MINISTRY OF EDUCATION AND CULTURE
UNIVERSITAS NEGERI SURABAYA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF NATURAL SCIENCES
Ketintang Campus, Jl. Ketintang C12 Building, Surabaya 60231
Phone (031)18296427
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Module Name:	*Etnosains* (Ethnoscience)
Module Level:	Bachelor degree/Undergraduate Programme
Course Code:	8420103038
Abbreviation, if applicable:	-
Courses included in the module, if applicable:	Not applicable
Semester/term	Elective
Module coordinator(s):	Beni Setiawan, S.Pd., M.Pd.
Lecturer(s):	Dr. Hasan Subekti, M.Pd. Ahmad Qosyim, S.Si., M.Pd. Wahyu Budi Sabtiawan, S.Si., M.Pd., M.Sc.
Language:	*Bahasa Indonesia* (Indonesian Language)
Classification within the curriculum:	Elective
Teaching format/class hours per week during the semester:	2 contact hours of lectures (Indonesia credit semester or *sks**)
Workload:	2 x 50 minutes lectures, 2 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 79.33 total hours per semester ~ 3.18 ECTS**
Credit point:	2 *sks* (3.18 ECTS)
Requirements:	-
Learning goals/competencies:	**Course Learning Outcomes (CLOs):** After taking this course, students will be able to: 1. Understand principles/laws/theories of basic knowledge implemented in various local wisdom; and 2. Apply principles/laws/theories of basic knowledge to various local wisdom.
Content:	Principles/laws/theories of natural sciences in various local wisdom
Attribute Soft skill:	Collaboration, communication, and argumentation in the natural classroom setting.
Study/exam achievements:	Students are considered to be competent and pass if at least get 40% of the maximum final grade. The final grade (NA) is calculated based on the following weight:
Learning Methods	Discussion, observation, project-based learning, and presentation (structured activities), and flip learning

Assessment Components	Percentage Contribution
Participation	20%
Assignment	30%
Mid-semester test	20%
Final semester test	30%
Total	**100%**

Management System ISO 9001:2015
TÜVRheinland CERTIFIED
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Form of Media:	LCD, PowerPoint slides, laboratory equipments and materials, and virtual learning platform
Literature (primary references):	1. Cross, R., & R.F. Price. 1992. Teaching Science for Social Responsibility. Sydney: St. Louis Press. 2. Suastra, W.I. 2009. Merekonstruksi Sains Asli (Indegenous Science) dalam Upaya Mengembangkan Pendidikan Sains Berbasis Budaya Lokal di Sekolah. Bali: Jurusan Pend. Fisika IKIP Singaraja. 3. Sudarmin, Zaenuri, dan Parmin. 2013. Merekonstruksi Pengetahuan Sains Ilmiah Berbasis Budaya dan Kearifan Lokal di Wilayah Kepulauan Karimunjawa sebagai Wahana Menanamkan Soft Skill Karakter Konservasi pada Mahasiswa. Laporan Penelitian Dasar. LP2M Unnes. 4. Spradley, J.P. 2007. Metode Etnografi. Edisi Kedua (diterjemahkan oleh Misbah Zulfa Elizabeth). Yogyakarta: Tiara Wacana.
Notes:	***1 *sks* in learning process = three contact hours that consist of: (a) scheduled instruction in a classroom or laboratory (50 minutes); (b) structured activity (60 minutes); and (c) individual activity (60 minutes)** according to the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 44 Year 2015 jo. the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 50 Year 2018.
	****1 sks = 1,59 ECTS**