

(Table4)Teaching Status for Main Subjects (Bachelor Degree Programs)

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Theology		Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	17.0	15.0	68.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	3.0	0.0	24.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	85.0%	100.0%	73.9%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	12.9	41.1	161.7
			Subject Taught by Faculty Members with Concurrent Positions (B)	11.1	81.9	205.3
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	53.6%	33.4%	44.1%

[Note by KG](School of Theology) Required Subjects include Required Subjects for Christian evangelist Subjects.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Humanities	Department of Culture and History	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	40.3	22.1	62.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	15.7	53.9	69.6
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	72.0%	29.1%	47.3%
	Department of Integrated Psychological Science	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.4	30.8	37.2
			Subject Taught by Faculty Members with Concurrent Positions (B)	5.6	8.2	13.8
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	53.3%	79.0%	72.9%
	Department of Literature and Linguistics	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	41.6	36.5	78.2
			Subject Taught by Faculty Members with Concurrent Positions (B)	43.4	43.5	86.8
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	48.9%	45.6%	47.4%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	4.0	21.1	181.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	1.0	40.9	245.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	80.0%	34.0%	42.5%

[Note by KG](School of Humanities) Common subjects such as Christianity, language education, information processing, humanities seminars, general and orientation subjects, Graduation thesis, Medium-term German language studying abroad I~V are counted as a part of the All Department Common Education Subjects.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Sociology	Department of Sociology	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.3	75.8	82.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	1.7	65.2	66.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	79.0%	53.7%	55.1%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.8	5.1	157.8
			Subject Taught by Faculty Members with Concurrent Positions (B)	6.2	24.9	229.2
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	52.3%	17.0%	40.8%

[Note by KG](School of Sociology) The A / C group subjects are "Common Education Subjects" and the B group subjects are "Major Education Subjects". However, the A group subjects "Introduction to Sociology A / B", "Introduction to Social Research A / B" and "Seminar I / II / III" are included in the Major education subjects.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Law and Politics	Department of Law	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	82.5	87.7
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	42.5	44.3
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	66.0%	66.4%
	Department of Political Science	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	29.3	29.8
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	22.7	27.2
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	56.4%	52.3%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	10.6	4.2	167.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	10.4	31.8	244.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	50.3%	11.6%	40.6%

[Note by KG](School of Law and Politics)Regarding cross-departmental subjects in Major Education Subjects, such as "Foreign Legal and Political References", "Special Law and Politics Course", "Research Seminar on Legal and Political Culture", "Seminar of Basic Skill for Academic Study", "Practical Seminar of Public Service Special Training", "Practical Seminar of Global Legal Politics""Practical Seminar of Public Policy Course ", "Practical Seminar of Leagal Politics Social History", "Basic Seminar", "Introductory Seminar on Law and Politics", "Global Seminar on Jurisprudence and Political Science", "Seminar of Domestic Fieldwork" are included in the All Department Common Education Subjects because these courses are not offered separately by departments.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Economics		Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	7.0	75.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	42.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	100.0%	63.8%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	12.7	4.2	172.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	7.3	19.8	215.6
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	63.6%	17.5%	44.4%

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Business Administration		Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	1.5	93.7	102.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.5	41.3	41.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	75.0%	69.4%	70.9%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	10.7	8.1	169.2
			Subject Taught by Faculty Members with Concurrent Positions (B)	9.3	27.9	235.8
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	53.4%	22.6%	41.8%

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Science and Technology	Department of Mathematical Sciences	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	8.0	8.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	100.0%	100.0%
	Department of Physics	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Nanotechnology for Sustainable Energy	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Chemistry	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Applied Chemistry for Environment	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	2.0	0.0	2.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	0.0%	100.0%

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Science and Technology	Department of Bioscience	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Biomedical Chemistry	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Informatics	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	Department of Human System Interaction	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	0.0	0.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	0.0%	0.0%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	4.0	0.0	131.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	145.6
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	0.0%	47.5%

