UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF SCIENCE EDUCATION
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Bachelor of Education in Science **MODULE HANDBOOK**

Module name:	**Science Teacher Profesional Development**
Module level, if applicable:	Undergraduate
Code:	**IPA 6217**
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	2
Module coordinator:	**Al Maryanto, M.Pd**
Lecturer:	**Al. Maryanto, M.Pd , Wita Setianingsih, M.Pd**
Language:	Bahasa Indonesia
Classification within the curriculum:	Elective course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90.67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points:	2
Prerequisites course(s):	General Biology
Targeted learning outcomes:	After taking this course the students have ability to: CO1. Show independence and responsible in carrying out individual tasks and group assignments. CO2. Able to use knowledge systematically in solving problems related in science teacher CO3. Can explain the concepts of the development of the science teacher profession and apply them in tasks that will be carried out if students become science teachers
Content:	This course discusses: (1) Definition, characteristics and

<table>
<tr><td></td><td>professional requirements, (2) Objectives, types and responsibilities, (3) The nature of science teacher professionalism, (4) Teacher and Lecturer Law, (5) Development of teacher professionalism Science, (6) Implementation of science teacher development, (7) Efforts to develop the science teacher profession, (8) Academic Supervision and Science teachers, (9) Research on science teacher development, (10) Natural Science learning, (11) The Future of Science Learning and Education Community. This course is complemented by independent student assignments that support the achievement of the development of the science teacher profession for prospective science teacher students.</td></tr>
<tr><td>Study / exam achievements:</td><td>The final mark will be weight as follow:

<table>
<tr><th>No</th><th>CO</th><th>Objek Penilaian</th><th>Teknik Penilaian</th><th>Weight</th></tr>
<tr><td>1</td><td>CO1, CO2, CO3</td><td>a. Penugasan individu
b. Penugasan kelompok (termasuk presentasi)
c. Kuis
d. Ujian sub kompetensi
e. Ujian Akhir Semester</td><td>Tertulis

Laporan

Lisan

Tertulis
Tertulis

Tertulis</td><td>10%

25%

10%
25%

30%</td></tr>
<tr><td colspan="3"></td><td>Total</td><td>100%</td></tr>
</table>
</td></tr>
<tr><td>Forms of media:</td><td>Board, LCD Projector, Laptop/Computer</td></tr>
<tr><td>Literature:</td><td>1. Jejen musfah, 2011, Peningkatan Kompetensi Guru, Jakarta, Kencana Prenada Media Group
2. Piet A. Sahertian, 1994, Profil Pendidik Profesional, Yogyakarta, Andi Offset
3. Sudarwan Danim, 2010, profesionalisasi dan Etika Profesi Guru, Bandung, Alfa Beta
4. Udin Syaefudin, 2009, Pengembangan Profesi Guru, Bandung, Alfa Beta
5. Wenger W., 2003, Beyond Teaching and Learning, Penerjemah: Ria Sirait dan Purwanto, Bandung: Penerbit Nuansa
6. Undang-undang Sistem Pendidikan Nasional Nomor 20 Tahun 2003
7. Undang-undang Guru dan Dosen Nomor 14 Tahun 2005 and other sources that are relevant both in the form of textbooks , journals and Internet resources that can be justified</td></tr>
</table>

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1				✓								
CO2				✓								
CO3				✓								