 60	С	2.00	
		40 - < 50	D	1.00	
		< 40	E	0.00	
Exams and assessment	Lecture:				
formats	- Assignn	nents			
	- Discuss	sion			
	- Present	ations			
Reading list	Main Ref	erences:			
	1. H	indu Religious Educ	cation for H	ligher Education	
	In	stitutions			
	Additiona	l References:			
	1. B	hagavad Gita			
	2. S	arasamuccaya			
	3. M	lanawa Dharmasas	tra		
	4. S	awtikarana			
	5. C	anakya Nitisastra			
	6. V	eda Sabda suci Ved	da		
	7. G	rhasta Asrama			
	8. M	lakna hari raya suci	Hindu		
	9. In	itisari Veda			
	10. A	rthasastra			
	11. K	ekawin Nitisastra			
	12. P	edoman Kerukunar	umat Bera	agama hindu	
	13. P	anca Yajna			
Last revision date	July 1 st , 2	2025			