[Note by KG](School of Science and Technology)the subjects are crossing the department, they are counted in the departments listed earlier in the order of the corresponding department.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Policy Studies	Department of Policy Studies	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.9	5.1	75.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.1	0.9	53.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	98.8%	85.4%	58.2%
	Department of Applied Informatics	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	3.0	3.1	16.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.9	3.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	77.5%	81.8%
	Department of Urban Studies	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	1.0	1.0	9.9
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	1.0	6.1
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	50.0%	61.6%
	Department of International Policy Studies	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	1.0	3.0	15.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	1.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	100.0%	93.8%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	11.0	10.0	208.9
			Subject Taught by Faculty Members with Concurrent Positions (B)	4.0	2.0	229.1
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	73.3%	83.3%	47.7%

[Note by KG](School of Policy Studies)The subjects crossing the department, they are counted in the departments are included in Department of Policy Studies.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Human Welfare Studies	Department of Social Work	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	5.8	8.0	51.9
			Subject Taught by Faculty Members with Concurrent Positions (B)	1.2	0.0	24.1
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	83.3%	100.0%	68.3%
	Department of Social Organization Development	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	4.9	0.0	30.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.1	0.0	19.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	98.2%	0.0%	60.7%
	Department of Holistic Human Sciences	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	1.9	0.0	38.2
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.1	0.0	23.8
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	94.4%	0.0%	61.5%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	7.1	8.3	167.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	9.9	19.7	224.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	41.8%	29.8%	42.7%

[Note by KG](School of Human Welfare Studies)Major Education Subjects that cross in Department, they are counted in the following departments.

Department of Social Work: "Community Development & Community Work", "Public Assistance Policy & Programs", "Social Security A", "Social Security B", "Aging and Social Welfare", "Medicine in the Contemporary Society", "Introduction to Disability Studies", "Introduction to Sign Linguistics", "Sign Linguistics", "Community Work Methods", "Introduction to Mental Health", "Psychiatry A", "Psychiatry B", "Mental Health A", "Mental Health B", "Field Studies in Human Welfare I", "Overseas Field Studies in Human Welfare I", "Seminar I", "Seminar II", "Graduation Thesis"

Department of Social Organization Development: "Information & Human Welfare", "Social Welfare Planning", "Theories and Issues in NPO", "Social Issues", "Social Issues in Global Perspectives", "Social Inclusion Studies", "Human Rights Policy", "Contemporary Sociology on Gender", "Volunteerism", "Sports and Society", "Welfare Policy", "Social Development", "Globalization and Social Welfare", "Seminar on International Cooperation and Development", "Seminar for Social Entrepreneurship in Practice", "Social Entrepreneurship in Practice", "Human Diversity", "Peace Studies", "Field Studies in Human Welfare II", "Overseas Field Studies in Human Welfare II", "Diasporas Studies"

Department of Holistic Human Sciences: "Introduction to Health Promotion", "Thanatology (Death and Dying)", "Introduction to Bioethics", "The Socio-cultural Realm of the Child", "Family and Society", "Gerontology", "Loss, Grief, & Bereavement", "Senior Business Management", "Disaster Recovery and Revitalization", "Field Studies in Human Welfare III", "Overseas Field Studies in Human Welfare III"

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Education	Department of Education	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	7.3	52.9	172.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.8	23.1	66.6
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	90.6%	69.7%	72.1%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	1.9	0.8	137.6
			Subject Taught by Faculty Members with Concurrent Positions (B)	13.1	12.3	194.4
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	12.9%	5.8%	41.4%

[Note by KG]The Department of Early Childhood and Elementary Education and the Department of Applied Education stopped accepting applications in AY2012, and the Department of Education was opened in AY2013.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of International Studies	Department of International Studies	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	10.0	97.3	107.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	128.7	128.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	43.1%	45.5%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.0	22.3	168.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	28.7	203.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	43.7%	45.2%

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Science	Department of Mathematical Sciences	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	4.0	24.0	30.4
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	1.6
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	100.0%	95.1%
	Department of Physics and Astronomy	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	0.0	30.6	30.6
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	3.4	4.4
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	0.0%	90.1%	87.5%
	Department of Chemistry	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	8.0	29.1	43.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	3.9	3.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	88.2%	91.7%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	17.8	0.0	135.8
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.3	0.0	157.2
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	98.6%	0.0%	46.4%

[Note by KG](School of Science and Technology)the subjects are crossing the department, they are counted in the departments listed earlier in the order of the corresponding department.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Engineering	Program of Materials Science	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	8.0	25.3	33.3
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	1.7	1.7
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	93.8%	95.2%
	Program of Electrical and Electronic Engineering	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	3.7	10.0	13.8
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.3	5.0	5.3
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	93.8%	66.7%	72.4%
	Program of Computer Science	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	6.5	42.5	49.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.5	5.5	6.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	92.3%	88.5%	89.0%
	Program of Artificial Intelligence and Mechanical Engineering	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	9.0	26.0	35.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	3.0	4.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	89.7%	89.7%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	16.5	0.0	144.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	1.5	0.0	147.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	91.9%	0.0%	49.5%

[Note by KG](School of Science and Technology)the subjects are crossing the department, they are counted in the departments listed earlier in the order of the corresponding department.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Biological and Environmental Sciences	Department of Biosciences	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	10.9	21.0	31.9
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.1	4.0	4.1
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	98.7%	84.0%	88.5%
	Department of Biomedical Sciences	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	4.0	23.0	27.0
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	0.0
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	100.0%	100.0%
	Department of Applied Chemistry for Environment	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	10.8	24.0	35.8
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.3	0.0	1.3
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	97.7%	100.0%	96.6%
	All Department	Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	16.4	0.0	141.2
			Subject Taught by Faculty Members with Concurrent Positions (B)	1.6	0.0	143.8
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	91.4%	0.0%	49.5%

[Note by KG](School of Science and Technoligy)the subjects are crossing the department, they are counted in the departments listed earlier in the order of the corresponding department.

School	Department	Education Category		Required Subjects	Elective Required Subjects	All Offered Subjects
School of Architecture	Department of Architecture	Major Education Subjects	Subjects Taught by Full-Time Faculty (A)	26.0	13.0	63.7
			Subject Taught by Faculty Members with Concurrent Positions (B)	4.0	0.0	10.3
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	86.7%	100.0%	86.1%
		Common Education Subjects	Subjects Taught by Full-Time Faculty (A)	14.0	0.0	127.1
			Subject Taught by Faculty Members with Concurrent Positions (B)	0.0	0.0	147.9
			Full-Time to Concurrent Ratio % (A / (A + B) *100)	100.0%	0.0%	46.2%

[Note]

- 1 As a general rule, enter data at the department level.
- 2 This table shows the full-time faculty teaching status for “subjects deemed important in terms of education (important subjects)” as specified in Article 10-1 of the Standards for Establishing Universities.
- 3 Whether there are students who enrolled in classes or not, all subjects set on the curriculum will be eligible.
- 4 For “Subjects Taught by Full-Time Faculty,” also include concurrently taught subjects by full-time faculty members in other colleges, graduate schools, or other undergraduate education organizations where the full-time faculty members have teaching responsibilities, etc.
- 5 Enter the “Education Category” in accordance with the categories set by the university. For Professional Institute prepare a chart based on Article 13 of the Standards for Establishing Professional Universities or Article 42-9 of the Standards for Establishing Universities.
- 6 For professional universities that use semesters for their courses, divide them into first and second semesters by department.
- 7 In the “All Offered Subjects” field, enter the total for all courses such as "Required Subjects," "Required Elective Subjects," as well as "Elective Subjects" and "Optional Subjects." This field does not represent the total of "Required Courses" and "Required Elective Subjects."
- 8 If the university adopts a semester or quarter system, enter the data on a full-year basis.
- 9 If subjects are taught by several lecturers, including faculty members with concurrent positions, enter the data in the form of a ratio.
Example①: In the case of four full-time faculty members and one faculty member with concurrent positions, full-time faculty members 0.8 and faculty member with concurrent positions 0.2.
Example②: In the case of five faculty member with concurrent positions, faculty member with concurrent positions 1.0.
- 10 If classes for the same subject are held twice a week, use the following calculation method
 - ① If classes are taught by the same lecturer: If the classes are taught by a full-time faculty member, count as one subject taught by a full-time faculty member. If the classes are taught by a faculty member with concurrent positions, count as one subject taught by a faculty member with concurrent positions.
 - ② If classes are taught by several lecturers: If the classes are taught by a full-time faculty member, count as one subject taught by a full-time faculty member. If the classes are taught by a full-time faculty member and a faculty member with concurrent positions, count as 0.5 subject taught by a full-time faculty member and 0.5 subject taught by a faculty member with concurrent positions.
- 1 [Note by KG]Excluding intensive courses offered each semester.